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MESSAGE OF THE

President of the United States

TRANSMITTING

THE BUDGET

FOR THE SERVICE OF THE
FISCAL YEAR ENDING JUNE 30

1929

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UNITED STATES
GOVERNMENT PRINTING OFFICE
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TABLE OF CONTENTS

	Statement No.	Page
Budget message of the President of the United States		V
Chart presentation of estimates of appropriations, receipts and expenditures, for fiscal year 1929		A1
Chart	opposite	A2
Description of governmental functions		A3
Description of Budget statements		A7
Balanced statement of (1) the condition of the Treasury at the end of the fiscal years 1926 and 1927, (2) the estimated condition of the Treasury at the end of the fiscal year in progress (1928), and (3) the estimated condition of the Treasury at the end of the ensuing fiscal year 1929 if the financial proposals contained in the Budget are adopted	1	A13
Detailed statement of ordinary expenditures by organization units, etc., fiscal year 1929, compared with prior years	2	A16
Detailed statement of ordinary receipts by organization units and sources of revenue, fiscal year 1929, compared with prior years	3	A37
Statement of receipts, under classification of Treasury daily statement, fiscal year 1929, compared with prior years	4	A49
Statement of ordinary expenditures by character, showing estimated expenditures for the fiscal years 1929 and 1928, and actual expenditures for the fiscal year 1927	5	A51
Summary of ordinary receipts by sources of revenue, fiscal year 1929, compared with prior years	6	A52
Statement of expenditures and receipts, Post Office Department and Postal Service, fiscal year 1929, compared with prior years	7	A54
Statement of operations of the Panama Canal	8	A57
Statement of operations of the Shipping Board and Merchant Fleet Corporation	9	A59
Statement of various accounts, funds, and authorizations	10	A61
Summary of estimates and appropriations, classified by governmental functions, fiscal year 1929, compared with 1928	11	A76
Summary of estimates and appropriations, classified by character and objects of expenditure, fiscal year 1929, compared with 1928	12	A78
Statement of expenditures by character and objects, fiscal years 1924 to 1927, inclusive	13	A79
Summary of expenditures, classified by governmental functions, fiscal year 1929, compared with prior years	14	A80
Comparison of appropriations recommended and appropriations made by Congress, fiscal year 1928, compared with 1927	15	A82
Statement of estimates of appropriations for 1929 and appropriations for 1928, showing percentages of the totals for current operations	16	A83
Comparative statement of appropriations, fiscal years 1927 and 1928	17	A84
Statement of annual, permanent, and other appropriations, including balances of appropriations of prior fiscal years, available for expenditure during fiscal year 1928, as of November 1, 1927	18	A85
Financial statements:		
Consolidated current balance sheet at close of business, June 30, 1927	19	A86
Statement of operations, general fund, fiscal year 1927	20	A87
Statement of operations, public debt (loan) funds, fiscal year 1927	21	A88
Consolidated statement of operations, fiscal year 1927	22	A88
Public debt statements—		
Summary statement of outstanding debt of the United States at close of business, June 30, 1927, compared with June 30, 1926, and June 30, 1916	23	A89
Detail statement of outstanding debt of the United States at close of business, June 30, 1927, compared with June 30, 1926, and June 30, 1916	24	A90
Statement of securities owned by the United States, June 30, 1927	25	A93
Cumulative sinking fund statements—		
Actual, fiscal year 1927	26	A94
Estimated, fiscal year 1928	27	A94
Estimated, fiscal year 1929	28	A94
Proposed public-debt issues and redemptions, fiscal year 1929, compared with prior years	29	A95
Statement summarizing and comparing, by classification services and grades, for the fiscal years 1929, 1928, and 1927, average number of employees, average salary rates, and the total salaries of the personnel of the executive departments and independent establishments in the District of Columbia classified under the act of March 4, 1923	30	A96
Statement summarizing and comparing, by departments and independent establishments, for the fiscal years 1929, 1928, and 1927, the average number of employees, the average salary rate, and the total salaries of the personnel in the District of Columbia classified under the act of March 4, 1923	31	A110
Explanatory synopsis of the estimates of appropriations		A111
Recapitulation of estimates of appropriations, fiscal year 1929, compared with appropriations for fiscal year 1928		A128
Detail estimates of appropriations, fiscal year 1929, compared with appropriations for the fiscal year 1928:		
Legislative establishment		1
Executive Office and independent establishments		31
Department of Agriculture		113
Department of Commerce		347
Interior Department		465
Department of Justice		727
Department of Labor		765
Navy Department		785
Post Office Department		833
Department of State		865
Treasury Department		899
War Department, including Panama Canal		1011
District of Columbia		1275
Index		1403

MESSAGE TRANSMITTING THE BUDGET

To the Congress of the United States:

Herewith is transmitted the Budget of the United States for the fiscal year ending June 30, 1929. The receipts and expenditures shown in detail in the Budget are summarized in the following statement:

Summary (exclusive of postal revenues and postal expenditures paid from postal revenues)

	Estimated, 1929	Estimated, 1928	Actual, 1927
Receipts:			
Customs	$602, 000, 000. 00	$602, 000, 000. 00	$605, 499, 983. 44
Income tax	2, 065, 000, 000. 00	2, 165, 000, 000. 00	2, 224, 992, 800. 25
Miscellaneous internal revenue	640, 545, 000. 00	638, 545, 000. 00	644, 421, 541. 56
Miscellaneous receipts	501, 952, 314. 00	670, 053, 091. 00	654, 480, 115. 85
Total receipts	3, 809, 497, 314. 00	4, 075, 598, 091. 00	4, 129, 391, 441. 10
Total expenditures (including reduction of the public debt required by law to be made from ordinary receipts)	3, 556, 957, 031. 00	3, 621, 314, 285. 00	3, 493, 584, 519. 40
Excess of receipts	252, 540, 283. 00	454, 283, 806. 00	635, 809, 921. 70

The Budget system has now been in effect a sufficient length of time to enable us to appreciate fully its far-reaching importance. It is directly responsible for our present position of financial stability. That position has been acquired by scientific management of our business affairs. This management has resulted in improvement throughout the entire field covered by Federal operations. It seems inconceivable that such progress could have been made in so short a period after the great world conflict. Yet it has been done. It demonstrates the efficiency of our form of government. The good of all the people is our controlling consideration. And because of this, scientific management of our affairs is essential. In slightly more than six years we have had substantial reductions in taxes and in that same period we have enhanced greatly the value of the service which we are rendering the people. We are raising money to pay our long-term commitments. We have provided for adequate national defense. Our housing problems are being cared for. All through our Government activities there have been improvement and progress. Federal activities have kept pace with a growing and progressive nation. This has all called for orderly procedure, and we are reaping the rewards which follow that course. We can well take the experience of the past as our index to future operations. If we proceed along the orderly lines followed these last years our continued success is assured.

TAX REDUCTION

Since 1920 there have been three reductions in taxes for the purpose of relieving the people of some of their war burdens. The act of November, 1921, lightened the tax load by a reduction of $663,000,000. The act of 1924 afforded additional relief of $519,000,000. The act of 1926 made a further reduction of $422,000,000. Taking these all together our tax demands have been lessened by $1,604,000,000. This in itself illustrates the value of orderly procedure. The people are permanently richer because of the diminished demands made by the Federal Government. And hand in hand with these material curtailments of the amounts taken from the people the public debt has been reduced. From a peak of more than twenty-six and a half billions of dollars the debt had been reduced on June 30, 1927, by $8,084,794,716. This lowering of the debt means an annual saving in interest of approximately $320,000,000. While this tangible and extraordinary saving emphasized the importance of debt reduction as a preliminary to ultimate adequate tax reduction we have at this time for consideration the question of further relief to those who pay Federal taxes.

In planning for a revision downward of tax rates the first question that presents itself is the amount of money that can safely be devoted to the purpose without curtailing necessary activities of the Government or threatening a

deficit. The extraordinary surplus of June 30, 1927, was $635,809,000, and was made possible by receipts from nonrecurring sources of $414,000,000, only $221,000,000 coming from current and continuing sources. Of this surplus $612,000,000 was applied to the public debt, effecting an annual interest saving of $24,000,000.

The estimated surplus for this year—which ends with June 30, next—is $454,000,000, of which $318,000,000 is from nonrecurring sources, and $136,000,000 from current and continuing sources. This is an increase of $254,000,000 over the estimate carried in the 1928 Budget, of which increase $158,000,000 is from miscellaneous receipts which include $154,000,000 in receipts from railroads. The remaining $96,000,000 of the increase is found in regular revenue returns.

The estimated surplus for 1929—the coming fiscal year—is $252,540,000, of which $75,000,000 is from nonrecurring sources. This surplus is reached by means of a fairly sanguine estimate of receipts and a carefully restricted estimate of expenditure. The expenditure estimate for 1929 of $3,557,000,000 includes nothing for flood control with the exception of the fifth-year allowance of $10,000,000 in the six-year program authorized by Congress. Other proposed major projects, not yet the subject of legislation, are not provided for in this estimate. It is reasonably certain that some of them will be enacted into law and will call for material advances from the Federal Treasury. This will doubtless have the consideration of the Congress. Careful study of all these factors points to a tax reduction of $225,000,000 as the maximum, and that amount only possible on the assumption that the estimates of expenditure for 1929 be not materially exceeded, and that additional continuing obligations be incurred only to the extent that absolute necessity from the standpoint of public need warrants. Adequate flood protection, of course, meets the requirement of absolute and urgent necessity.

Under the provisions of the Budget and Accounting Act I recommend to Congress that taxes be reduced by not to exceed $225,000,000.

IMPORTANCE OF A BALANCED BUDGET

Each of the three reductions in tax rates since November, 1921, has been measured on the certainty of our ability to stand such reductions. This is the only safe course. It has brought forth a balanced budget. In this we have found our financial stability. We have been operating on the wise plan that reduction in rates of Federal taxes should be permanent. This is the only proper basis for tax reduction. In a business of the magnitude of that of the Federal Government there must be a margin of safety. The fact that this margin has grown to large proportions in the past fiscal years carries no assurance that that will continue. I am in favor of tax reduction. I am not in favor of any such reduction as will jeopardize our financial stability. The assurance that Federal expenditures will be kept within Federal receipts has bulwarked public confidence, it has contributed measurably to the prosperous condition of the country, it has ministered to the justifiable pride of our people in their Government and in its orderly and sane processes. To jeopardize our balanced budget, to do anything that in the most remote degree would threaten to interfere with the orderly processes of wise financing, to take steps in the interest of tax reduction that would necessitate either revolutionary curtailment of important Federal projects and activities or compel a later upward revision of tax rates, or both, is unthinkable. I am convinced the people of this country are overwhelmingly in favor of keeping the Budget balanced and are just as overwhelmingly opposed to any measure or measures that would make any other result even remotely possible.

I am counting on the continued prosperity of the Nation in recommending a tax reduction of $225,000,000. I am also counting on the determined continuance of the campaign for rigid Government economy. I believe that a tax reduction in the sum which I have mentioned is justified. We must, however, preserve the sanctity of a balanced budget. Under the law made by the Congress the President can not countenance a program of expenditure or approve estimates for appropriations that threaten to interfere with the annual balancing of the National Budget.

Estimated receipts for the fiscal year ending June 30, 1927, as carried in the 1928 Budget totaled $4,026,780,688, and estimated expenditure was $3,643,701,593. The year closed, however, with actual receipts of $4,129,394,441.10 and actual expenditures of $3,493,584,519.40. We were fortunate in having a marked increase in receipts, while a material reduction in estimated expenditure, resulting largely from the continuing policy of economy, contributed to the creation of the largest surplus in history, $635,809,921.70.

In the Budget for 1928, transmitted to the Congress December 6, 1926, it was estimated that our receipts for that year would be $3,772,753,077 and our expenditures $3,572,049,214. The surplus indicated was $200,703,863. To-day our finances for 1928 present a more favorable outlook. It is now estimated that our receipts for the year now in progress will reach $4,075,598,091 and that our expenditures will be $3,621,314,285. This indicates a surplus of $454,283,806.

The estimates of appropriations contained in this Budget reach a total of $3,505,793,766, which is exclusive of the Postal Service payable from postal receipts. A comparison between the estimates in this Budget and those for the fiscal year 1928 should necessarily include the supplemental estimates for 1928. Many of these were presented to the Congress for consideration in the second deficiency bill, fiscal year 1927. That bill failed of enactment. There

has necessarily been a change in these estimates. In the following table a comparison is made with the estimates of appropriations contained in this Budget and the appropriations for 1928 coupled with the estimates pertaining to the latter fiscal year.

	Estimates of appropriations, 1929	Appropriations, 1928 [1]	Supplemental estimates submitted for 1928	Total for 1928
Legislative establishment	$16, 862, 930. 86	$16, 554, 579. 56	$1, 146, 608. 75	$17, 701, 188. 31
Executive office	437, 180. 00	438, 460. 00	90, 000. 00	528, 460. 00
Independent establishments:				
Alaska relief funds	15, 000. 00	15, 000. 00		15, 000. 00
Alien Property Custodian	7, 500. 00	98, 000. 00		98, 000. 00
American Battle Monuments Commission	700, 000. 00	600, 000. 00		600, 000. 00
Arlington Memorial Bridge Commission	2, 300, 000. 00	2, 500, 000. 00		2, 500, 000. 00
Board of Mediation	347, 902. 00	390, 000. 00		390, 000. 00
Board of Tax Appeals	720, 740. 00	712, 780. 00	9, 000. 00	721, 780. 00
Bureau of Efficiency	210, 350. 00	210, 350. 00		210, 350. 00
Civil Service Commission	1, 098, 752. 00	1, 007, 442. 00	191, 500. 00	1, 198, 942. 00
Commission of Fine Arts	7, 300. 00	7, 300. 00		7, 300. 00
Employees' Compensation Commission	3, 675, 000. 00	2, 698, 240. 00	950, 000. 00	3, 648, 240. 00
Federal Board of Vocational Education	8, 220, 000. 00	8, 165, 230. 00		8, 165, 230. 00
Federal Power Commission	120, 890. 00	42, 500. 00		42, 500. 00
Federal Radio Commission	80, 560. 00		52, 186. 00	52, 186. 00
Federal Reserve Board	2, 700, 000. 00	2, 700, 000. 00		2, 700, 000. 00
Federal Trade Commission	963, 000. 00	984, 350. 00		984, 350. 00
General Accounting Office	3, 820, 000. 00	3, 833, 000. 00	10, 400. 00	3, 843, 400. 00
Housing Corporation	475, 750. 00	564, 236. 00		564, 236. 00
International Trade Exhibition			150, 000. 00	150, 000. 00
Interstate Commerce Commission	7, 642, 337. 00	7, 811, 314. 00	170, 000. 00	7, 981, 314. 00
National Advisory Committee for Aeronautics	600, 000. 00	525, 000. 00	25, 000. 00	550, 000. 00
Public Buildings and Public Parks	2, 584, 980. 00	2, 422, 950. 00	31, 520. 00	2, 454, 470. 00
Smithsonian Institution	974, 761. 00	939, 711. 00	80, 000. 00	1, 019, 711. 00
Tariff Commission	749, 000. 00	682, 000. 00	39, 000. 00	721, 000. 00
United States Geographic Board	4, 300. 00	3, 945. 00		3, 945. 00
United States Shipping Board and Merchant Fleet Corporation	13, 688, 750. 00	12, 290, 000. 00		12, 290, 000. 00
United States Veterans' Bureau	560, 060, 000. 00	545, 865, 000. 00	19, 400, 000. 00	565, 265, 000. 00
Claims, judgments, etc		14, 000. 00	7, 919, 489. 11	7, 933, 489. 11
Total, Executive Office and independent establishments	612, 204, 052. 00	595, 520, 808. 00	29, 118, 095. 11	624, 638, 903. 11
Department of Agriculture	142, 753, 229. 00	139, 862, 989. 00	3, 481, 560. 00	143, 344, 549. 00
Department of Commerce	37, 599, 460. 00	36, 630, 450. 00	838, 000. 00	37, 468, 450. 00
Department of the Interior	300, 190, 089. 00	285, 810, 120. 00	13, 199, 801. 20	299, 009, 921. 20
Department of Justice	26, 784, 630. 00	26, 400, 889. 50	503, 296. 00	26, 904, 185. 50
Department of Labor	10, 735, 840. 00	10, 159, 516. 00	1, 000. 00	10, 160, 516. 00
Navy Department	362, 167, 020. 00	318, 131, 957. 00	23, 803, 362. 55	341, 935, 319. 55
Post Office Department, postal deficiency, payable from Treasury	15, 270, 042. 00	[2] [3] 30, 370, 000. 00	2, 032, 164. 30	[2] [3] 32, 402, 164. 30
State Department	14, 015, 188. 14	12, 155, 119. 41	971, 000. 00	13, 126, 119. 41
Treasury Department	316, 333, 562. 00	[4] 275, 732, 633. 00	52, 178, 222. 79	[4] 327, 910, 855. 79
War Department, including Panama Canal	398, 823, 143. 00	371, 904, 165. 00	30, 772, 778. 81	402, 676, 943. 81
District of Columbia	40, 431, 186. 00	38, 824, 385. 00	395, 795. 74	39, 220, 180. 74
Total, ordinary	2, 294, 170, 372. 00	2, 158, 057, 611. 47	[5] 158, 441, 685. 25	2, 316, 499, 296. 72
Reduction in principal of the public debt:				
Sinking fund	369, 209, 093. 53	354, 157, 085. 00		354, 157, 085. 00
Redemption of securities from Federal reserve bank and Federal intermediate credit bank franchise tax receipts	1, 000, 000. 00	800, 000. 00		800, 000. 00
Redemption of bonds, etc., account of repayments of principal and as interest payments on obligations of foreign governments	171, 214, 300. 00	181, 963, 650. 00		181, 963, 650. 00
Redemption of bonds, etc., account of forfeitures, gifts, etc	200, 000. 00	200, 000. 00		200, 000. 00
Principal of the public debt	541, 623, 393. 53	[2] 537, 120, 735. 00		[2] 537, 120, 735. 00
Interest on the public debt	670, 000, 000. 00	[2] 720, 000, 000. 00		[2] 720, 000, 000. 00
Total payable from the Treasury	3, 505, 793, 765. 53	3, 415, 178, 346. 47	[5] 158, 441, 685. 25	3, 573, 620, 031. 72
Postal Service payable from postal revenues	753, 000, 000. 00	[2] 724, 966, 200. 00		[2] 724, 966, 200. 00
Total, including Post Office Department and Postal Service	4, 258, 793, 765. 53	4, 140, 144, 546. 47	[5] 158, 441, 685. 25	4, 298, 586, 231. 72

[1] Includes $79,664,436 permanent and indefinite appropriations not included in Budget estimates prior to 1929.
[2] Revised to date.
[3] Heretofore included in estimates of appropriation for "Postal Service payable from postal revenue."
[4] Includes $107,000,000 1927-28 supplemental appropriation for internal revenue refunds.
[5] Exclusive of $45,233,508.02 for requirements of fiscal year 1927 including deficiencies and replacement of amoun advanced from appropriations for fiscal year 1928.

The Budget for 1929, herewith submitted, is more complete than any of its predecessors. It is the intent of the law creating a Budget system for the Federal Government that the annual Budget include estimates for all needs of the Government for the full 12 months for which Budget estimates are submitted. In our great and growing Government changes are kaleidoscopic and new needs and imperative new demands arise overnight calling for congressional help. The Chief Executive is committed by law to the policy of making each annual Budget a complete provision for a full year, appreciating the wisdom of such a policy. While actual deficits are rare, supplementals, because of the reasons cited, persist, and persist large in amount and many in number.

Estimates of this character, which have already been submitted to this Congress for inclusion in the urgent deficiency bill, total approximately $204,000,000. Of this amount, $106,000,000 is made necessary by new legislation. Of the balance of approximately $98,000,000, the sum of $43,000,000 is required for tax refunds, $7,000,000 for emergency flood relief, $8,000,000 for claims and judgments, while the remainder is needed for national defense or to meet demands of policies that have congressional approval. The nonenactment of the second deficiency bill during the session of Congress which closed March 4, 1927, necessarily adds to the total of these supplemental estimates which must now be presented to the Congress.

REFUNDING TAXES

I believe the time has come when our estimates of appropriations for refunding taxes illegally collected should be reflected in the appropriation items requested in the Budget. In prior years this item of expense, while reflected in Budget estimates of expenditure, has not been fully reflected in the annual estimates for appropriations. The operation has been conducted on a calendar-year basis by making the refundment of taxes an item for inclusion as a supplemental, rather than Budget, estimate. The Budget herewith, contains an estimate of $135,000,000 for refundment of taxes for the full fiscal year 1929. This is in harmony with the plan to have the Annual Budget estimates reflect the conditions for the fiscal year to which they relate. The balance of the current fiscal year will be covered by a supplemental estimate.

In the development of this plan the estimates of appropriations in this Budget carry approximately $80,000,000 more for permanent and indefinite appropriations than has appeared in preceding Budgets. This is all in the interest of having the Budget estimates reflect actual requirements. This is a step in the right direction. It narrows the margin between our estimate of appropriations and the estimate of expenditure. The latter estimate has always carried these items, but their reflection elsewhere in the Budget as estimates of appropriations is most desirable. Taking the refundment of taxes item and these additional permanent and indefinite funds together we have an increase of $230,000,000 over what would have been required under the plan of estimates heretofore followed in preparing the annual Budgets. This is not a real increase, as these items have always been included in the estimates of expenditure.

CIVILIAN EMPLOYEES

The Budget herewith contains for the first time estimates of appropriations for commencing liquidation of the liability of the Government to both the civil-service and foreign-service retirements. The Congress wisely authorized submission of estimates for this purpose. This conforms to the principle under which we have been operating to amortize our long-term commitments. For the civil-service retirement fund the estimate is $19,950,000 and for the foreign-service retirement fund $213,000. The Government board of actuaries estimates that an annual appropriation of the former amount for 71 years and of the latter amount for 60 years will meet fully the accrued and accruing liability of the Government to these two funds. Since these estimates are based on the present pay roll, any increase in the roll will be reflected in a reduction of the time in which the liability of the Government will be fully discharged. An increase of 1 per cent annually in the pay roll of those contributing to the civil-service retirement fund would reduce the period of amortization from 71 to 42 years.

We are necessarily concerned in the Federal pay roll. This concern involves both the interests of the taxpayers and those who are on the rolls. The effort has been to do equal justice to both. The classification act of 1923, with the extension of comparable rates of compensation to those in the field service, has substantially met the situation. In 1923 the average salary of Federal employees at the seat of government was $1,674. When the classification act went into effect in 1924 it increased the average salary to $1,749. For the fiscal year 1927 the average salary had increased to $1,846. For 1928 the average salary will be about $1,886 and for 1929 will amount approximately to $1,897. Adequate provision has been made for those employees who are injured in line of duty and for those who are retired because of permanent disability or age. The allowance for annual and sick leave, the reasonable hours of daily service under favorable working conditions, and the permanency of employment are other factors which favor the Government worker. Taking all things into consideration, I feel that the Government is liberal in the treatment of its employees. If this were not so, it is hardly possible that the civil-service records would show that more than a quarter of a million persons sought Federal employment in 1927 when the number of vacancies was only 38,700. All our investigations show that in places paying less than $2,500 to $3,000 the rate of pay by the Government is higher than in comparable places in private employ.

NATIONAL DEFENSE

In 1927 there was available for expenditure for defense purposes, excluding all nonmilitary items and retired pay, $576,000,000. The current year's availability will be $625,000,000, while this Budget contemplates available defense funds of approximately $645,000,000.

The estimates carry $48,000,000 for increase of the Navy. This provides for prosecution of work on all projects authorized by the Congress with the exception of 3 submarines and 12 destroyers authorized in 1916, for which no funds are desired at this time. Navy craft under construction in 1929 will comprise 2 submarines and 8 cruisers, of which 2 will be practically completed in 1929—the *Pensacola* and *Salt Lake City*. Ample funds are provided in the estimate for the modernization of the battleships *Oklahoma* and *Nevada*, in accordance with the approved modernization program. Necessary funds are provided to carry out the third increment of the five-year air program. It is expected with the funds recommended, the Navy at the end of the coming fiscal year will have 696 planes of the 1,000 final total contemplated in the program approved by the Congress. Additional funds are also recommended for the lighter-than-air ship, for which Congress has already appropriated $200,000.

Army estimates contemplate a Regular Army of 118,750 men with 12,000 officers, 30,000 trainees for the Citizens' Military Training Camp, 15,725 trainees in the Organized Reserve, 125,000 cadets in the Reserve Officers' Training Corps, and a National Guard strength of 188,000 men.

The total availability asked for Army housing in 1929 is $7,115,000, including contract authorization. There is carried in the supplemental estimates for 1928 the sum of $6,166,000 for Army housing, that being the amount which failed of enactment in the second deficiency bill in the last Congress. This makes a total available in the two estimates of $13,281,000, and completes the authorizations so far made by Congress for this purpose. In addition thereto the amount recommended for repair and maintenance of barracks, quarters, sewers, roads, and water systems amounts to $10,440,000, an increase of $1,672,500 over available funds this current year. Included in these estimates also is an increase of $2,000,000 over the 1928 appropriation for ammunition. Estimates herewith for the Army Air Corps provide for the second year increment in the five-year program looking toward 1,800 airplanes at the end of the five years.

AIR SERVICE

We have proceeded sufficiently far in our air service program to show the wisdom of the legislative policy with regard to this important and developing line of Federal activity. Under this policy the needs of the Federal Government are being met with orderly stimulation of private industry. The appropriations of the past as well as the estimates now submitted are all in furtherance of this policy. Our procurement of aircraft and accessories is from private industry. This is as it should be. We have gone further than this. Private industry is now operating by contract our entire postal air mail service. We now have 13 contract mail routes in operation and 7 others under contract with a view to their early operation. We can point with pride to the Federal operation of the postal air mail service. Such operation was necessary in the beginning. We can point with equal pride to the turning of that service over to private industry for operation under contract. That has resulted largely from the policy which this Nation has been pursuing in air navigation. That policy, probably more than any one other thing, made possible the handling of this business by private enterprise. In the realm of navigation by air, I have mentioned elsewhere the provision made in these estimates for carrying on the five-year air programs for the Army and Navy. In our civil work the Coast Guard, the Prohibition Service, and the Forest Service are also operating airplanes. The Department of Commerce is also using planes in its air navigation work. Provision for all of these is made in the estimates herewith submitted, which also carry funds for further development of our lighted airways. With regard to this latter Federal function, the end of the next fiscal year under the estimate herein submitted should see more than 10,000 miles of lighted airways.

FEDERAL AID TO STATES

I am including in this Budget an estimate of $1,108,000 for the promotion of the welfare and hygiene of maternity and infancy. I refer to this estimate for two reasons. The first is, that the authorization for this appropriation expires with the fiscal year 1929. The second is, that it marks the termination of Federal contribution to a project which is for State control and administration. The extension for two years of the provisions of the act for the promotion of the welfare and hygiene of maternity and infancy was approved with the understanding that its administration during these two added years would be with a view to the discontinuance of Federal aid thereafter. Six years of experience under the able administration that has characterized the Government's policy warrants this permanent withdrawal of Federal aid, assured that the States are now or should be able to carry on this work without aid or interference from the Federal Government.

This opens up the whole subject of State aid, which despite frequent warnings continues strongly intrenched in Federal operations. While the amount of money taken annually from the Federal Treasury for subsidies to States is not inconsiderable, the dangers inherent in the policy are of far greater importance. To relieve the States of their

just obligations by resort to the Federal Treasury in the final result is hurtful rather than helpful to the State, and unfair to the payers of national taxes. To tempt the States by Federal subsidies to sacrifice their vested rights is not a wholesome practice no matter how worthy the object to be attained. Federal interference in State functions can never be justified as a permanent continuing policy even if, which is doubtful, such interference is warranted by emergent conditions as a temporary expedient. As shown in the maternity and infancy act, when once the Government engages in such an enterprise it is almost impossible to terminate its connection therewith. We should not only decidedly refuse to countenance additional Federal participation in State-aid projects, but should make careful study of all our activities of that character with a view to curtailing them.

FEDERAL BUILDINGS

With a view to expediting the construction program authorized by the public buildings act of May 25, 1926, estimates of appropriations amounting to $8,131,000 will be submitted for the consideration of Congress in the first deficiency bill of this fiscal year. This amount will pertain to the projects included in the public buildings appropriation bill which failed of passage the last fiscal year and for which authority to enter into contracts has been previously authorized. The estimates submitted with this Budget provide for projects at limits of cost aggregating $53,577,000, and carry a total request for appropriation of $13,000,000. This amount, together with the appropriations already available and those requested in the urgent deficiency for this year, will provide ample funds for expenditure within the yearly limit of $25,000,000 fixed in the act.

REDUCTION IN SIZE OF PAPER CURRENCY

During the past year an exhaustive study involving the designs of the paper currency issues of the United States has been completed and definite conclusions have been reached. New designs are being prepared which will eliminate the existing confusion, and the size will be reduced about one-third.

For many years there has been a constantly growing demand for increased supplies of paper currency. Many factors have entered into the situation, among them being the growth of the country in population and wealth, and the more extended use of paper instead of coin. During the past decade the paper currency outstanding has increased from 536,600,000 pieces, in amount exceeding $4,212,000,000, to 865,300,000 pieces, in amount approximating $5,715,000,000. In order to meet the currency requirements, the Bureau of Engraving and Printing delivered 514,688,000 pieces during 1917, and 992,339,000 pieces during 1927. Constantly increasing appropriations have been required and it was apparent should the increase continue it would be necessary to provide additional production facilities. Both of these considerations have been effectively met by the action taken.

The reduction in size will serve the public convenience, will create substantial savings in expense of manufacture, and will insure that existing manufacturing facilities will meet increased demands for many years to come.

SECOND LIBERTY LOAN

The retirement and refunding of our second Liberty loan has aided materially in lessening our interest charges. On February 28, 1927, there were outstanding $3,104,520,050 second Liberty loan bonds, practically all of which bore interest at the rate of 4¼ per cent. From February 28, 1927, to November 18, 1927, bonds to the value of $575,000,000 were retired with funds available for debt reduction. The remainder, approximately $2,500,000,000, are being refunded into securities bearing interest at the rate of 3½ per cent and under. The saving in annual interest by the debt reduction effected by retirement of these bonds amounts to over $24,000,000 and the annual saving effected by the refunding operations will amount to more than $21,000,000, making a total annual saving in interest of more than $45,000,000. The total reduction of annual interest due to refundings and payments on the national debt for the calendar year 1927 will be about $75,000,000.

CALVIN COOLIDGE.

THE WHITE HOUSE,
December 5, 1927.

THE CHART PRESENTATION

The chart presentation of the estimates of receipts, expenditures, and appropriations for the fiscal year ending June 30, 1929, given opposite page A2, sets forth graphically the source of income and how the average dollar of the estimated expenditures and appropriations is apportioned to organization units and functions in the Budget for the fiscal year 1929.

Chart 1 exhibits the estimates of appropriations by organization units, exclusive of the Post Office Department payable from postal revenues, and gives the allocation of the average dollar to the several departments and establishments for which the appropriations are recommended. It will be seen that of the average dollar to be appropriated 0.48 cent is for the legislative establishment; 17.52 cents for independent offices, of which 16.04 cents is for the Veterans' Bureau; that 4.09 cents is for the Department of Agriculture; 8.60 cents for the Department of the Interior; 10.38 cents for the Navy Department; 11.42 cents for the War Department; 43.78 cents for the Treasury Department, of which 19.20 cents is for interest on the public debt and 15.52 cents for reduction in principal of the public debt payable from ordinary receipts; and only 3.63 cents for the Departments of Commerce, Justice, Labor, and State, the District of Columbia, and the Executive Office.

Chart 2 gives the estimates of appropriations by governmental functions and exhibits the purpose for which the average dollar is to be appropriated for the fiscal year 1929. It shows that of each dollar recommended for appropriation 3.35 cents goes for general functions; 39.97 cents for military functions, of which 18.46 cents is for national defense and 21.51 cents for military pensions, retirement pay, annuities, World War allowances, and life-insurance claims. It also shows that of the average dollar to be appropriated 14.53 cents is for civil functions, of which 1.19 cents is for promotion, regulation, and operation of marine transportation, and 4.46 cents for public works. Of the total, 42.15 cents of each dollar included in the estimates is for nonfunctional purposes. This includes 4.46 cents for refunds, drawbacks, and like appropriations, 15.52 cents for public-debt retirements, and 19.20 cents for interest on the public debt.

Chart 3 gives the estimates of expenditures by organization units for the fiscal year 1929. Of the average dollar to be expended it shows that 11.60 cents will be disbursed by the Veterans' Bureau; 4.12 cents by the Department of Agriculture; 1.06 cents by the Department of Commerce; 7.90 cents by the Department of the Interior; 0.75 cent by the Department of Justice; 0.30 cent by the Department of Labor; 10.44 cents by the Navy Department; 11.29 cents by the War Department; 0.39 cent by the State Department; 43.34 cents by the Treasury Department, of which 15.06 cents represents reduction in principal of public debt payable from ordinary receipts, and 18.83 cents for interest on the public debt; 1.09 cents by the District of Columbia; 0.43 cent for postal deficiency; 5.21 cents for investment of trust funds; and but 2.08 cents to be disbursed by the legislative branch, the independent establishments other than the Veterans' Bureau, and the Executive Office.

Chart 4 gives the estimate of expenditures by governmental functions. It supplies information showing for the average dollar the general end or purpose to be accomplished by the expenditures during the fiscal year 1929. Of the average dollar to be expended during that fiscal year 3.37 cents will be spent for the general functions of the Government; 37.08 cents will go for military functions, of which 18.50 cents is for national defense, and 18.58 cents for military pensions, retirement pay, annuities, World War allowances, and life-insurance claims. The chart also shows that 15.26 cents will be expended for civil functions, of which 1.31 cents goes for promotion, regulation, and operation of marine transportation, 5.78 cents for public works, and 8.17 cents for other civil functions; that 44.29 cents will be expended for nonfunctional operations, of which 4.54 cents represents refunds and miscellaneous; 34.06 cents for fixed-debt charges, of which 15.23 cents is for public-debt retirements payable from ordinary receipts, 18.83 cents for interest on the public debt, and 5.69 cents for the disbursement of trust funds.

Chart 5 exhibits the estimated receipts of the Government by sources of revenue, exclusive of postal revenues for the fiscal year 1929. Of the average dollar to be received 71.03 cents comes from internal revenue, 15.80 cents will be received from customs, and 13.17 cents will be derived from miscellaneous sources, which comprise interest and discount, sale of Government property, public-domain receipts, fees, fines, penalties and forfeitures, gifts and contributions, repayments of investments, District of Columbia receipts, Panama Canal receipts, and trust-fund receipts.

The amounts which form the basis for computing the allocation of the average dollar for the estimates of appropriations by functions for the fiscal year 1929, Chart 2, are given in detail in Budget statement No. 11. The data used for the income statement, Chart 5, are supplied by Budget statement No. 6; the data for computing the average dollar for the estimated expenditures by functions, Chart 4, are given in Budget statement No. 14. The data for Chart 3, giving the average dollar allocation of the estimates of expenditures by organization units, are given in Budget statement No. 2, and similar data for Chart 1 are given in the recapitulation of estimates of appropriations.

Chart 5 does not include the estimated postal revenues for the fiscal year 1929, because such revenues are not considered receipts of the general fund.

Comparative statement showing how the average dollar of estimates of appropriations and expenditures, exclusive of the Postal Establishment payable from postal revenues, is apportioned to governmental functions in the Budget for the fiscal year ending June 30, 1929

Function	Estimates of appropriations, excluding Postal Establishment payable from postal revenues	Estimates of expenditures, excluding Postal Establishment payable from postal revenues
	Cents	*Cents*
1. General functions	3. 35	3. 37
2. Military functions:		
1. National defense	18. 46	18. 50
2. Military pensions, retirement pay, annuities, World War allowances, and life-insurance claims	21. 51	18. 58
Total, military functions	39. 97	37. 08
3. Civil functions:		
1. Promotion, regulation, and operation of marine transportation	1. 19	1. 31
2. Public works	5. 24	5. 78
3. Other civil functions	8. 10	8. 17
Total, civil functions	14. 53	15. 26
4. Nonfunctional operations:		
1. Refunds and miscellaneous	4. 45	4. 54
2. Fixed debt charges—		
1. Public-debt retirements from ordinary receipts	15. 52	15. 23
2. Interest on the public debt	19. 20	18. 83
Total, fixed debt charges	34. 72	34. 06
3. Trust funds	2. 98	5. 69
Total, nonfunctional operations	42. 15	44. 29
Total	100. 00	100. 00

Comparative statement showing how the average dollar of estimates of appropriations and expenditures, exclusive of the Postal Establishment payable from postal revenues, is apportioned to organization units in the Budget for the fiscal year ending June 30, 1929

Organization unit	Estimates of appropriations, excluding Postal Establishment payable from postal revenues	Estimates of expenditures, excluding Postal Establishment payable from postal revenues
	Cents	*Cents*
1. Legislative	0. 48	0. 49
2. Executive	. 01	. 01
3. Independent offices:		
1. United States Veterans' Bureau	16. 04	11. 60
2. All other	1. 48	1. 58
Total, independent offices	17. 52	13. 18
4. Department of Agriculture	4. 09	4. 12
5. Department of Commerce	1. 08	1. 06
6. Department of the Interior	8. 60	7. 90
7. Department of Justice (including judicial)	. 77	. 75
8. Department of Labor	. 31	. 30
9. Navy Department	10. 38	10. 44
10. Post Office Department (estimated deficiency)		. 43
11. State Department	. 40	. 39
12. Treasury Department	43. 78	43. 34
13. War Department (including Panama Canal)	11. 42	11. 29
14. District of Columbia	1. 16	1. 09
15. Investment of trust funds		5. 21
Total	100. 00	100. 00

CHARTS OF ESTIMATES OF APPROPRIATIONS, EXPENDITURES, AND RECEIPTS OF THE U.S. GOVERNMENT, EXCLUDING THE POST OFFICE DEPARTMENT, FOR THE FISCAL YEAR ENDING JUNE 30, 1929.

CHART 1, ESTIMATES OF APPROPRIATIONS BY ORGANIZATION UNITS.

LEGISLATIVE ESTABLISHMENT	$ 16.862.931	0.48 %
EXECUTIVE OFFICE	437.160	0.01
U.S. VETERANS' BUREAU	560.060.000	16.04
OTHER INDEPENDENT ESTABLISHMENTS	51.706.872	1.48
DEPARTMENT OF AGRICULTURE	142.753.229	4.09
DEPARTMENT OF COMMERCE	37.599.460	1.08
INTERIOR DEPARTMENT	300.190.089	8.60
DEPT. OF JUSTICE, INCLUDING JUDICIAL	26.784.630	0.77
DEPARTMENT OF LABOR	10.735.840	0.31
NAVY DEPARTMENT	362.167.020	10.38
STATE DEPARTMENT	14.015.188	0.40
TREASURY DEPARTMENT PROPER	316.333.562	9.06
PUBLIC DEBT RETIREMENT	541.623.394	15.52
INTEREST ON PUBLIC DEBT	670.000.000	19.20
WAR DEPARTMENT, INCL. PANAMA CANAL	398.823.143	11.42
DISTRICT OF COLUMBIA	40.431.186	1.16
TOTAL ESTIMATES OF APPROPRIATIONS	$ 3.490.523.724	100.00 %

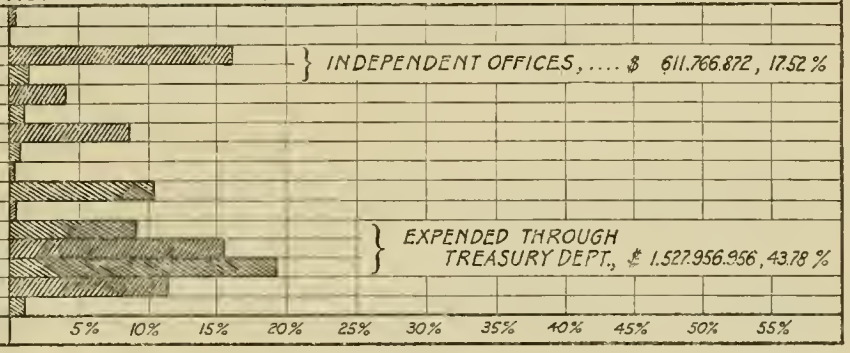


CHART 2, ESTIMATES OF APPROPRIATIONS BY GOVERNMENT FUNCTIONS.

GENERAL FUNCTIONS	$ 116.763.803	3.35 %
NATIONAL DEFENSE	644.413.088	18.46
MIL. PENSIONS, RETIREMENT PAY, LIFE INS., ETC.	750.899.132	21.51
PUBLIC WORKS	182.877.435	5.24
PROMOTION, ETC. OF MARINE TRANSPORTATION	41.456.154	1.19
OTHER CIVIL FUNCTIONS	282.798.443	8.10
REFUNDS	155.664.000	4.45
PUBL. DEBT RETIREMENT FROM ORDINARY RECEIPTS	541.623.394	15.52
INTEREST ON PUBLIC DEBT	670.000.000	19.20
TRUST FUNDS	104.028.295	2.98
TOTAL ESTIMATES OF APPROPRIATIONS	$ 3.490.523.724	100.00 %

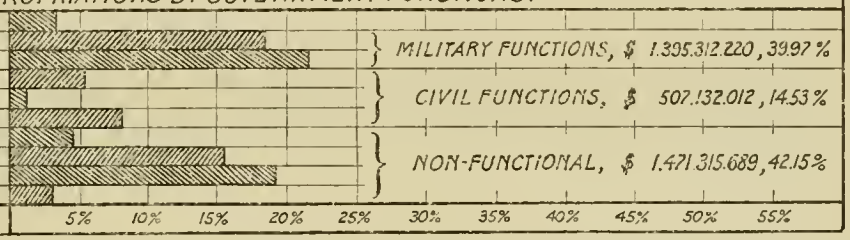


CHART 3, ESTIMATED EXPENDITURES BY ORGANIZATION UNITS.

LEGISLATIVE ESTABLISHMENT	$ 17.290.461	0.49 %
EXECUTIVE OFFICE	420.700	0.01
U.S. VETERANS' BUREAU	412.652.360	11.60
OTHER INDEPENDENT ESTABLISHMENTS	56.226.986	1.58
DEPARTMENT OF AGRICULTURE	146.593.049	4.12
DEPARTMENT OF COMMERCE	37.767.000	1.06
INTERIOR DEPARTMENT	280.974.343	7.90
DEPT. OF JUSTICE, INCLUDING JUDICIAL	26.653.460	0.75
DEPARTMENT OF LABOR	10.725.840	0.30
NAVY DEPARTMENT	371.227.000	10.44
DEFICIENCY IN POSTAL REVENUES	15.270.042	0.43
STATE DEPARTMENT	13.939.006	0.39
TREASURY DEPARTMENT PROPER	336.084.835	9.45
PUBLIC DEBT RETIREMENT	535.323.394	15.06
INTEREST ON PUBLIC DEBT	670.000.000	18.83
INVESTMENT OF TRUST FUNDS	185.201.640	5.21
WAR DEPARTMENT, INCL. PANAMA CANAL	401.756.915	11.29
DISTRICT OF COLUMBIA	38.850.000	1.09
TOTAL ESTIMATED EXPENDITURES	$ 3.556.957.031	100.00

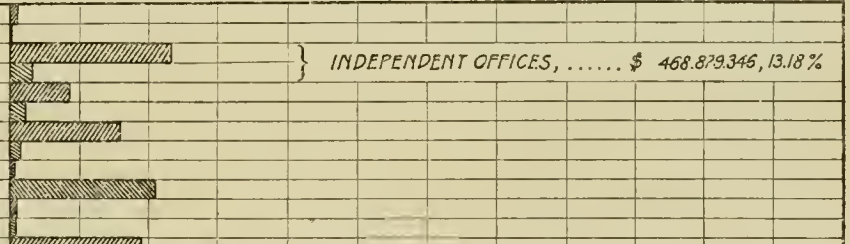


CHART 4, ESTIMATED EXPENDITURES BY GOVERNMENT FUNCTIONS.

GENERAL FUNCTIONS	$ 119.945.855	3.37 %
NATIONAL DEFENSE	658.003.813	18.50
MIL. PENSIONS, RETIREMENT PAY, LIFE INS., ETC.	660.981.597	18.58
PUBLIC WORKS	205.585.545	5.78
PROMOTION, ETC., OF MARINE TRANSPORTATION	46.501.418	1.31
OTHER CIVIL FUNCTIONS	290.606.044	8.17
REFUNDS AND MISCELLANEOUS	161.470.325	4.54
PUBL. DEBT RETIREMENT FR. ORDINARY RECEIPTS	541.623.394	15.23
INTEREST ON PUBLIC DEBT	670.000.000	18.83
TRUST FUNDS	202.239.040	5.69
TOTAL ESTIMATED EXPENDITURES	$ 3.556.957.031	100.00 %

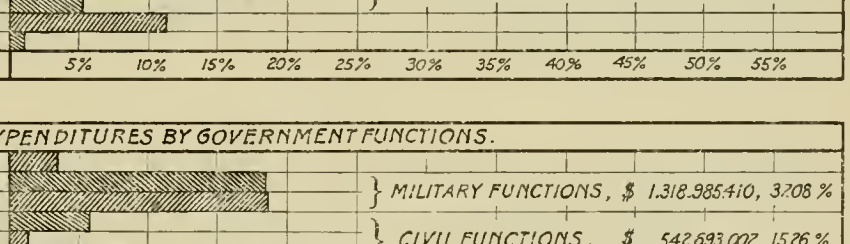
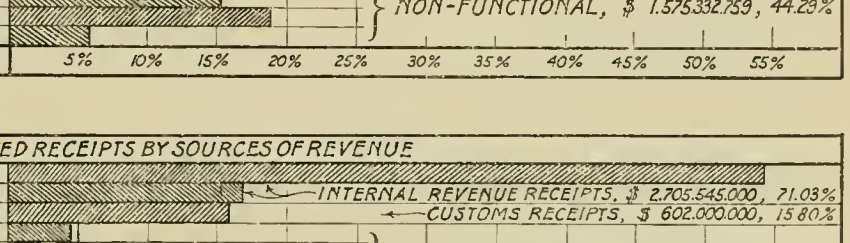


CHART 5, ESTIMATED RECEIPTS BY SOURCES OF REVENUE

INCOME AND PROFITS TAX	$ 2.065.000.000	54.21 %
MISCELLANEOUS INTERNAL REVENUE	640.545.000	16.82
CUSTOMS REVENUE	602.000.000	15.80
INTEREST, PREMIUM, AND DISCOUNT	168.735.153	4.43
FEES, FINES, PENALTIES, AND FORFEITURES	33.088.750	0.87
REPAYMENTS OF INVESTMENTS	61.311.989	1.61
TRUST FUND RECEIPTS	104.037.200	2.73
OTHER MISCELLANEOUS RECEIPTS	134.779.222	3.53
TOTAL ESTIMATED RECEIPTS	$ 3.809.497.314	100.00 %



Bureau of the Budget, December 5, 1927.

DESCRIPTION OF GOVERNMENTAL FUNCTIONS

INTRODUCTION

A classification by governmental functions has for its purpose to set forth the general end or purposes accomplished by the expenditures made by the several organization units of the Government. Each function of government represents a service rendered directly to the people or else a service performed as a means of promoting, protecting, regulating, or administering services directly rendered.

The classification set forth on statements Nos. 11 and 14 presents, first, the general functions of the Government. These correspond closely to the main organs of government established by the Constitution. The general functions have been divided into the following:

1. Legislative,
2. Judicial,
3. Executive, and
4. General administration.

The activities and duties of each of these deal with matters in all other functional fields.

Of the specific functions it is important in the case of the National Government to segregate clearly the expenditures for military and distinctly war purposes from expenditures for civil services. Therefore a segregation is made of the specific functions into the following classes:

1. Military functions.
2. Civil functions.
3. Nonfunctional expenditures.

The military functions represent those activities conducted for military and war purposes and include those activities of special war agencies and expenditures made by civil services arising from war conditions. These were of special importance during the recent World War, and some of them are likely to continue for an indefinite period.

The civil functions include those functions of government which have to do with the promotion of friendly relations with foreign powers; those which have to do with the conservation of social order and property; those which have to do with the conservation of natural resources and economic interests of the people; those activities which relate to the promotion and protection of health, the care and education of Indians, and the promotion of public education, educational research, and science.

The nonfunctional expenditures include certain important expenditures which are of a nonorganizational character. These are for the most part expenditures arising out of war, such as interest on and redemption of public debt, investments, refunds, and disbursement of trust funds.

The "refunds" and "investments" are segregated from other departmental expenditures because the former represents the repayment or refund of the whole or part of an amount previously received in payment of indebtedness to the United States, and the latter represents expenditures made in the purchase of notes, bonds, and other choses in action, and loans to foreign governments, railroads, and the like, which are not expenses of operation but the conversion of cash into other assets.

DEFINITIONS OF GOVERNMENTAL FUNCTIONS

For the purpose of defining the expenditures or appropriations comprehended within each general function, the following definitions are given:

Legislative.—Under this function are grouped only those activities of Congress as a legislative body.

Judicial.—Under this function are grouped those expenditures having to do with the judicial branch of the Government. It includes all United States courts expenses other than the District of Columbia courts, which are included under "Local government."

Executive.—Under this function are included the direct cost of the Executive Office, including the salary and expenses of the President and Vice President and the cost of maintaining the Executive Mansion and grounds.

General administration.—Under this heading are grouped the expenditures of certain administrative agencies which are of a general character, dealing with matters in all the various fields of administrative functions and those departmental expenditures which can not now be allocated to specific civil functions.

This general title includes expenditures for (1) financial administration, (2) Government supply services, (3) public-buildings service, (4) civil pensions and allowance administration, and (5) institutional and general expenses.

Under "Financial administration" are included the Treasury fiscal services, the Bureau of the Budget, the services having to do with the collection of taxes, the public-debt service, and the General Accounting Office.

Under "Government supply services" are included those organization units of the Government whose function it is to supply personnel, services, or materials to all other agencies of the Government. It includes such services as the Civil Service Commission, the Bureau of Efficiency, the Government Printing Office, the Superintendent of Public Documents, the Bureau of Engraving and Printing, the Government fuel yards in the District of Columbia, the General Supply Committee, and the Coordinator of General Supply.

Under "Public buildings service" are included all expenses incurred in connection with the maintenance and operation of public buildings within and without the District of Columbia. It includes the maintenance and operation of the Capitol Building and Grounds, the Senate and House Office Buildings, the Capitol power plant, all other building maintenance and operation expenditures connected with the legislative branch, and like expenses for maintenance and operation of buildings under the office of Public Buildings and Public Parks of the National Capital, Interior Department buildings, Treasury Department buildings, public buildings under the Supervising Architect of the Treasury, public buildings and grounds under the Chief of Engineers of the Army, and the Congressional Library buildings and grounds.

The "Civil pensions and allowance administration" comprise the general expenses of the Employees' Compensation Commission and the cost of administering the act retiring civil-service employees, which is supervised by the Pension Office of the Interior Department. It excludes the payments made out of the employees' compensation fund, which are reported under "Promotion of labor interests."

The "Institutional and general expenses" include only the salaries and expenses of the Treasury and Interior Departments not directly chargeable to any specific civil function. These include the salaries of the chief clerk's office of the Treasury Department (other than those relating to buildings service); other institutional services of the Treasury Department, such as appointment division, the printing division, the disbursing clerk, and the mail and files division; and like expenses of the Interior Department.

National defense.—Under this general title are included the military activities of the War Department, the naval and military activities of the Navy Department, and the special defense appropriations given directly to the civil departments. It excludes all trust fund expenditures.

This general title includes the military activities of (1) the War Department, (2) the Navy Department, and (3) the special-defense appropriations given to civil establishments.

Under "War Department" are included the salaries and contingent expenses of the department proper and all military activities involved in recruiting, training officers and men at schools and training camps, maintenance and operation of armed forces, and provisions for war equipment and stores, which comprehend the purchase, operation, maintenance, or construction, as the case may be, of fortifications, ordnance, ammunition, and other military equipment and supplies.

Under the "Navy Department" are included the salaries and contingent expenses of the department proper, and all naval and military activities involved in the maintenance, equipment, and training of regular forces, the militia and other reserve forces as indicated in the preceding paragraph, inclusive of the cost of operation, maintenance, construction, or purchase of vessels, ordnance, ammunition, and of plants and materials for the manufacture of supplies and equipment for use by the Navy.

Special war agencies.—Under this caption are included the war agencies organized in 1917 as a result of the World War.

Military pensions, retirement pay, annuities, World War allowances, and life-insurance claims.—Under this group are included all payments to persons by way of accruals or fixed charges made as compensation for past military services to the Government, including pensions on account of disability or death due to military service, pensions on account of services, salaries commencing to accrue to retiring military officers and enlisted men immediately on their leaving active service, allowances on account of military and naval services in the World War, losses on Government life-insurance policies, and salaries and expenses of the United States Veterans' Bureau; also the salaries and expenses of the Pension Office of the Interior Department, exclusive of the administration of the act retiring civil-service employees.

Foreign relations and protection of American interests abroad.—Under this general title of civil functions are included the activities of the State Department in the conduct of relations with foreign governments, local representation abroad, cooperation for settlement of international controversies, and the promotion of friendly intercourse with foreign peoples.

General law enforcement.—Under this general title are included the activities having to do with the enforcement of the general laws and the administration and enforcement of special acts like the national prohibition act, the narcotic act, and the investigation and prosecution of war contract frauds.

Provision for control of currency and banking.—Under this function are included the expenses incurred in connection with the regulation of currency and of banking through the office of the Comptroller of the Currency and public-debt service; the Federal Reserve Board; the Federal Farm Loan Bureau; and the expenditures made by the Bureau of the Mint and mint and assay offices in the maintenance of a money standard.

Administration of Indian affairs.—Under this caption are grouped the expenditures of the National Government in the care and education of the Indian wards of the Nation.

Administration of public domain.—Under this general title are included the activities of the Government having to do with the care and utilization of public lands and the care and utilization of the national forests.

Promotion and regulation of commerce and industry.—Under this general title are included those activities of the several departments and independent establishments having to do with the promotion and regulation of commerce and industry.

Promotion, regulation, and operation of marine transportation.—Under this general title are included the activities having to do with the preparation of charts and sailing directions, the supplying of public facilities for navigation, the provision for a merchant marine, and the rescue and relief of seamen and passengers, including the activities of the United States Shipping Board and Merchant Fleet Corporation, and the Coast Guard Service.

Promotion and regulation of land transportation.—Under this general title are included those activities of the Government having to do with the promotion and regulation of land transportation, including the Federal control of transportation systems exercised during the World War, and the payments and advances made by the Government since the termination of Federal control in the form of guaranties as provided by the transportation act of 1920.

Postal Service.—Under this general title are included the deficiencies in postal revenues paid from the Treasury.

Promotion and regulation of agriculture.—Under this function are grouped the activities of the Department of Agriculture in the promotion of agriculture and game preservation and the expenses incurred through the State Department in the support of the International Institute of Agriculture at Rome, Italy.

Promotion and regulation of fisheries.—Under this function are grouped those activities of the Department of Commerce in the propagation and distribution of food fishes, the protection of Alaska seal and salmon fisheries in Alaska, and other like activities.

Promotion of labor interests.—Under this particular function are grouped the activities of the independent establishments and the Department of Labor having to do with the compilation of labor laws and statistics, the investigation of labor questions, the improvement in housing conditions, the establishment of employment agencies, the payments made by the United States Employees' Compensation Commission to Government employees from the compensation fund, and other like activities.

Immigration and naturalization.—Under this general title are included the expenses involved in regulating immigration, preventing importation of contract labor, the enforcement of laws against alien anarchists, deportation of aliens, care of interned aliens, and the regulation of naturalization.

Promotion of public health.—Under this general title are included those activities having to do with the promotion and protection of public health, exclusive of the Medical Corps of the Army, the Bureau of Medicine and Surgery of the Navy Department, the medical corps of institutions for the care of aged and sick soldiers and sailors, and like expenditures of the Veterans' Bureau, all of which are reported under military functions.

Promotion of public education.—Under this general caption are included those activities of the several departments and independent establishments having to do with the promotion of public education and all activities of the Federal Board for Vocational Education.

Science and research.—Under this general title are included the activities of the Government having to do with the investigation and publication of knowledge gained and verified by exact observation; the reporting of results of investigations that have been worked out and systematized concerning some subject or group of subjects of ascertained facts, and the principles covering or attempting to give adequate expression to a great natural group or division of knowledge. In addition, it also includes those research activities conducted for the purpose of adding to human knowledge, such as investigations of some phenomenon or series of phenomena by experimental methods to discover facts or to coordinate them as laws.

Public works.—Under this general heading are included the capital expenditures of the Government in constructing public works within and without the District of Columbia other than those outlays for plant facilities and additions which, being essential to the proper performance of specific activities, are included under their respective functions.

This function is subdivided to segregate the expenditures under the captions of:

1. General supervision, design, and overhead;
2. Public improvements; and
3. Government plant additions.

The first subdivision represents the general expenses incurred in designing and supervising the construction of public improvements and plant additions.

The second subdivision comprises the capital outlays made by the Government in the construction of public works, such as the Panama Canal, rivers and harbors and flood-control structures, railroad construction in Alaska, construction of irrigation systems by the Reclamation Service, public roads and rural post roads, the construction of buildings and structures in and around Washington, hospital construction and hospital facilities for war patients, and like capital expenditures.

The third subdivision comprises those structures which are constructed or additions made thereto which are built primarily to house the personnel of the Government and to provide proper facilities for the efficient operation of governmental activities. It includes the cost of construction and cost of improvements only, the operation and maintenance expense being reported under "Public buildings service."

The structures comprehended within this group are those purchased or built under the direction of the Architect of the Capitol; the acquisition or construction of diplomatic premises and buildings by the State Department; the construction work performed under the Supervising Architect of the Treasury in erecting public buildings in Washington, customhouses, courthouses and post offices, and like structures.

Revenue-producing enterprises.—Under this general title are included the operations of the Government which are (or it is assumed will become) self-supporting.

The only activities included in this group at the present time are the operation of the Center Market, District of Columbia, by the Department of Agriculture, and the maintenance and operation of the Panama Canal and of the Alaska Railroad.

Local government.—Under this function are included the expenditures of the local government in the District of Columbia and the Territories of Alaska, Hawaii, and other insular possessions and such aid as is given to State governments by the National Government in the form of subventions, exclusive of specific grants for education, public health, construction of rural post roads, etc.

Relief expenditures.—Under this general title are grouped those expenditures of the Government made in giving relief to American citizens abroad, contributions toward the maintenance of foreign hospitals which admit citizens of the United States, and other like welfare operations, both foreign and domestic, such as those conducted to alleviate the distress and suffering in foreign countries.

Refunds, losses, contingencies, and miscellaneous.—Under this general title of nonfunctional expenditures are grouped the expenditures made by the Government in repayment or refund of the whole or part of an amount or amounts previously received in payment of indebtedness to the United States, losses and contingencies, such as charges on bullion sold, recoinage of gold, silver, and minor coins, and other bullion and coinage losses, and miscellaneous expenses incurred by the Government in connection with tercentenary and other celebrations.

Investments.—Under this general title of nonfunctional expenditures are grouped those expenditures made by the Government in the purchase of notes, bonds, and other choses in action; loans to foreign governments; and loans to railroads, exclusive of advances to carriers and the American Express Co., under section 209 of the transportation act of 1920, which are reported under "Promotion and regulation of land transportation," C–8.

Fixed debt charges.—Under this general heading are grouped the expenditures made from ordinary receipts in the redemption and purchase of outstanding bonded indebtedness and payments to the sinking fund. It also includes the amount of interest paid on the public debt, all of which is payable from ordinary receipts. It excludes refunding operations and additional redemptions paid from surplus and balances.

Trust funds.—Under this general heading are grouped all expenditures made by the Government (including District of Columbia trust funds) in the nature of repayments of amounts not subject to demand or claim by the United States. It is the repayment of those moneys received by the Government in trust for private purposes and over which it exercises the responsibility of custodian rather than owner.

DESCRIPTION OF BUDGET STATEMENTS

The Budget statements given herein supply data regarding the income and outgo of the Government, actual and prospective, during the last completed fiscal year, the year in progress, and the ensuing fiscal year. They also give financial data showing (1) the financial condition of the Treasury at the end of the last completed fiscal year (balance sheets), (2) the means by which such condition was reached (operating statements), and (3) the public-debt transactions and the condition at the close of business June 30, 1927.

Statement No. 1 is the master or key statement of the Budget. This statement, it will be seen, shows not merely the balance in the general fund at the end of the two last completed years, the estimated surplus that will exist at the end of the year in progress, and the estimated balance at the end of the ensuing fiscal year if the financial proposals contained in the Budget are adopted, but the means by which this balance has been and will be reached. It shows, in a word, the revenues and expenditures of the Government, past and prospective, for these years and exhibits the effect of these amounts in increasing or decreasing the available balance of the general fund.

In considering the showing, past and prospective, it should be noted that payments in respect to the reduction of the public debt figure among the general fund expenditures of the Government. The total amount of debt redemptions included among the general-fund expenditures during the fiscal year ending June 30, 1927, amounted to $1,131,309,383.34, of which $519,554,844.78 was required by existing law to be made from ordinary receipts, and the remainder, $611,754,538.56, represents the amount of general fund applied to the redemption of debt in addition to that now required by law to be made from ordinary receipts.

The estimated surplus of $454,283,806 for the fiscal year 1928 is reached after deducting the sum of $536,185,074 for the reduction of public debt now required by existing law to be made from ordinary receipts. Taking this item into account, it shows that the ordinary revenue exceeds all other estimated ordinary expenditures by $990,468,880, or an estimated improvement in the financial condition of the Government of this amount for the fiscal year ending June 30, 1928.

The estimated surplus of receipts of $252,540,283 for the fiscal year 1929 has been decreased by the inclusion of $541,623,394 for debt redemptions out of ordinary receipts. Adding these redemptions to the estimated surplus of receipts reported in Statement No. 1 indicates an improvement of the financial condition of the Government of $794,163,677 for the fiscal year ending June 30, 1929.

Statement No. 2 supports Statement No. 1 and supplies the details of the expenditures made for 1927, compared with the estimates for 1928, and the proposals for 1929, by main branches or administrative divisions of the Government.

Statement No. 3 is a detailed statement showing the agencies collecting Government revenue by sources. It supplies the actual revenue items collected in 1927 and estimates of the revenue items to be collected by the several departments and other organization units during the fiscal years 1928 and 1929.

Statement No. 4 is a detailed statement of receipts, summarizing the items in Statement No. 3 by sources under organization units.

In Statement No. 5 the expenditures are classified according to character rather than by organization units, as is done in Statements 1 and 2. It will thus be noted that a distinction is made between those expenditures which are for the current operations of the Government, those that are of a nonadministrative character, those for construction work, including national-defense structures, and other expenditures. The importance of the distinctions here made may be seen from the fact that though the expenditure program for 1929 calls for a total expenditure of $3,556,957,031, only $1,043,415,144 is for the current operations of the Government. The latter sum, it will be seen, is $22,180,307 more than the corresponding item for the year in progress, 1928. Nonadministrative expenses, including such items as interest on the public debt, pensions, etc., call for the expenditure of no less than $1,436,922,709 in 1929.

Statement No. 6 also supports Statement No. 1 and supplies details of the sources of revenue of the Government. It sets out in detail the sources from which the income of the Government was derived in 1927 and is expected to be derived in 1928 and 1929.

Statement No. 7 has to do with the operations of the Post Office Department and Postal Service, payable from postal revenues. Beginning with the fiscal year 1923, the departmental expenditures of the Post Office Department at Washington are also financed from the postal receipts.

This statement shows the results of the operations, which for 1927, 1928, and 1929, show a deficit, and gives in detail the expenditures made and to be made out of the postal revenues. The deficiency in postal revenues, it will be noted, is carried in Statement No. 1 and represents the amount of money which will need to be advanced from the general fund to meet the program recommended in the Budget for the postal establishment.

Statements Nos. 8 and 9 have been included for the first time, and give a summary of the complete operations of the Panama Canal and Shipping Board Merchant Fleet Corporation, respectively, showing the relationship of the purely governmental transactions of these agencies to their total transactions.

Statement No. 10 shows the transactions in various accounts, funds, and authorizations for the fiscal years concerned.

Statement No. 11 summarizes the estimates of appropriations by governmental functions for the fiscal year 1929 and the appropriations made for the fiscal year 1928. This statement sets forth the general end or purposes to be accomplished by the expenditure of the appropriations recommended, compared with the appropriations which have already been made for the fiscal year 1928. The classification given on this statement presents first the general functions of the Government. This corresponds closely to the main organs of the Government established by the Constitution. The general functions have been divided into (*a*) legislative, (*b*) judicial, (*c*) executive, and (*d*) general administration.

The specific functions are segregated to distinguish the expenditures for military and distinctly war purposes from expenditures for civil services; therefore the segregation made in this statement divides the specific functions into (*a*) military functions, (*b*) civil functions, and (*c*) nonfunctional operations. This statement not only gives the amount of money recommended for appropriation for the fiscal year ending June 30, 1929, compared with the actual appropriations already made by Congress for the fiscal year 1928, but it also shows the percentages of the amounts allocated to the different purposes.

This statement will be found interesting and informative, showing as it does the approximate amounts devoted to important Government activities and interests.

It will be found that a total of $116,763,802.86 is carried for general functions, which include the legislative, judicial, executive, and the general administrative operations of the Government which can not be allocated to specific civil functions.

The sum of $1,395,312,220 is provided for military functions, which includes military pensions, retirement pay, annuities, and World War allowances, and national defense.

The amount recommended for national defense is divided into two classes: Army, $291,331,838; Navy, $353,081,250.

The amount provided in the Budget for military pensions and allowances includes $211,710,000 for pensions, $502,197,360 for World War allowances, and $27,360,962 for retirement pay.

The amount recommended for civil functions totals $507,132,012.14. Under this general function $13,507,456 is allowed for foreign relations and protection of American interests abroad; $41,015,337 for general law enforcement, which includes activities having to do with the enforcement of general laws and the administration and enforcement of special acts like the national prohibition act, the narcotic act, and the investigation and prosecution of war contract frauds; $8,193,121 for the control of currency and banking; $14,614,009 for the administration of Indian affairs; $26,454,263 for the administration of public domain, which includes those activities of the Government having to do with the care and utilization of public lands and the care and utilization of national forests; $21,138,198 for the promotion and regulation of commerce and industry, which includes the activities of the Tariff Commission, the Federal Trade Commission, the Patent Office, and those activities of the Departments of Agriculture and Commerce having to do with the promotion and regulation of commerce and industry; $41,456,134 for the promotion, regulation, and operation of marine transportation, which includes $13,688,750 for the Shipping Board and Merchant Fleet Corporation; $7,643,137 for the promotion and regulation of land transportation; $37,025,409 for the promotion and regulation of agriculture; $1,999,748 for the promotion and regulation of fisheries; $5,339,652 for the promotion of labor interests; $8,011,840 for immigration and naturalization; $18,441,429.14 for promotion of public health; $12,190,300 for promotion of public education; $14,539,198 for science and research; $44,261,296 for local government, including the District of Columbia.

For public works under civil functions, $182,877,435 is carried, which includes $68,176,200 for rivers and harbors, proper and items of similar character; $77,500,000 for roads; $13,160,000 for Reclamation Service; $1,300,000 for railroads in Alaska; and $22,741,235 for other public improvements and Government plant additions.

Under nonfunctional appropriations is carried a total of $1,471,315,688.53, which includes $155,664,000 for refunds, losses, contingencies, and miscellaneous; $541,623,393.53 for public-debt retirements payable from ordinary receipts; $670,000,000 for interest on the public debt; and $104,028,295 for disbursement and investment of certain trust funds.

Statement No. 12 summarizes the estimates of appropriations by character and objects of expenditure for the fiscal year 1929 and the appropriations made for the fiscal year 1928. It makes a distinction between those appropriations already made and herein recommended for (*a*) current expenses, (*b*) fixed charges, (*c*) acquisition of property, (*d*) payment of debt, and (*e*) payments for rights and obligations.

Statement No. 13 shows the expenditures of the Government, including the Postal Service, for the fiscal years 1924 to 1927, inclusive, under the same classification as appears in Statement No. 12.

Statement No. 14 gives similar data to that presented by Statement No. 12. It is a summary of *expenditures* classified by governmental functions for the fiscal year 1929 compared with prior years. It not only gives the amount of money spent but that which it is estimated will be spent during the current fiscal year and the ensuing fiscal year. It also furnishes the percentages allocated to the different functions of the Government. The expenditures given for the fiscal year 1927 are on the basis of checks drawn and charged to appropriation accounts, authorizing withdrawal of cash from the Treasury as reported by the Secretary of the Treasury in the "Combined statement of receipts and disbursements, balances, etc., of the United States," brought to the actual cash expenditure by an adjustment figure.

Statement No. 15 gives the appropriations recommended and appropriations made by Congress during the fiscal year 1928, compared with the fiscal year 1927, classified by organization units, including those appropriations made by Congress for which no estimates were submitted by the Chief Executive.

Statement No. 16 summarizes the estimates of appropriations for the fiscal year 1929 and appropriations for 1928. It shows the amounts and percentages applied to current operations of the Government by Government departments and offices.

Statement No. 17 exhibits the appropriations made for the years 1928 and 1927.

Statement No. 18 gives the amount of annual, permanent, or other appropriations, including balances of appropriations for prior fiscal years, available for expenditure during the fiscal year in progress, 1928, as of November 1, 1927. This statement shows the total amount available for expenditure during the fiscal year 1928 to that date.

Statement No. 19 is a consolidated current balance sheet; that is, it consolidates the general fund, which includes all other expendable funds, with the loan funds.

Statement No. 20 is a statement of operations of the general fund showing how the condition reported in the general-fund balance sheet was reached.

Statement No. 21 is a statement of operations of the public debt (loan) funds for the fiscal year ending June 30, 1927. It shows the receipts and expenditures of the loan funds for that year.

Statement No. 22 is a consolidated statement of operations showing how the condition reported in Statement No. 19 was reached.

Statement No. 23 is a summary statement of outstanding debt at the close of business June 30, 1927, compared with June 30, 1926, and June 30, 1916, on the basis of revised figures reported in the "Statement of the public debt of the United States." It shows that the gross outstanding debt on June 30, 1916, was $1,225,145,567.53 and that the gross debt as of June 30, 1926, was $19,643,183,079.69, while the gross debt outstanding on June 30, 1927, was $18,510,174,266.10. It will be noted that the gross debt was reduced over $1,000,000,000 in the fiscal year 1927.

Statement No. 24 is a detailed statement of outstanding debt at the close of business June 30, 1927, compared with June 30, 1926, and June 30, 1916. It supports Statement No. 23.

Statement No. 25 exhibits the securities owned by the United States Government on June 30, 1927, with a memorandum as to capital stock of various corporations.

Statements Nos. 26, 27, and 28 report information regarding the sinking-fund operations for the fiscal year 1927 and the estimated operations for the fiscal years 1928 and 1929, respectively.

Statement No. 29 supplies information as to the proposed borrowings from the public for redemptions and purchases of public-debt issues during the fiscal year 1929, compared with those expected to be made in 1928 and the actual borrowings and redemptions which were made during the fiscal year 1927, exclusive of those certificates of indebtedness which are issued and redeemed within the same fiscal year.

Statement No. 30 summarizes and compares by classification services and grades for the fiscal years 1929, 1928, and 1927, the average number of employees, the average salary rates, and the total salaries of the personnel of the executive departments and independent establishments in the District of Columbia classified under the act of March 4, 1923.

Statement No. 31 summarizes and compares by departments and independent establishments, for the fiscal years 1929, 1928, and 1927, the average number of employees, the average salary rates, and the total salaries of the personnel in the District of Columbia classified under the act of March 4, 1923.

BUDGET STATEMENTS

Budget Statement No. 1

Balanced statement of (1) the condition of the Treasury at the end of the fiscal years 1927 and 1926; (2) the estimated condition of the Treasury at the end of the fiscal year in progress, 1928; and (3) the estimated condition of the Treasury at the end of the ensuing fiscal year, 1929, if the financial proposals contained in the Budget are adopted

Reference to statement No.	Reference to statement Page		Estimated, 1929	Estimated, 1928	Actual, 1927 [1]	Actual, 1926 [1]
2	A16	Expenditures:				
		I. Ordinary expenditures—				
		(a) General expenditures—				
	A16	Legislative establishment	$17, 290, 461. 00	$17, 128, 804. 00	$19, 678, 325. 13	$15, 776, 230. 41
		Executive Office and independent establishments—				
	A17	Executive Office	420, 700. 00	586, 333. 00	612, 197. 93	438, 768. 06
	A17	United States Veterans' Bureau	412, 652, 360. 00	423, 681, 512. 00	391, 470, 413. 72	404, 692, 185. 22
		Other independent offices and commissions—				
	A17	Alaska relief funds	15, 000. 00	15, 000. 00	14, 744. 90	23, 211. 01
	A17	Alien Property Custodian	7, 500. 00	37, 868. 00	159, 322. 07	165, 633. 42
	A17	American Battle Monuments Commission	800, 000. 00	1, 640, 000. 00	104, 993. 17	48, 437. 61
	A17	Arlington Memorial Bridge Commission	3, 000, 000. 00	2, 917, 204. 00	1, 454, 732. 38	481, 360. 31
	A17	Board of Mediation	287, 800. 00	355, 000. 00	226, 671. 05	
	A17	Board of Tax Appeals	710, 138. 00	690, 780. 00	538, 132. 33	431, 000. 00
	A17	Bureau of Efficiency	210, 350. 00	205, 330. 00	175, 165. 08	151, 373. 20
	A17	Civil Service Commission	1, 092, 752. 00	1, 003, 042. 00	1, 003, 229. 24	976, 132. 89
	A17	Commission of Fine Arts	7, 300. 00	7, 300. 00	8, 084. 76	7, 700. 72
	A17	Employees' Compensation Commission	3, 675, 000. 00	3, 500, 000. 00	2, 939, 687. 16	2, 475, 911. 87
	A18	Federal Board for Vocational Education	7, 949, 004. 00	7, 630, 137. 00	7, 369, 854. 03	7, 399, 017. 07
	A18	Federal Power Commission	128, 890. 00	47, 179. 00	30, 864. 12	37, 900. 60
		Federal Radio Commission	80, 000. 00	83, 440. 00		
	A18	Federal Reserve Board	2, 700, 000. 00	2, 700, 000. 00	2, 511, 543. 25	2, 010, 909. 76
	A18	Federal Trade Commission	955, 000. 00	957, 450. 00	964, 347. 29	984, 225. 17
	A18	General Accounting Office	3, 807, 000. 00	3, 826, 400. 00	3, 844, 885. 37	3, 630, 665. 09
	A18	Housing Corporation	470, 000. 00	483, 100. 00	485, 042. 01	563, 730. 46
	A18	Interstate Commerce Commission	7, 616, 017. 00	7, 551, 567. 00	6, 609, 454. 35	5, 852, 212. 34
	A18	National Advisory Committee for Aeronautics	600, 000. 00	567, 420. 00	531, 142. 58	561, 125. 88
	A18	National Sesquicentennial Exposition			1, 292, 979. 21	771, 138. 58
	A18	Perry's Victory Memorial Commission				49, 185. 00
	A18	Protecting interests of the United States in leases on oil lands	15, 000. 00	84, 000. 00	9, 019. 39	63, 617. 90
	A18	Public Buildings and Public Parks of the National Capital	2, 560, 480. 00	2, 409, 070. 00	2, 414, 575. 91	2, 486, 817. 67
	A18	Public Buildings Commission	102, 144. 00	59, 550. 00	99, 390. 29	
	A18	Purchase of Oldroyd collection of Lincoln relics			50, 000. 00	
		Railroad Labor Board				272, 426. 87
	A19	Smithsonian Institution and National Museum	974, 761. 00	939, 711. 00	860, 730. 19	832, 884. 99
	A19	Tariff Commission	725, 000. 00	693, 922. 00	702, 981. 40	602, 218. 95
	A19	United States Geographic Board	4, 300. 00	4, 290. 00	3, 248. 83	448. 96
	A19	Miscellaneous items		20, 422. 00	[2] 2, 889, 254. 58	67, 956. 92
		Adjustment between cash expenditures and checks issued			3, 927, 205. 37	1, 122, 113. 06
		Total other independent offices and commissions	38, 493, 436. 00	38, 429, 182. 00	35, 442, 771. 15	32, 069, 356. 30
		Total Executive Office and independent establishments	451, 566, 496. 00	462, 097, 027. 00	427, 525, 382. 80	437, 200, 309. 58
	A19	Department of Agriculture	146, 593, 049. 00	155, 442, 319. 00	156, 287, 304. 95	155, 350, 432. 49
	A21	Department of Commerce	37, 767, 000. 00	37, 000, 758. 00	30, 939, 749. 02	29, 132, 015. 82
	A22	Interior Department	280, 974, 343. 00	297, 978, 599. 00	302, 706, 745. 19	301, 759, 049. 28
	A24	Department of Justice	26, 653, 460. 00	28, 285, 484. 00	24, 819, 057. 70	23, 774, 129. 23

[1] On basis of daily Treasury statements June 30, 1926 and 1927.

[2] Deduct—excess of credits

No. 1.—*Balanced statement of (1) the condition of the Treasury at the end of the fiscal years 1927 and 1926; (2) the estimated condition of the Treasury at the end of the fiscal year in progress, 1928; and (3) the estimated condition of the Treasury at the end of the ensuing fiscal year, 1929, if the financial proposals contained in the Budget are adopted*—Continued

Reference to statement No.	Page		Estimated, 1929	Estimated, 1928	Actual, 1927	Actual, 1926
		Expenditures—Continued.				
		I. Ordinary expenditures—Continued.				
		(*a*) General expenditures—Continued.				
	A25	Department of Labor	$10, 725, 840. 00	$10, 120, 573. 00	$9, 921, 644. 26	$8, 544, 899. 59
	A26	Navy Department	371, 227, 000. 00	357, 074, 767. 00	318, 909, 096. 28	312, 743, 409. 81
	A28	Post Office Department			189, 037. 77	96, 388. 93
		(For deficiency in postal revenues, see below.)				
	A28	State Department	13, 939, 006. 00	12, 544, 029. 00	16, 497, 668. 60	16, 521, 348. 08
	A29	Treasury Department	180, 525, 335. 00	157, 616, 735. 00	151, 560, 333. 78	136, 578, 723. 67
		(For refund of receipts, see below.)				
	A32	War Department	392, 506, 915. 00	392, 477, 038. 00	360, 808, 776. 71	355, 072, 225. 92
		(For Panama Canal, see below.)				
	A36	District of Columbia	38, 850, 000. 00	39, 558, 024. 00	37, 566, 520. 57	34, 410, 707. 45
					1,857,409, 642. 76	1, 826, 959, 870. 26
		Adjustment of unclassified items			448, 920. 63	[2] 232, 946. 52
		Total general expenditures	1,968,618, 905. 00	1,967,924, 157. 00	1,857,858, 563. 39	1, 826, 726, 923. 74
	A31	(*b*) Interest on public debt	670, 000, 000. 00	720, 000, 000. 00	787, 019, 578. 18	831, 937, 700. 16
	A31	(*c*) Customs refunds	19, 013, 000. 00	20, 010, 500. 00	20, 320, 524. 37	27, 744, 697. 78
	A31	(*d*) Internal revenue refunds	136, 546, 500. 00	151, 571, 500. 00	117, 412, 172. 61	182, 220, 053. 01
	A28	(*e*) Postal deficiency	15, 270, 042. 00	30, 370, 400. 00	27, 263, 191. 12	39, 506, 490. 29
	A36	(*f*) Panama Canal	9, 250, 000. 00	9, 515, 534. 00	8, 305, 345. 04	9, 017, 719. 00
	A18	(*g*) Railroads	1, 033, 550. 00	3, 370, 000. 00	1, 042, 746. 21	2, 725, 800. 85
	A19	(*h*) War Finance Corporation	[3] 500, 000. 00	[3] 2, 508, 062. 00	[3] 27, 065, 781. 61	[3] 19, 691, 166. 28
	A18	(*i*) Merchant Fleet Corporation and Shipping board	17, 700, 000. 00	26, 460, 182. 00	19, 011, 397. 11	23, 043, 032. 04
	A17	(*j*) Alien property funds	[1] 500, 000. 00	[3] 500, 000. 00	[2] 496, 117. 92	3, 515, 999. 58
	A17	(*k*) Adjusted service certificate fund	111, 220, 000. 00	111, 220, 000. 00	115, 219, 352. 30	120, 152, 238. 11
	A24	(*l*) Civil service retirement fund	19, 500, 000. 00	[3] 425, 000. 00	[3] 425, 194. 65	10, 815, 743. 02
	A17	(*m*) Government life insurance	46, 837, 640. 00	47, 055, 000. 00	47, 315, 972. 70	38, 290, 345. 65
	A36	(*n*) District of Columbia teachers' retirement	550, 000. 00	465, 000. 00	289, 980. 43	297, 036. 87
	A29	(*o*) Foreign Service retirement	294, 000. 00	100, 000. 00	87, 267. 50	100, 033. 44
	A18	(*p*) General railroad contingent	500, 000. 00	500, 000. 00	870, 677. 84	1, 209, 175. 55
		Total ordinary expenditures	3,015,333, 637. 00	3, 085,129,211. 00	2,974,029, 674. 62	3, 097, 611, 822. 81
		II. Public debt retirements required to be paid from ordinary receipts—				
	A31	(*a*) Sinking fund	369, 209, 094. 00	353, 221, 424. 00	333, 528, 400. 00	317, 091, 750. 00
	A31	(*b*) Purchases and retirements from foreign repayments	10, 219, 300. 00	22, 188, 650. 00	19, 254, 500. 00	4, 393, 500. 00
	A31	(*c*) Received from foreign governments under debt settlements	160, 995, 000. 00	159, 775, 000. 00	159, 961, 800. 00	165, 260, 000. 00
	A31	(*d*) Purchases and retirements from franchise tax receipts (Federal reserve and Federal intermediate credit banks)	1, 000, 000. 00	800, 000. 00	1, 231, 834. 78	567, 900. 69
	A32	(*e*) Forfeitures, gifts, etc	200, 000. 00	200, 000. 00	5, 578, 310. 00	62, 900. 00
		Total public debt retirements required to be paid from ordinary receipts	541, 623, 394. 00	536, 185, 074. 00	519, 554, 844. 78	487, 376, 050. 69
		TOTAL EXPENDITURES payable from ordinary receipts	3,556,957, 031. 00	3,621,314, 285. 00	3,493,584, 519. 40	3, 584, 987, 873. 50

[3] Deduct—excess of credits.

No. 1.—*Balanced statement of (1) the condition of the Treasury at the end of the fiscal years 1927 and 1926; (2) the estimated condition of the Treasury at the end of the fiscal year in progress, 1928; and (3) the estimated condition of the Treasury at the end of the ensuing fiscal year, 1929, if the financial proposals contained in the Budget are adopted*—Continued

Reference to statement No.	Reference to statement Page		Estimated, 1929	Estimated, 1928	Actual, 1927	Actual, 1926
		III. Receipts:				
		Ordinary receipts—				
	A49	(*a*) Customs	$602, 000, 000. 00	$602, 000, 000. 00	$605, 499, 983. 44	$579, 430, 092. 86
		Internal revenue—				
	A49	(*b*) Income tax	2, 065, 000, 000. 00	2, 165, 000, 000. 00	2, 224, 992, 800. 25	1, 982, 040, 088. 58
	A49	(*c*) Miscellaneous internal revenue	640, 545, 000. 00	638, 545, 000. 00	644, 421, 541. 56	855, 599, 289. 26
		Total internal revenue	2, 705, 545, 000. 00	2, 803, 545, 000. 00	2, 869, 414, 341. 81	2, 837, 639, 377. 84
		Miscellaneous receipts—				
		Proceeds of Government-owned securities—				
	A49	(*d*) Principal, foreign obligations	38, 747, 660. 00	48, 677, 039. 00	45, 699, 572. 81	34, 147, 271. 62
	A49	(*e*) Interest, foreign obligations	160, 340, 908. 00	160, 320, 218. 00	160, 389, 599. 90	160, 090, 685. 53
	A49	(*f*) Railroad securities	24, 090, 165. 00	169, 478, 870. 00	89, 737, 958. 98	36, 735, 326. 87
	A49	(*g*) All others	815, 000. 00	768, 000. 00	63, 474, 987. 27	34, 568, 379. 41
		Total proceeds of Government-owned securities	223, 993, 733. 00	379, 244, 127. 00	359, 302, 118. 96	265, 541, 663. 43
	A49	(*h*) Trust fund receipts (appropriated for investment)	47, 837, 640. 00	48, 020, 000. 00	48, 476, 630. 97	39, 796, 558. 07
	A49	(*i*) Proceeds of sales of surplus property	8, 918, 257. 00	9, 500, 533. 00	18, 068, 529. 98	25, 572, 012. 59
	A49	(*j*) Panama Canal tolls, etc	26, 000, 000. 00	25, 000, 000. 00	25, 768, 389. 71	24, 648, 568. 58
	A49	(*k*) Receipts from miscellaneous sources credited direct to appropriations	7, 653, 021. 00	8, 317, 923. 00	14, 361, 493. 71	18, 694, 008. 27
	A50	(*l*) Other miscellaneous	187, 549, 663. 00	199, 970, 508. 00	188, 502, 952. 52	171, 433, 408. 50
		Total miscellaneous receipts	501, 952, 314. 00	670, 053, 091. 00	654, 480, 115. 85	545, 686, 219. 44
		TOTAL ORDINARY RECEIPTS	3, 809, 497, 314. 00	4, 075, 598, 091. 00	4, 129, 394, 441. 10	3, 962, 755, 690. 14
		Excess of ordinary receipts over expenditures payable therefrom	252, 540, 283. 00	454, 283, 806. 00	635, 809, 921. 70	377, 767, 816. 64
		Balance in general fund at beginning of fiscal year	234, 057, 409. 85	234, 057, 409. 85	210, 002, 026. 71	217, 835, 732. 09
		Balance and excess of ordinary receipts over expenditures payable therefrom	486, 597, 692. 85	688, 341, 215. 85	845, 811, 948. 41	595, 603, 548. 73
	A95	Deduct amount of general fund applied or estimated to be applied to redemption of public debt, in addition to sinking fund and redemptions from restricted receipts	252, 540, 283. 00	454, 283, 806. 00	611, 754, 538. 56	385, 601, 522. 02
		Balance in general fund at end of fiscal year for working capital	234, 057, 409. 85	234, 057, 409. 85	234, 057, 409. 85	210, 002, 026. 71

NOTE.—Estimated figures for 1929 in Budget Statement No. 1 above are based on existing revenue laws.

BUDGET STATEMENT NO. 2

Estimated expenditures, fiscal year 1929, compared with prior years

DETAIL BY CHARACTER OF EXPENDITURES UNDER ORGANIZATION UNITS

[Supports summary Budget Statement No. 1]

Classification	Estimated, 1929	Estimated, 1928	Actual, 1927 [1]
I. ORDINARY EXPENDITURES:			
1. LEGISLATIVE ESTABLISHMENT—			
(a) General expenditures—			
1. Senate—			
1. Salaries and mileage of Senators	$1,011,000.00	$1,011,000.00	$997,944.89
2. Salaries, officers and employees	1,390,294.00	1,390,000.00	1,333,020.64
3. Contingent expenses	340,000.00	340,000.00	352,452.76
4. Gratuities and miscellaneous	35,000.00	45,000.00	31,977.21
Total, Senate	2,776,294.00	2,786,000.00	2,715,395.50
2. House of Representatives—			
1. Salaries and mileage of Members and Delegates	4,582,500.00	4,582,500.00	4,559,144.98
2. Salaries of officers and employees	2,631,650.00	2,617,642.00	2,578,147.22
3. Contingent expenses	314,500.00	325,600.00	320,131.21
4. Gratuities and miscellaneous	9,000.00	5,000.00	68,173.64
Total, House of Representatives	7,537,650.00	7,530,742.00	7,525,597.05
3. Legislative miscellaneous—			
1. Capitol police, salaries and contingent	77,770.00	77,770.00	77,846.69
2. Joint Committee on Printing	10,190.00	10,190.00	10,190.00
3. Office of Legislative Counsel	75,000.00	75,000.00	47,330.21
4. Statement of appropriations	4,000.00	4,000.00	8,000.00
5. Miscellaneous			7,088.80
Total, Legislative miscellaneous	166,960.00	166,960.00	150,455.70
4. Architect of the Capitol—			
1. Salaries	104,013.00	104,533.00	101,849.95
2. Capitol Building and Grounds	220,828.00	299,528.00	177,249.18
3. Senate Office Building	89,854.00	87,854.00	111,995.81
4. House Office Building	101,078.00	107,610.00	118,155.59
5. Capitol Power Plant	395,680.00	576,862.00	386,738.58
6. Library Building and grounds	108,360.00	99,660.00	85,686.53
7. Bookstacks, Library Building			654,174.58
8. Enlarging the Capitol Grounds		87,990.00	3,061,815.52
9. Botanic Garden (site and buildings)	710,000.00	410,000.00	
Total, Architect of the Capitol	1,729,813.00	1,774,037.00	4,697,665.74
5. Botanic Garden—			
1. Salaries	88,077.00	79,397.00	76,382.36
2. Improvements	49,800.00	47,800.00	53,522.86
Total, Botanic Garden	137,877.00	127,197.00	129,905.22
6. Library of Congress—			
1. Salaries	1,050,385.00	953,690.00	866,442.37
2. Increase of Library	110,500.00	110,500.00	90,602.24
3. Printing and binding	336,000.00	337,000.00	327,462.20
4. Contingent and miscellaneous expenses	51,000.00	50,500.00	10,294.49
5. Care and maintenance	136,182.00	131,642.00	117,297.32
6. Contributed funds	160,000.00	120,500.00	45,136.08
7. Trust fund, bequest of Gertrude M. Hubbard, interest	800.00	800.00	
Total, Library of Congress	1,844,867.00	1,704,632.00	1,457,234.70
7. Government Printing Office—			
1. Salaries			147,159.84
2. Public printing and binding	2,450,000.00	2,450,000.00	1,635,458.30
3. Salaries and expenses, office of Superintendent of Documents	647,000.00	589,236.00	556,129.12
4. Miscellaneous			133,228.33
Total, Government Printing Office	3,097,000.00	3,039,236.00	2,471,975.59
			19,148,229.50
Add cash expenditures in excess of checks issued			530,095.63
Total, Legislative Establishment, general expenditures	17,290,461.00	17,128,804.00	19,678,325.13

[1] Actual expenditures by checks issued for fiscal year 1927, brought to cash expenditures, as per Treasury statement, by adjustment.

No. 2—*Estimated expenditures, fiscal year 1929, compared with prior years*—Continued

DETAIL BY CHARACTER OF EXPENDITURES UNDER ORGANIZATION UNITS—Continued

Classification	Estimated, 1929	Estimated, 1928	Actual, 1927
I. ORDINARY EXPENDITURES—Continued.			
2. EXECUTIVE OFFICE AND INDEPENDENT ESTABLISHMENTS—			
1. Executive Office—			
(*a*) General expenditures—			
1. Salary of the President	$75,000.00	$75,000.00	$75,000.00
2. Salary of the Vice President	15,000.00	15,000.00	15,000.00
3. Salaries and expenses, Executive Office	130,000.00	130,760.00	128,407.29
4. Printing and binding	2,800.00	2,800.00	2,223.72
5. Traveling expenses of the President	12,000.00	25,000.00	14,840.14
6. Maintenance, Executive Mansion and grounds	100,000.00	104,000.00	115,734.17
7. White House police	85,900.00	85,900.00	84,920.36
8. Extraordinary repairs, and reconstructing roof, attic, and ceilings, Executive Mansion		147,873.00	172,222.00
			608,347.68
Add cash expenditures in excess of checks issued			3,850.25
Total, Executive Office, general expenditures	420,700.00	586,333.00	612,197.93
2. U. S. Veterans' Bureau—			
(*a*) General expenditures—			
1. Salaries and expenses	39,500,000.00	40,000,000.00	36,574,869.81
2. Printing and binding	135,000.00	125,000.00	127,184.47
3. Nonadministrative expenses—			
1. Military and naval compensation	193,500,000.00	188,000,000.00	173,425,192.94
2. Medical and hospital services	31,500,000.00	33,092,250.00	30,045,172.87
3. Military and naval insurance	112,000,000.00	116,525,000.00	120,998,467.35
4. Hospital facilities and services		8,364,824.00	4,599,159.58
5. Vocational rehabilitation	10,000.00	500,000.00	2,214,303.16
6. Losses on converted insurance—Government life insurance fund	16,637,360.00	15,898,000.00	17,691,627.73
7. Adjusted service and dependent pay	8,345,000.00	11,660,000.00	9,958,673.93
8. Loans to policyholders	11,025,000.00	9,512,000.00	
9. Miscellaneous items		4,438.00	22,960.24
Total, nonadministrative expenses	373,017,360.00	383,556,512.00	358,955,557.80
			395,657,612.08
Deduct checks issued in excess of cash expenditure			4,187,198.36
Total, U. S. Veterans' Bureau, (*a*) general expenditures	412,652,360.00	423,681,512.00	391,470,413.72
(*k*) Adjusted service certificate fund	111,220,000.00	111,220,000.00	115,219,352.30
(*m*) Investment of Government life insurance fund	46,837,640.00	47,055,000.00	47,315,972.70
Total, U. S. Veterans' Bureau	570,710,000.00	581,956,512.00	554,005,738.72
3. Alaska relief funds, (*a*) general expenditures	15,000.00	15,000.00	14,744.90
4. Alien Property Custodian—			
(*a*) General expenditures	7,500.00	37,868.00	159,322.07
(*j*) Alien property funds	[1] 500,000.00	[1] 500,000.00	[1] 496,117.92
Total, Alien Property Custodian	[1] 492,500.00	[1] 462,132.00	[1] 336,795.85
5. American Battle Monuments Commission, (*a*) general expenditures	800,000.00	1,640,000.00	104,993.17
6. Arlington Memorial Bridge Commission, (*a*) general expenditures	3,000,000.00	2,917,204.00	1,454,732.38
7. Board of Tax Appeals, (*a*) general expenditures	710,138.00	690,780.00	538,132.33
8. Board of Mediation, (*a*) general expenditures	287,800.00	355,000.00	226,671.05
9. Bureau of Efficiency, (*a*) general expenditures	210,350.00	205,330.00	175,165.08
10. Civil Service Commission, (*a*) general expenditures	1,092,752.00	1,003,042.00	1,003,229.24
11. Commission of Fine Arts, (*a*) general expenditures	7,300.00	7,300.00	8,084.76
12. Employees' Compensation Commission, (*a*) general expenditures—			
1. Salaries and expenses	475,000.00	400,000.00	145,665.45
2. Nonadministrative expenses, United States employees' compensation payments	3,200,000.00	3,100,000.00	2,794,021.71
Total, Employees' Compensation Commission	3,675,000.00	3,500,000.00	2,939,687.16

[1] Deduct—excess of credits.

No. 2—*Estimated expenditures, fiscal year 1929, compared with prior years*—Continued

DETAIL BY CHARACTER OF EXPENDITURES UNDER ORGANIZATION UNITS—Continued

Classification	Estimated, 1929	Estimated, 1928	Actual, 1927
I. ORDINARY EXPENDITURES—Continued.			
2. EXECUTIVE OFFICE AND INDEPENDENT ESTABLISHMENTS—Continued.			
13. Federal Board for Vocational Education, (*a*) general expenditures—			
1. Salaries and expenses—			
1. Board proper	$200,000.00	$198,840.00	$194,344.42
2. Rehabilitation of persons disabled in industry	73,000.00	68,230.00	71,428.08
Total, salaries and expenses	273,000.00	267,070.00	265,772.50
2. Nonadministrative expenses—			
1. Cooperative education in agriculture, including Hawaii	2,890,000.00	2,794,639.00	2,657,540.42
2. Cooperative education, teacher training, including Hawaii	1,071,540.00	1,009,439.00	989,517.17
3. Cooperative education in trade and industry, including Hawaii	2,964,464.00	2,916,274.00	2,890,573.26
4. Rehabilitation of persons disabled in industry, including Hawaii	750,000.00	642,715.00	566,450.68
Total, nonadministrative expenses	7,676,004.00	7,363,067.00	7,104,081.53
Total, Federal Board for Vocational Education	7,949,004.00	7,630,137.00	7,369,854.03
14. Federal Power Commission, (*a*) general expenditures	128,890.00	47,179.00	30,864.12
15. Federal Radio Commission	80,000.00	83,440.00	
16. Federal Reserve Board, (*a*) general expenditures	2,700,000.00	2,700,000.00	2,511,543.25
17. Federal Trade Commission, (*a*) general expenditures	955,000.00	957,450.00	964,347.29
18. General Accounting Office, (*a*) general expenditures	3,807,000.00	3,826,400.00	3,844,885.37
19. Housing Corporation, (*a*) general expenditures	470,000.00	483,100.00	485,042.01
20. Interstate Commerce Commission—			
(*a*) General expenditures	7,616,017.00	7,551,567.00	6,609,454.35
(*g*) Railroads—			
1. Reimbursement to carriers, sec. 204, transportation act		1,000,000.00	166,981.57
2. Guaranty to carriers, sec. 209, transportation act		830,000.00	613,541.68
(*p*) Investment of general railroad contingent fund	500,000.00	500,000.00	870,677.84
Total, Interstate Commerce Commission	8,116,017.00	9,881,567.00	8,260,655.44
21. National Advisory Committee for Aeronautics, (*a*) general expenditures	600,000.00	567,420.00	531,142.58
22. National Sesquicentennial Commission, (*a*) general expenditures			1,292,979.21
23. Protecting interests of United States in oil leases and oil lands, (*a*) general expenditures	15,000.00	84,000.00	9,019.39
24. Purchase of Oldroyd collection of Lincoln relics, (*a*) general expenditures			50,000.00
25. Public Buildings and Public Parks of the National Capital—			
(*a*) General expenditures—			
1. Salaries	1,707,530.00	1,680,120.00	1,632,099.69
2. Fuel, lights, repairs, etc	852,950.00	728,950.00	782,476.22
Total, Public Buildings and Public Parks of the National Capital	2,560,480.00	2,409,070.00	2,414,575.91
26. Public Buildings Commission, (*a*) general expenditures	102,144.00	59,550.00	99,390.29
27. Railroad Administration—			
(*g*) Railroads—			
1. Judgments, decrees, and awards	1,000,000.00	1,500,000.00	262,222.96
2. Net operating expenses	33,550.00	40,000.00	
Total, Railroad Administration	1,033,550.00	1,540,000.00	262,222.96
28. Shipping Board and Merchant Fleet Corporation—			
(*i*) Judgment of court		5,260,182.00	
(*i*) Shipping Board and Merchant Fleet Corporation	17,700,000.00	21,200,000.00	19,011,397.11
Total, Shipping Board and Merchant Fleet Corporation (See Statement No. 9.)	17,700,000.00	26,460,182.00	19,011,397.11

No. 2—*Estimated expenditures, fiscal year 1929, compared with prior years*—Continued

DETAIL BY CHARACTER OF EXPENDITURES UNDER ORGANIZATION UNITS—Continued

Classification	Estimated, 1929	Estimated, 1928	Actual, 1927
I. ORDINARY EXPENDITURES—Continued.			
2. EXECUTIVE OFFICE AND INDEPENDENT ESTABLISHMENTS—Continued.			
29. Smithsonian Institution, (*a*) general expenditures—			
1. Interest from trust fund	$60,000.00	$60,000.00	$51,932.26
2. Government activities in charge of Smithsonian Institution	914,761.00	879,711.00	808,797.93
Total, Smithsonian Institution	974,761.00	939,711.00	860,730.19
30. Tariff Commission, (*a*) general expenditures	725,000.00	693,922.00	702,981.40
31. United States Geographic Board, (*a*) general expenditures	4,300.00	4,290.00	3,248.83
32. (*b*) War Finance Corporation	[1] 500,000.00	[1] 2,508,062.00	[1] 27,065,781.61
33. Other independent bureaus and commissions, (*a*) general expenditures		20,422.00	[1] 2,889,254.58
			579,496,424.06
Add cash expenditures in excess of checks issued			3,927,205.37
Total, Executive Office and independent establishments	627,857,686.00	648,294,147.00	583,423,629.43
Total, all other, general expenditures, independent offices included above	38,493,436.00	43,689,364.00	35,442,771.15
3. DEPARTMENT OF AGRICULTURE—			
(*a*) General expenditures—			
1. Office of the Secretary—			
1. Salaries, office of the Secretary	647,145.00	657,000.00	626,016.56
2. Mechanical shops and power plant	91,000.00	91,000.00	84,498.79
3. Miscellaneous expenses	141,300.00	142,000.00	199,613.89
4. Rent of buildings	175,300.00	180,366.00	144,751.22
Total, office of the Secretary	1,054,745.00	1,070,366.00	1,054,880.46
2. Office of information—			
1. Salaries and expenses	373,500.00	371,000.00	344,235.60
2. Printing and binding	767,000.00	713,000.00	838,874.11
Total, office of information	1,140,500.00	1,084,000.00	1,183,109.71
3. Library, Department of Agriculture, salaries and expenses	90,300.00	84,000.00	80,455.11
4. Office of Experiment Stations—			
1. Salaries and expenses	373,400.00	356,546.00	332,413.73
2. State agricultural experiment stations	3,840,000.00	3,360,000.00	2,873,784.01
Total, Office of Experiment Stations	4,213,400.00	3,716,546.00	3,206,197.74
5. Extension service—			
1. Salaries and expenses	1,572,000.00	1,575,385.00	1,558,852.71
2. Cooperative agricultural extension work	5,865,000.00	5,865,000.00	5,879,183.10
3. Cooperative farm forestry	59,500.00	59,500.00	46,428.84
Total, Extension Service	7,496,500.00	7,499,885.00	7,484,464.65
Grand total, office of the Secretary	13,995,445.00	13,454,797.00	13,009,107.67
6. Weather Bureau, salaries and expenses	2,695,000.00	2,628,000.00	2,539,464.68
7. Bureau of Animal Industry—			
1. Salaries and expenses	4,341,600.00	3,670,000.00	7,229,560.26
2. Indemnities for animals slaughtered	4,595,000.00	4,000,000.00	
3. Meat inspection	5,195,000.00	4,995,500.00	4,847,426.38
4. Eradication of foot-and-mouth and other diseases	90,000.00	98,000.00	292,882.98
Total, Bureau of Animal Industry	14,221,600.00	12,763,500.00	12,369,869.62
8. Bureau of Dairy Industry, salaries and expenses	520,000.00	488,323.00	484,011.59
9. Bureau of Plant Industry, salaries and expenses	4,260,537.00	4,198,125.00	3,711,443.25
10. Forest Service—			
1. Salaries and expenses	8,879,000.00	9,269,000.00	10,398,515.98
2. Forest-fire cooperation	1,190,000.00	990,000.00	738,737.79
3. Acquisition of lands for protection of watersheds	990,000.00	988,000.00	1,116,534.51
4. Federal forest-road construction		2,000.00	81,221.13
5. Cooperative distribution, forest planting stock	70,000.00	70,000.00	69,759.52
6. National Forest Reservation Commission	500.00	500.00	367.94

[1] Deduct—excess of credits.

No. 2—*Estimated expenditures, fiscal year 1929, compared with prior years*—Continued

DETAIL BY CHARACTER OF EXPENDITURES UNDER ORGANIZATION UNITS—Continued

Classification	Estimated, 1929	Estimated, 1928	Actual, 1927
I. ORDINARY EXPENDITURES—Continued.			
3. DEPARTMENT OF AGRICULTURE—Continued.			
(a) General expenditures—Continued.			
10. Forest Service—Continued.			
7. Special funds—			
1. Refunds to depositors, excess of deposits	$75,000.00	$100,000.00	$60,396.91
2. Payments to States and Territories, national-forest funds	1,285,000.00	1,285,103.00	1,285,523.44
3. Cooperative work, Forest Service	1,500,000.00	1,500,000.00	1,459,016.90
4. Payment to school funds, Arizona and New Mexico national-forest funds	40,000.00	26,199.00	13,567.25
5. Roads and trails for States, national-forest funds	600,000.00	530,000.00	449,656.70
Total special funds	3,500,000.00	3,441,302.00	3,268,161.20
Total, Forest Service	14,629,500.00	14,760,802.00	15,673,298.07
11. Bureau of Chemistry and Soils, salaries and expenses	1,215,440.00	1,095,800.00	1,972,960.67
12. Bureau of Entomology—			
1. Salaries and expenses	1,852,500.00	1,798,200.00	1,128,783.02
2. Preventing spread of moths			658,767.11
3. Preventing spread of European corn borer			469,615.94
4. Preventing spread of Mexican bean beetle			31,332.12
5. Preventing spread of Japanese and Asiatic beetles			334,337.07
6. European corn borer control		5,700,000.00	3,366,368.29
Total, Bureau of Entomology	1,852,500.00	7,498,200.00	5,989,203.55
13. Bureau of Biological Survey—			
1. Salaries and expenses	1,010,000.00	980,000.00	945,962.36
2. Upper Mississippi River game refuge	150,000.00	230,000.00	63,316.24
Total, Bureau of Biological Survey	1,160,000.00	1,210,000.00	1,009,278.60
14. Bureau of Public Roads, salaries and expenses	429,000.00	447,000.00	415,599.68
15. Bureau of Agricultural Economics—			
1. Salaries and expenses	4,194,660.00	3,706,000.00	3,453,009.20
2. Enforcement of cotton futures and cotton standards acts	205,000.00	198,000.00	191,480.07
3. Enforcement of grain standards act	757,000.00	705,000.00	589,958.98
4. Administration of warehouse act	239,000.00	236,800.00	192,288.47
5. Enforcement of standard container act	28,000.00	4,950.00	4,667.63
6. Salaries and expenses, wool division	7,500.00	2,950.00	5,712.68
7. Operation of Center Market	162,000.00	167,500.00	175,118.25
8. Expenses cotton standards act (special fund)		46,000.00	50,510.11
9. Miscellaneous			63,715.49
Total, Bureau of Agricultural Economics	5,593,160.00	5,067,200.00	4,726,460.88
16. Bureau of Home Economics, salaries and expenses	134,000.00	125,244.00	128,656.21
17. Plant Quarantine and Control Administration (Federal Horticultural Board in 1927)	2,715,862.00	2,180,000.00	765,340.79
18. Enforcement of packers and stockyards act		406,500.00	396,804.11
19. Enforcement of grain futures act	130,000.00	128,000.00	99,541.22
20. Food, Drug, and Insecticide Administration, salaries and expenses	1,402,905.00	1,360,885.00	177,694.32
21. Experiments in dairying and livestock production	111,100.00	85,500.00	79,609.18
22. Dairying and livestock experiment stations	12,000.00	34,404.00	15,692.05
23. Collections of seed grain loans	15,000.00	10,000.00	14,337.98
24. Nitrate plants			43,794.92
25. Forest roads and trails	6,500,000.00	7,500,000.00	9,044,275.78
26. Cooperative construction of rural post roads	75,000,000.00	80,000,000.00	82,974,910.29
27. Miscellaneous items		39.00	[1] 9,402.86
28. Special deposit accounts			[1] 47,869.86
			155,584,082.39
Add cash expenditures in excess of checks issued			703,222.56
Total, Department of Agriculture, including rural post roads, general expenditures	146,593,049.00	155,442,319.00	156,287,304.95

[1] Deduct—excess of credits.

No. 2—*Estimated expenditures, fiscal year 1929, compared with prior years*—Continued

DETAIL BY CHARACTER OF EXPENDITURES UNDER ORGANIZATION UNITS—Continued

Classification	Estimated, 1929	Estimated, 1928	Actual, 1927
I. ORDINARY EXPENDITURES—Continued.			
4. DEPARTMENT OF COMMERCE—			
(*a*) General expenditures—			
1. Secretary's office—			
1. Salaries, office of the Secretary	$280, 000. 00	$280, 000. 00	$240, 994. 21
2. Contingent and miscellaneous expenses	650, 000. 00	644, 758. 00	335, 988. 18
3. Printing and binding	1, 850, 000. 00	1, 830, 000. 00	1, 410, 487. 25
4. Aircraft in commerce	3, 900, 000. 00	3, 700, 000. 00	489, 654. 43
Total, Secretary's office	6, 680, 000. 00	6, 454, 758. 00	2, 477, 124. 07
2. Bureau of Foreign and Domestic Commerce—			
1. Salaries	250, 000. 00	250, 000. 00	246, 679. 17
2. Promoting commerce, etc	3, 890, 000. 00	3, 385, 000. 00	2, 887, 230. 58
Total, Bureau of Foreign and Domestic Commerce	4, 140, 000. 00	3, 635, 000. 00	3, 133, 909. 75
3. Bureau of Census—			
1. Salaries	1, 000, 000. 00	1, 000, 000. 00	920, 895. 69
2. Miscellaneous expenses	1, 020, 000. 00	1, 100, 000. 00	1, 119, 702. 21
Total, Bureau of Census	2, 020, 000. 00	2, 100, 000. 00	2, 040, 597. 90
4. Steamboat Inspection Service—			
1. Salaries	810, 000. 00	785, 000. 00	708, 662. 91
2. Clerk hire	142, 000. 00	142, 000. 00	127, 818. 91
3. Contingent expenses	145, 000. 00	145, 000. 00	138, 432. 86
Total, Steamboat Inspection Service	1, 097, 000. 00	1, 072, 000. 00	974, 914. 68
5. Bureau of Navigation—			
1. Salaries	66, 000. 00	63, 000. 00	59, 864. 31
2. Contingent and miscellaneous expenses (including $3,000 for indefinite appropriations)	260, 000. 00	250, 000. 00	459, 344. 89
Total, Bureau of Navigation	326, 000. 00	313, 000. 00	519, 209. 20
6. Bureau of Standards—			
1. Salaries	590, 000. 00	570, 000. 00	536, 726. 84
2. Contingent and miscellaneous expenses	1, 630, 000. 00	1, 730, 000. 00	1, 268, 995. 22
Total, Bureau of Standards	2, 220, 000. 00	2, 300, 000. 00	1, 805, 722. 06
7. Bureau of Lighthouses, exclusive of public works—			
1. Salaries	94, 000. 00	93, 000. 00	83, 440. 62
2. Lighthouse Service—			
1. Salaries	5, 100, 000. 00	4, 800, 000. 00	4, 930, 991. 91
2. General expenses	4, 200, 000. 00	4, 433, 000. 00	4, 965, 921. 38
Total, Bureau of Lighthouses, exclusive of public works	9, 394, 000. 00	9, 326, 000. 00	9, 980, 353. 91
8. Coast and Geodetic Survey—			
1. Salaries and expenses	930, 000. 00	930, 000. 00	963, 795. 44
2. Pay of personnel of vessels	635, 000. 00	640, 000. 00	584, 497. 28
3. Field expenses	600, 000. 00	605, 000. 00	613, 927. 18
4. Repairs of vessels	80, 000. 00	80, 000. 00	81, 200. 40
5. Miscellaneous	60, 000. 00	63, 000. 00	30. 50
Total, Coast and Geodetic Survey	2, 305, 000. 00	2, 318, 000. 00	2, 243, 450. 80
9. Bureau of Fisheries, exclusive of public works—			
1. Salaries	740, 000. 00	715, 000. 00	657, 318. 65
2. Miscellaneous expenses	780, 000. 00	730, 000. 00	615, 717. 92
3. Alaska, general service	350, 000. 00	325, 000. 00	320, 338. 74
4. Mississippi wild life and fish refuge	20, 000. 00	20, 000. 00	10, 907. 00
Total, Bureau of Fisheries, exclusive of public works	1, 890, 000. 00	1, 790, 000. 00	1, 604, 282. 31
10. Patent Office—			
1. Salaries	2, 590, 000. 00	2, 515, 000. 00	2, 750, 539. 10
2. Miscellaneous expenses	70, 000. 00	70, 000. 00	52, 908. 72
3. Photolithography	225, 000. 00	225, 000. 00	214, 840. 13
Total, Patent Office	2, 885, 000. 00	2, 810, 000. 00	3, 018, 287. 95

No. 2—*Estimated expenditures, fiscal year 1929, compared with prior years*—Continued

DETAIL BY CHARACTER OF EXPENDITURES UNDER ORGANIZATION UNITS—Continued

Classification	Estimated, 1929	Estimated, 1928	Actual, 1927
I. ORDINARY EXPENDITURES—Continued.			
4. DEPARTMENT OF COMMERCE—Continued.			
(*a*) General expenditures—Continued.			
11. Bureau of Mines—			
1. Salaries and general expenses	$85, 000. 00	$91, 700. 00	$79, 524. 52
2. Investigating mine accidents	390, 000. 00	372, 400. 00	399, 709. 05
3. Operating mine rescue cars	330, 000. 00	311, 900. 00	288, 554. 56
4. Helium plants	525, 000. 00	966, 800. 00	449, 858. 48
5. Miscellaneous items	1, 160, 000. 00	1, 161, 200. 00	1, 243, 696. 21
Total, Bureau of Mines	2, 490, 000. 00	2, 904, 000. 00	2, 461, 342. 82
12. Miscellaneous items			26, 093. 18
13. Public works—			
1. Existing projects—			
1. Lighthouses, beacons, fog signals, light vessels, etc	750, 000. 00	875, 000. 00	73, 575. 75
2. Fish hatcheries			23, 846. 83
Total, existing projects	750, 000. 00	875, 000. 00	97, 422. 58
2. New projects—			
1. Lighthouses, beacons, fog signals, light vessels, etc	1, 500, 000. 00	875, 000. 00	
2. Fish hatcheries	70, 000. 00	81, 000. 00	
3. Coast Survey vessel		147, 000. 00	
Total, new projects	1, 570, 000. 00	1, 103, 000. 00	
Total, public works, Department of Commerce	2, 320, 000. 00	1, 978, 000. 00	97, 422. 58
			30, 382, 711. 21
Add cash expenditures in excess of checks issued			557, 037. 81
Total, Department of Commerce, general expenditures	37, 767, 000. 00	37, 000, 758. 00	30, 939, 749. 02
5. (1) INTERIOR DEPARTMENT (exclusive of Indian Service and pensions)—			
(*a*) General expenditures—			
1. Office of the Secretary—			
1. Salaries, office of the Secretary	475, 700. 00	486, 600. 00	446, 409. 89
2. Contingent and miscellaneous expenses	198, 000. 00	208, 232. 00	185, 419. 16
3. Printing and binding	256, 500. 00	254, 000. 00	238, 118. 41
4. Distribution of Revised Statutes	500. 00		
Total, office of the Secretary	930, 700. 00	948, 832. 00	869, 947. 46
2. General Land Office—			
1. Salaries and expenses	695, 000. 00	716, 800. 00	732, 562. 34
2. Surveying public lands	747, 500. 00	792, 500. 00	778, 883. 62
3. Salaries and commissions of registers	70, 000. 00	78, 000. 00	106, 308. 29
4. Contingent expenses, land offices	190, 500. 00	204, 500. 00	244, 695. 22
5. Protecting public lands, timber, etc	428, 500. 00	425, 500. 00	403, 998. 22
6. Indefinite appropriations—			
1. Repayment for lands erroneously sold	30, 000. 00	40, 000. 00	34, 554. 88
2. Payment of taxes on forfeited Oregon and California lands	600, 000. 00	1, 100, 000. 00	6, 102, 853. 49
3. Miscellaneous	13, 000. 00	13, 000. 00	
7. Special funds—			
1. Deposits for surveying public lands	30, 000. 00	32, 000. 00	28, 638. 51
2. Payments to States under oil leasing acts	2, 000, 000. 00	2, 498, 700. 00	3, 475, 287. 32
3. 5, 3, and 2 per cent funds to States	15, 000. 00	13, 900. 00	21, 267. 72
4. Coos Bay and Oregon and California land-grant funds	60, 000. 00	261, 100. 00	240. 05
8. Trust funds	1, 000. 00	1, 000. 00	7, 546. 77
Total, General Land Office	4, 880, 500. 00	6, 177, 000. 00	11, 936, 836. 43
3. Geological Survey—			
Salaries and general expenses	1, 824, 580. 00	1, 872, 212. 00	1, 812, 440. 72
4. National Park Service—			
1. Salaries	795, 887. 00	758, 884. 00	56, 475. 65
2. National parks, monuments, etc	1, 349, 000. 00	1, 061, 822. 00	1, 887, 917. 59
3. Construction of roads and trails	2, 500, 000. 00	5, 201, 994. 00	1, 841, 849. 53
Total, National Park Service	4, 644, 887. 00	7, 022, 700. 00	3, 786, 242. 77

No. 2—*Estimated expenditures, fiscal year 1929, compared with prior years*—Continued

DETAIL BY CHARACTER OF EXPENDITURES UNDER ORGANIZATION UNITS—Continued

Classification	Estimated, 1929	Estimated, 1928	Actual, 1927
I. ORDINARY EXPENDITURES—Continued.			
5. (1) **INTERIOR DEPARTMENT** (exclusive of Indian Service and pensions)—Continued.			
(*a*) General expenditures—Continued.			
5. Bureau of Education—			
1. Salaries	$212, 300. 00	$212, 300. 00	$197, 430. 55
2. Miscellaneous expenses	14, 000. 00	11, 500. 00	11, 345. 42
3. Investigation of land-grant colleges	49, 000. 00	59, 000. 00	
4. Education of the natives of Alaska	460, 000. 00	470, 000. 00	532, 737. 89
5. Medical relief in Alaska	159, 000. 00	150, 000. 00	153, 711. 36
6. Reindeer for Alaska	18, 500. 00	16, 500. 00	14, 159. 63
7. Colleges for agriculture and mechanic arts (permanent specific)	2, 550, 000. 00	2, 550, 000. 00	2, 550, 000. 00
8. Miscellaneous	13, 000. 00	13, 000. 00	4, 639. 08
Total, Bureau of Education	3, 475, 800. 00	3, 482, 300. 00	3, 464, 023. 93
6. Territorial governments—			
1. Alaska—			
1. Salaries, governor and secretary	10, 600. 00	10, 600. 00	10, 599. 99
2. Contingent and legislative expenses	64, 000. 00	12, 500. 00	51, 906. 60
3. Care and custody of insane in Alaska	158, 000. 00	161, 000. 00	171, 522. 81
4. Suppressing liquor traffic in Alaska	15, 000. 00	15, 000. 00	11, 687. 93
5. Special fund—Public schools, Alaska fund	50, 000. 00	50, 000. 00	40, 270. 35
2. Hawaii—			
1. Salaries, governor and secretary	15, 400. 00	15, 400. 00	15, 400. 00
2. Contingent and legislative expenses	35, 000. 00	4, 500. 00	34, 575. 76
Total, Territorial governments	348, 000. 00	269, 000. 00	335, 963. 44
7. Beneficiaries—			
1. St. Elizabeths Hospital	910, 000. 00	891, 000. 00	815, 197. 62
2. Columbia Institution for the Deaf	99, 000. 00	101, 250. 00	113, 400. 00
3. Howard University	210, 000. 00	185, 380. 00	219, 825. 76
4. Freedmen's Hospital	201, 000. 00	209, 100. 00	164, 566. 01
5. Trust funds, St. Elizabeths Hospital	200, 000. 00	225, 000. 00	229, 469. 66
Total, beneficiaries (exclusive of public works)	1, 620, 000. 00	1, 521, 730. 00	1, 542, 459. 05
8. Judgments, reliefs, and miscellaneous	5, 825. 00	7, 767. 00	129, 053. 02
9. Special deposit accounts			538, 892. 78
10. Public works—			
1. Buildings and grounds, Columbia Institution for the Deaf	31, 000. 00	11, 150. 00	
2. Buildings and grounds, Howard University	161, 042. 00	186, 620. 00	233, 059. 22
3. Buildings and grounds, Freedmen's Hospital	242, 000. 00		
4. Buildings and grounds, St. Elizabeths Hospital	400, 000. 00	125, 000. 00	115, 617. 56
5. Bureau of Reclamation—			
1. Reclamation fund, construction and operation of reclamation projects	12, 250, 000. 00	13, 100, 000. 00	7, 259, 629. 32
2. Investigations of arid, semiarid, swamp, and cut-over timberlands		49, 500. 00	12, 328. 20
3. Colorado River levee system	100, 000. 00	70, 000. 00	
4. Auxiliary reclamation fund, Yuma project, Arizona			[1] 29, 063. 81
5. Investigations, Columbia Basin, irrigation project		15, 000. 00	4, 070. 55
6. Repayment on Federal bond loan	1, 000, 000. 00	1, 000, 000. 00	1, 000, 000. 00
Total, Bureau of Reclamation	13, 350, 000. 00	14, 234, 500. 00	8, 246, 964. 26
6. Alaska Railroad	1, 700, 000. 00	1, 550, 000. 00	1, 572, 143. 28
Total, public works, Interior Department	15, 884, 042. 00	16, 107, 270. 00	10, 167, 784. 32
Total, Interior Department (exclusive of Indian Service and pensions), general expenditures	33, 614, 334. 00	37, 408, 811. 00	34, 583, 643. 92

[1] Deduct—excess of credits.

No. 2—*Estimated expenditures, fiscal year 1929, compared with prior years*—Continued

DETAIL BY CHARACTER OF EXPENDITURES UNDER ORGANIZATION UNITS—Continued

Classification	Estimated, 1929	Estimated, 1928	Actual, 1927
I. ORDINARY EXPENDITURES—Continued.			
5. (2) INDIAN SERVICE—			
(*a*) General expenditures—			
1. Bureau of Indian Affairs—			
1. Salaries	$356,000.00	$356,000.00	$351,968.17
2. Indian Service—			
1. Current and contingent expenses of the Indian Service	2,829,000.00	2,593,466.00	1,660,203.49
2. Fulfilling treaty stipulations and treaty supports of Indian tribes	882,020.00	903,662.00	630,205.31
3. Miscellaneous supports of Indian tribes	899,000.00	890,010.00	837,400.91
4. General and miscellaneous expenses of the Indian Service	1,861,989.00	5,112,637.00	2,994,141.96
5. Support of schools	6,884,000.00	6,008,013.00	6,138,458.81
3. Indefinite appropriations—			
1. Interest on Indian trust funds	720,000.00	730,000.00	1,329,740.57
2. Civilization of the Sioux Indians	140,000.00	140,000.00	103,846.95
4. Trust funds—			
1. Indian tribal funds, principal	19,000,000.00	19,000,000.00	20,152,651.97
2. Indian moneys, proceeds of labor	2,000,000.00	2,000,000.00	2,718,115.38
5. Special deposit accounts	----------	----------	[1] 1,393,212.03
Total, Bureau of Indian Affairs, general expenditures	35,572,009.00	37,733,788.00	35,523,521.49
5. (3) PENSIONS—			
(*a*) General expenditures—			
1. Bureau of Pensions—			
1. Army and Navy pensions	210,000,000.00	221,000,000.00	229,956,741.00
2. Salaries and expenses	1,228,000.00	1,266,000.00	1,371,422.05
3. Investigation of pension cases	110,000.00	120,000.00	94,218.27
4. Fees of examining surgeons, pensions	450,000.00	450,000.00	534,952.54
Total, Bureau of Pensions, general expenditures	211,788,000.00	222,836,000.00	231,957,333.86
			302,064,499.27
Add cash expenditures in excess of checks issued	----------	----------	642,245.92
Total, Interior Department, including Indian Service and pensions, general expenditures	280,974,343.00	297,978,599.00	302,706,745.19
(*l*) Civil-service retirement fund, investments	19,500,000.00	[1] 425,000.00	[1] 425,194.65
Total, Interior Department	300,474,343.00	297,553,599.00	302,281,550.54
6. (1) DEPARTMENT OF JUSTICE—			
(*a*) General expenditures—			
1. Departmental salaries	1,066,600.00	1,005,000.00	930,104.47
2. Contingent and miscellaneous expenses	81,000.00	80,000.00	70,481.59
3. Rent of buildings	118,000.00	118,000.00	108,333.29
4. Printing and binding	280,000.00	284,000.00	323,047.66
5. Miscellaneous objects—			
1. Protecting interests of the United States in customs matters	108,000.00	101,200.00	99,703.36
2. Defending suits and claims against the United States	83,000.00	83,000.00	64,614.16
3. Detection and prosecution of crimes	2,225,000.00	2,210,000.00	2,003,618.07
4. Examination of judicial offices	160,000.00	161,000.00	133,968.69
5. Enforcement of antitrust laws	200,000.00	195,500.00	174,635.01
6. Investigation and prosecution of war frauds	----------	20,000.00	263,496.37
7. Special fund, purchase of landing field, Little Rock, Ark	----------	----------	100,000.00
8. Miscellaneous items	43,000.00	47,434.00	51,987.33
Total, Department of Justice proper	4,364,600.00	4,305,134.00	4,323,990.00
6. (2) JUDICIAL—			
(*a*) General expenditures—			
1. Salaries, etc.—			
1. Salaries and expenses, Supreme Court	340,000.00	360,000.00	289,558.49
2. Salaries of circuit, district, and retired judges	1,850,000.00	2,045,000.00	1,317,668.80
3. National Park Commissioners	11,160.00	11,160.00	11,625.00
4. Court of Customs Appeals	106,000.00	116,000.00	84,010.01
5. Court of Claims	172,000.00	220,000.00	182,902.15
6. Territorial courts	160,700.00	165,000.00	143,882.22
Total, judicial, salaries, etc	2,639,860.00	2,917,160.00	2,029,646.67

[1] Deduct—excess of credits.

No. 2—*Estimated expenditures, fiscal year 1929, compared with prior years*—Continued

DETAIL BY CHARACTER OF EXPENDITURES UNDER ORGANIZATION UNITS—Continued

Classification	Estimated, 1929	Estimated, 1928	Actual, 1927
I. ORDINARY EXPENDITURES—Continued.			
6. (2) JUDICIAL—Continued.			
(*a*) General expenditures—Continued.			
2. Expenses, etc., United States courts—			
1. Salaries, fees, and expenses of marshals	$3, 650, 000. 00	$3, 600, 000. 00	$3, 356, 745. 54
2. Salaries and expenses of attorneys	2, 900, 000. 00	2, 830, 000. 00	2, 611, 090. 74
3. Salaries and expenses of clerks of circuit and district courts	1, 820, 000. 00	1, 795, 000. 00	1, 730, 499. 47
4. Fees of commissioners	550, 000. 00	588, 000. 00	504, 877. 77
5. Fees of jurors	1, 875, 000. 00	1, 875, 000. 00	1, 462, 937. 42
6. Fees of witnesses	1, 725, 000. 00	1, 725, 000. 00	1, 268, 974. 99
7. Pay of bailiffs	445, 000. 00	440, 000. 00	316, 053. 54
8. Miscellaneous expenses of United States courts	950, 000. 00	795, 000. 00	730, 656. 58
9. Rent, supplies, and purchase of books	210, 000. 00	270, 000. 00	274, 461. 21
Total, expenses, United States courts	14, 125, 000. 00	13, 918, 000. 00	12, 256, 297. 26
3. Penal and correctional institutions, exclusive of public works—			
1. United States penitentiary, Leavenworth, Kans	885, 000. 00	854, 240. 00	885, 719. 58
2. United States penitentiary, Atlanta, Ga	850, 000. 00	850, 000. 00	807, 060. 34
3. United States penitentiary, McNeil Island, Wash	330, 000. 00	272, 900. 00	309, 736. 29
4. Federal Industrial Institution for Women, Alderson, W. Va	260, 000. 00	218, 000. 00	85, 315. 54
5. United States Industrial Reformatory, Chillicothe, Ohio	360, 000. 00	335, 000. 00	143, 303. 76
6. National Training School for Boys, Washington, D. C	170, 000. 00	166, 800. 00	143, 856. 86
7. Probation system, etc	43, 000. 00	30, 000. 00	1, 317. 59
8. Support of prisoners	2, 350, 000. 00	2, 730, 000. 00	2, 414, 996. 29
9. Working capital, United States penitentiaries			[1] 26, 956. 75
Total, penal and correctional institutions, exclusive of public works	5, 248, 000. 00	5, 456, 940. 00	4, 764, 349. 50
4. Special deposit accounts			[1] 23, 460. 81
5. Miscellaneous			50, 833. 47
6. Public works—			
1. United States penitentiary, Leavenworth, Kans	16, 000. 00	130, 000. 00	72, 784. 13
2. United States penitentiary, Atlanta, Ga		274, 000. 00	3, 295. 35
3. United States penitentiary, McNeil Island, Wash	180, 000. 00	187, 750. 00	97, 748. 87
4. Federal Industrial Institution for Women, Alderson, W. Va	20, 000. 00	950, 000. 00	1, 072, 990. 74
5. National Training School for Boys, Washington, D. C	60, 000. 00	46, 500. 00	9, 503. 79
6. Industrial Reformatory, Chillicothe, Ohio		100, 000. 00	
7. Miscellaneous			5, 000. 00
Total, public works	276, 000. 00	1, 688, 250. 00	1, 261, 322. 88
Total, judicial	22, 288, 860. 00	23, 980, 350. 00	20, 338, 988. 97
			24, 662, 978. 97
Add cash expenditures in excess of checks issued			156, 078. 73
Total, Department of Justice, general expenditures	26, 653, 460. 00	28, 285, 484. 00	24, 819, 057. 70
7. DEPARTMENT OF LABOR—			
(*a*) General expenditures—			
1. General—			
1. Salaries, office of the Secretary	192, 000. 00	191, 240. 00	185, 398. 53
2. Commissioners of Conciliation	200, 000. 00	188, 760. 00	194, 087. 66
3. Contingent and miscellaneous expenses	107, 000. 00	120, 783. 00	85, 614. 39
4. Printing and binding	205, 000. 00	203, 393. 00	212, 880. 44
Total, general	704, 000. 00	704, 176. 00	677, 981. 02
2. Bureau of Labor Statistics—			
1. Salaries	220, 000. 00	220, 000. 00	218, 784. 33
2. Miscellaneous expenses	80, 000. 00	79, 520. 00	73, 643. 08
Total, Bureau of Labor Statistics	300, 000. 00	299, 520. 00	292, 427. 41
3. Bureau of Immigration—			
1. Salaries	91, 840. 00	91, 840. 00	91, 420. 04
2. Expenses of regulating immigration	6, 875, 000. 00	6, 520, 000. 00	6, 253, 489. 62
3. Special funds—refund of passage money, etc			4, 252. 38
Total, Bureau of Immigration	6, 966, 840. 00	6, 611, 840. 00	6, 349, 162. 04

[1] Deduct—excess of credits.

No. 2—*Estimated expenditures, fiscal year 1929, compared with prior years*—Continued

Detail by Character of Expenditures Under Organization Units—Continued

Classification	Estimated, 1929	Estimated, 1928	Actual, 1927
I. ORDINARY EXPENDITURES—Continued.			
7. DEPARTMENT OF LABOR—Continued.			
(a) General expenditures—Continued.			
4. Bureau of Naturalization—			
1. Salaries	$98, 000. 00	$98, 000. 00	$96, 936. 32
2. Miscellaneous expenses	680, 000. 00	656, 000. 00	637, 625. 67
3. Publishing citizenship textbooks (indefinite)	10, 000. 00	16, 000. 00	
Total, Bureau of Naturalization	788, 000. 00	770, 000. 00	734, 561. 99
5. Children's Bureau—			
1. Salaries	105, 000. 00	105, 000. 00	103, 768. 20
2. Investigation of child welfare	135, 000. 00	135, 000. 00	131, 437. 06
3. General expenses	60, 000. 00	60, 000. 00	53, 420. 06
4. Maternity and infancy	1, 108, 000. 00	1, 086, 086. 00	1, 055, 900. 45
Total, Children's Bureau	1, 408, 000. 00	1, 386, 086. 00	1, 344, 525. 86
6. Women's Bureau: Salaries and expenses	102, 000. 00	100, 034. 00	100, 476. 41
7. Employment Service: Salaries and expenses	190, 000. 00	200, 417. 00	199, 125. 49
8. Miscellaneous items			81, 652. 02
9. Public works, immigrant stations	267, 000. 00	48, 500. 00	61, 363. 86
			9, 841, 276. 10
Add cash expenditures in excess of checks issued			80, 368. 16
Total, Department of Labor, general expenditures	10, 725, 840. 00	10, 120, 573. 00	9, 921, 644. 26
8. NAVY DEPARTMENT—			
(a) General expenditures—			
1. Office of the Secretary—			
1. Salaries, office of the Secretary	172, 000. 00	169, 000. 00	166, 799. 42
2. Salaries, General Board	10, 000. 00	10, 500. 00	10, 085. 12
3. Salaries, naval examining and retiring boards	9, 000. 00	9, 400. 00	9, 739. 92
4. Salaries, Compensation Board	15, 000. 00	18, 000. 00	18, 004. 95
5. Contingent expenses of the department	81, 000. 00	79, 000. 00	96, 309. 29
6. Printing and binding	510, 000. 00	500, 000. 00	495, 565. 24
7. Pay, miscellaneous	1, 450, 000. 00	1, 450, 000. 00	1, 740, 622. 20
8. Contingent, Navy	30, 000. 00	30, 000. 00	18, 999. 87
9. Temporary government for West Indian Islands	300, 000. 00	280, 000. 00	277, 031. 27
10. State marine schools	75, 000. 00	75, 000. 00	75, 000. 00
11. Care of lepers, island of Guam	34, 000. 00	29, 500. 00	31, 521. 50
12. Miscellaneous items under the Secretary		3, 000. 00	60, 491. 82
13. Naval research laboratory	195, 000. 00	174, 000. 00	174, 466. 95
14. Office of Naval Records and Library	37, 000. 00	37, 500. 00	39, 026. 14
15. Salaries, office of Judge Advocate General	110, 000. 00	107, 000. 00	99, 971. 30
16. Salaries, office of Chief of Naval Operations	66, 000. 00	66, 000. 00	67, 689. 94
17. Salaries, Board of Inspection and Survey	19, 000. 00	19, 200. 00	20, 052. 88
18. Salaries, office of Director of Naval Communications	125, 000. 00	125, 000. 00	126, 585. 64
19. Salaries, office of Naval Intelligence	37, 000. 00	37, 000. 00	35, 067. 41
Total, office of the Secretary	3, 275, 000. 00	3, 219, 100. 00	3, 563, 030. 86
2. Bureau of Navigation—			
1. Salaries	414, 000. 00	414, 000. 00	414, 176. 31
2. Recreation for enlisted men	397, 000. 00	398, 000. 00	423, 997. 81
3. Contingent, Bureau of Navigation	10, 000. 00	12, 000. 00	9, 361. 97
4. Gunnery and engineering exercises	55, 000. 00	44, 000. 00	33, 388. 88
5. Miscellaneous under Bureau of Navigation			10, 021. 58
6. Instruments and supplies	575, 000. 00	585, 000. 00	696, 819. 66
7. Ocean and lake surveys	75, 000. 00	80, 000. 00	86, 713. 09
8. Naval training stations	925, 000. 00	890, 000. 00	913, 799. 11
9. Naval Reserve	4, 015, 000. 00	3, 750, 000. 00	3, 525, 744. 52
10. Naval Reserve Officers' Training Corps	95, 000. 00	60, 000. 00	30, 871. 55
11. Naval War College	107, 950. 00	103, 000. 00	109, 079. 49
12. Salaries, Hydrographic Office	333, 000. 00	323, 000. 00	308, 801. 45
13. Contingent and miscellaneous expenses, Hydrographic Office	115, 000. 00	114, 000. 00	110, 526. 67
14. Salaries, Naval Observatory	105, 000. 00	86, 500. 00	84, 949. 02
15. Contingent and miscellaneous expenses, Naval Observatory	34, 000. 00	35, 000. 00	35, 622. 87
16. Salaries, Nautical Almanac Office	32, 000. 00	32, 000. 00	29, 423. 39
17. Administrative expenses, World War adjusted compensation act	5, 000. 00	26, 000. 00	43, 382. 53
18. Indefinite appropriations—			
1. Naval Home, Philadelphia, Pa	170, 000. 00	165, 000. 00	156, 447. 19
2. Navy fines and forfeitures	140, 000. 00	140, 000. 00	273, 403. 44
Total, Bureau of Navigation	7, 602, 950. 00	7, 257, 500. 00	7, 296, 530. 53

No. 2—*Estimated expenditures, fiscal year 1929, compared with prior years*—Continued

Detail by Character of Expenditures Under Organization Units—Continued

Classification	Estimated, 1929	Estimated, 1928	Actual, 1927
I. ORDINARY EXPENDITURES—Continued.			
8. NAVY DEPARTMENT—Continued.			
(a) General expenditures—Continued.			
3. Bureau of Engineering—			
1. Salaries	$275,000.00	$275,000.00	$273,124.43
2. Engineering	19,200,000.00	19,400,000.00	18,886,138.21
3. Engineering experiment station (Annapolis)	174,000.00	174,500.00	191,915.23
Total, Bureau of Engineering	19,649,000.00	19,849,500.00	19,351,177.87
4. Bureau of Construction and Repair—			
1. Salaries	349,000.00	348,500.00	318,833.92
2. Construction and repair of vessels	16,800,000.00	16,965,000.00	17,691,371.10
Total, Bureau of Construction and Repair	17,149,000.00	17,313,500.00	18,010,205.02
5. Bureau of Ordnance—			
1. Salaries	143,000.00	143,000.00	135,515.04
2. Ordnance and ordnance stores	12,000,000.00	12,000,000.00	11,372,488.50
3. Torpedoes and appliances	400,000.00	600,000.00	645,643.37
4. Experiments		190,000.00	195,171.58
5. Miscellaneous			3,742.08
Total, Bureau of Ordnance	12,543,000.00	12,933,000.00	12,352,560.57
6. Bureau of Supplies and Accounts—			
1. Salaries	793,000.00	793,000.00	797,791.04
2. Pay, subsistence, and transportation	148,000,000.00	147,000,000.00	144,910,449.92
3. Maintenance	9,840,000.00	9,750,000.00	10,043,976.10
4. Fuel and transportation	10,600,000.00	11,000,000.00	12,027,726.14
5. General account of advances			[1] 3,065,017.50
6. Naval supply account fund			[1] 3,041,155.65
7. Naval working fund		120,000.00	2,840,120.79
8. Judgments of courts, relief acts, etc		1,214,767.00	[1] 11,309.54
9. Reserve material, Navy	5,000.00	5,000.00	[1] 6,356.32
10. Indefinite appropriations—			
1. Ships' stores profits	300,000.00	300,000.00	301,917.90
2. Clothing and small stores fund	800,000.00	227,000.00	2,544,845.49
3. Pay of the Navy, deposit fund, trust fund	10,000.00	10,000.00	19,573.90
4. Miscellaneous indefinite appropriations	50.00	1,000,000.00	
Total, Bureau of Supplies and Accounts	170,348,050.00	171,419,767.00	167,362,562.27
7. Bureau of Medicine and Surgery—			
1. Salaries	72,000.00	71,000.00	72,181.96
2. Medical Department	2,000,000.00	1,975,000.00	1,978,632.22
3. Care of the dead	60,000.00	65,000.00	95,408.90
4. Naval hospital fund, special fund	1,000,000.00	2,600,000.00	2,275,723.81
5. Contingent and miscellaneous			67,592.80
Total, Bureau of Medicine and Surgery	3,132,000.00	4,711,000.00	4,489,539.69
8. Bureau of Yards and Docks, exclusive of public works—			
1. Salaries	257,000.00	253,000.00	236,373.14
2. Maintenance	7,450,000.00	7,000,000.00	7,375,376.57
3. Contingent	123,000.00	125,000.00	152,482.46
Total, Bureau of Yards and Docks, exclusive of public works	7,830,000.00	7,378,000.00	7,764,232.17
9. Bureau of Aeronautics—			
1. Salaries	204,000.00	199,800.00	189,530.58
2. Aviation, Navy	32,500,000.00	25,000,000.00	15,167,478.67
3. Miscellaneous	1,850,000.00	470,000.00	7,221.40
Total, Bureau of Aeronautics	34,554,000.00	25,669,800.00	15,364,230.65
10. Naval Academy—			
1. Pay	805,000.00	800,000.00	857,496.94
2. Current and miscellaneous expenses	83,000.00	80,000.00	84,487.69
3. Maintenance and repairs	1,070,000.00	990,000.00	1,107,772.12
Total, Naval Academy	1,958,000.00	1,870,000.00	2,049,756.75

[1] Deduct—excess of credits.

No. 2—*Estimated expenditures, fiscal year 1929, compared with prior years*—Continued

DETAIL BY CHARACTER OF EXPENDITURES UNDER ORGANIZATION UNITS—Continued

Classification	Estimated, 1929	Estimated, 1928	Actual, 1927
I. ORDINARY EXPENDITURES—Continued.			
8. NAVY DEPARTMENT—Continued.			
(a) General expenditures—Continued.			
11. Marine Corps—			
1. Pay	$15, 700, 000. 00	$15, 450, 000. 00	$14, 911, 339. 79
2. Pay of civil force, Marine Corps	158, 000. 00	158, 000. 00	154, 314. 36
3. General expenses	8, 300, 000. 00	8, 270, 000. 00	7, 924, 265. 98
4. Pay of Marine Corps, deposit fund, trust fund	12, 000. 00		110, 206. 67
5. Reserve supplies			65, 041. 64
Total, Marine Corps	24, 170, 000. 00	23, 878, 000. 00	23, 165, 168. 44
12. Increase of the Navy	51, 000, 000. 00	48, 500, 000. 00	28, 074, 942. 35
13. Miscellaneous—			
1. Modernizing naval vessels	10, 000, 000. 00		
2. Alterations to naval vessels		5, 837, 000. 00	10, 647, 032. 90
3. Scrapping of naval vessels			109, 910. 52
4. Relief and miscellaneous items			1, 628, 633. 97
5. Special deposit accounts			[1] 18, 554. 76
Total, miscellaneous	10, 000, 000. 00	5, 837, 000. 00	12, 367, 022. 63
14. Public works—			
1. Navy yards and stations	4, 000, 000. 00	5, 691, 900. 00	2, 312, 802. 27
2. Depots for coal	80, 000. 00	6, 000. 00	54, 341. 93
3. Naval operating bases	450, 000. 00	200, 000. 00	97, 861. 91
4. Hospitals and medical supply depots	10, 000. 00	30, 000. 00	89, 192. 02
5. Marine barracks	1, 500, 000. 00		121. 11
6. Buildings and grounds, Naval Academy	100, 000. 00	2, 000. 00	14, 087. 47
7. Naval training stations, buildings	75, 000. 00	172, 800. 00	
8. Naval magazines and proving grounds	801, 000. 00	270, 900. 00	383, 684. 91
9. Aviation		250, 000. 00	75, 126. 51
10. Miscellaneous	1, 000, 000. 00	615, 000. 00	
Total, public works	8, 016, 000. 00	7, 238, 600. 00	3, 027, 218. 13
			324, 238, 177. 93
Deduct checks issued in excess of cash expenditure			5, 329, 081. 65
Total, Navy Department, (a) general expenditures	371, 227, 000. 00	357, 074, 767. 00	318, 909, 096. 28
9. POST OFFICE DEPARTMENT—			
Payable from the Treasury—			
(a) General expenditures, miscellaneous items			189, 037. 77
(c) Deficiencies in postal revenues	15, 270, 042. 00	30, 370, 400. 00	27, 263, 191. 12
Total, Post Office Department, payable from the Treasury	15, 270, 042. 00	30, 370, 400. 00	27, 452, 228. 89
10. STATE DEPARTMENT—			
(a) General expenditures—			
1. Department proper—			
1. Salaries	1, 145, 760. 00	1, 079, 600. 00	1, 058, 272. 53
2. Contingent expenses	53, 605. 00	43, 500. 00	53, 314. 75
3. Printing and binding	200, 000. 00	187, 500. 00	156, 828. 01
4. Passport bureaus	63, 000. 00	61, 425. 00	60, 200. 09
5. Collection and editing of official papers of the Territories		19, 500. 00	19, 666. 99
Total, department proper	1, 462, 365. 00	1, 391, 525. 00	1, 348, 282. 37
2. Foreign Service—			
1. Salaries of ambassadors and ministers, clerks, etc., at embassies and legations	1, 040, 500. 00	985, 000. 00	909, 414. 17
2. Contingent expenses foreign missions	912, 850. 00	855, 000. 00	723, 645. 50
3. Embassy, legation, and consular buildings and grounds	1, 633, 883. 00	400, 000. 00	109, 081. 29
4. Allowance for clerk hire at consulates	1, 645, 000. 00	1, 570, 000. 00	1, 588, 001. 26
5. Contingent expenses of consulates	1, 035, 000. 00	990, 000. 00	981, 329. 22
6. Immigration of aliens	500, 000. 00	479, 720. 00	464, 909. 55
7. Salaries for Foreign Service officers	2, 850, 000. 00	2, 920, 000. 00	2, 816, 105. 24
8. Transportation of Foreign Service officers	330, 000. 00	300, 000. 00	258, 394. 76
9. Emergencies arising in the Diplomatic and Consular Service	400, 000. 00	400, 000. 00	296, 483. 47
10. Post allowances	100, 000. 00	24, 000. 00	23, 198. 63
11. Miscellaneous items	53, 250. 00	70, 211. 00	53, 206. 17
Total, Foreign Service	10, 500, 483. 00	8, 993, 931. 00	8, 223, 769. 26
3. International commissions and bureaus	1, 345, 175. 00	1, 569, 269. 00	959, 667. 37

No. 2—*Estimated expenditures, fiscal year 1929, compared with prior years*—Continued

DETAIL BY CHARACTER OF EXPENDITURES UNDER ORGANIZATION UNITS—Continued

Classification	Estimated, 1929	Estimated, 1928	Actual, 1927
I. ORDINARY EXPENDITURES—Continued.			
10. STATE DEPARTMENT—Continued.			
(*a*) General expenditures—Continued.			
4. Nonadministrative expenses—			
1. Relief and protection of American seamen	$100,000.00	$65,000.00	$64,374.12
2. Rescuing shipwrecked American seamen	2,000.00	2,000.00	1,777.27
3. Payment to Republic of Colombia			5,000,000.00
4. Payment to Republic of Panama	250,000.00	250,000.00	250,000.00
5. United States Court for China	34,250.00	31,000.00	32,322.40
6. Prisons for American convicts	13,000.00	18,000.00	12,777.55
7. Miscellaneous items	2,500.00	2,000.00	212,424.28
Total, nonadministrative expenses	401,750.00	368,000.00	5,573,675.62
5. Permanent and indefinite appropriations—			
1. Pay of Foreign Service officers for services to American vessels and seamen	10,000.00	10,000.00	13,314.45
2. Pan American Union quotas	95,233.00	95,233.00	249,682.24
3. Foreign government moieties and expenses, Mixed Claims Commission	15,000.00	25,071.00	16,068.57
4. Miscellaneous items			58.00
Total, permanent and indefinite appropriations	120,233.00	130,304.00	279,123.26
6. Special deposit accounts			[1] 25,851.98
7. Trust funds—			
1. Foreign Service retirement fund, annuities, etc	88,000.00	70,000.00	74,374.62
2. Other trust funds	21,000.00	21,000.00	5,956.52
Total, trust funds	109,000.00	91,000.00	80,331.14
			16,438,997.04
Add cash expenditures in excess of checks issued			58,671.56
Total, State Department, general expenditures	13,939,006.00	12,544,029.00	16,497,668.60
(*o*) Investment of Foreign Service retirement fund	294,000.00	100,000.00	87,267.50
Total, State Department	14,233,006.00	12,644,029.00	16,584,936.10
11. TREASURY DEPARTMENT—			
(*a*) General expenditures—			
1. General—			
1. Secretary's office	157,900.00	154,640.00	152,098.57
2. Office of chief clerk and superintendent	626,080.00	597,233.00	601,045.08
3. Division of Supply—			
1. Salaries, postage, and stationery	595,400.00	560,400.00	452,867.53
2. Printing and binding	720,000.00	765,000.00	684,965.48
3. General Supply Committee	118,000.00	114,000.00	117,178.14
Total, Division of Supply	1,433,400.00	1,439,400.00	1,255,011.15
4. Office of Commissioner of Accounts and Deposits	83,980.00	78,060.00	72,231.50
5. Division of Bookkeeping and Warrants	562,635.00	565,300.00	601,447.07
6. Public Debt Service—			
1. Current expenses	2,600,000.00	2,625,000.00	2,679,528.77
2. Distinctive paper for United States securities	1,175,000.00	1,398,480.00	1,427,652.04
3. Expenses of loans	423,180.00	564,930.00	417,430.06
4. Preparation, custody, and delivery of Federal farm loan bonds (reimbursable)	92,832.00	71,000.00	31,273.85
5. Preparation, custody, and delivery of Federal intermediate credit bank securities (reimbursable)	3,725.00	3,000.00	[1] 171,801.30
Total, Public Debt Service	4,294,737.00	4,662,410.00	4,384,083.42
7. Division of Appointments	59,000.00	58,700.00	60,104.82
8. Office of disbursing clerk	53,500.00	52,880.00	51,207.75
9. World War Foreign Debt Commission			1,565.36
Total, general	7,271,232.00	7,608,623.00	7,178,794.72
2. Bureau of Customs—			
1. Collecting the customs revenues	18,700,000.00	17,575,000.00	17,146,913.50
2. Compensation in lieu of moieties	150,000.00	150,000.00	146,323.50
3. Purchase of scales	95,000.00	95,000.00	65,633.04
Total, Bureau of Customs (exclusive of refunds)	18,945,000.00	17,820,000.00	17,358,870.04

[1] Deduct—excess of credits.

No. 2—*Estimated expenditures, fiscal year 1929, compared with prior years*—Continued

DETAIL BY CHARACTER OF EXPENDITURES UNDER ORGANIZATION UNITS—Continued

Classification	Estimated, 1929	Estimated, 1928	Actual, 1927
I. ORDINARY EXPENDITURES—Continued.			
11. TREASURY DEPARTMENT—Continued.			
(*a*) General expenditures—Continued.			
3. Bureau of the Budget	$176,000.00	$176,000.00	$167,075.36
4. Federal Farm Loan Bureau, special funds	833,201.00	680,000.00	566,170.30
5. Office of Treasurer of the United States—			
1. Salaries, office of Treasurer of the United States	1,090,000.00	1,070,000.00	1,070,737.38
2. Salaries, office of Treasurer of the United States (national currency, reimbursable)	305,000.00	310,000.00	311,308.91
3. Contingent expenses, office of Treasurer of the United States (national currency, reimbursable)	150,000.00	159,000.00	164,654.74
Total, office of Treasurer of the United States	1,545,000.00	1,539,000.00	1,546,701.03
6. Office of Comptroller of the Currency—			
1. Salaries, comptroller's office	235,000.00	235,000.00	217,398.92
2. Salaries, comptroller's office (national currency, reimbursable)	48,960.00	48,960.00	59,081.68
3. Special examinations of national banks	1,500.00	1,500.00	1,368.03
4. Salaries and expenses, national-bank examiners (special fund)	2,300,000.00	2,300,000.00	2,294,183.30
Total, office of Comptroller of the Currency	2,585,460.00	2,585,460.00	2,572,031.93
7. Internal Revenue Service—			
1. Salaries, office of Commissioner of Internal Revenue (reimbursable)		1,860.00	1,823.63
2. Expenses of collecting	32,472,837.00	33,359,000.00	33,087,681.88
Total, Internal Revenue Service (exclusive of refunds)	32,472,837.00	33,360,860.00	33,089,505.51
8. Bureau of Prohibition—			
1. Enforcement of prohibition and narcotic acts	12,729,140.00	13,120,405.00	12,329,728.27
9. Coast Guard—			
1. Salaries, office of Coast Guard	262,000.00	260,000.00	235,805.87
2. Expenses of the Coast Guard	29,254,000.00	29,467,000.00	27,675,757.08
3. Coast Guard special funds	23,750.00	28,500.00	6,228.67
Total, Coast Guard	29,539,750.00	29,755,500.00	27,917,791.62
10. Bureau of Engraving and Printing	6,207,795.00	7,110,083.00	6,917,042.04
11. Secret Service Division	551,740.00	512,640.00	453,009.13
12. Public Health Service—			
1. Salaries and expenses	3,959,600.00	3,600,495.00	3,587,317.27
2. Prevention of epidemic diseases	244,600.00	383,189.00	229,033.24
3. Pay of personnel and maintenance of hospitals	5,441,000.00	5,690,852.00	5,253,503.46
4. Expenses, Division of Venereal Diseases	70,000.00	70,000.00	71,830.27
Total, Public Health Service	9,715,200.00	9,744,536.00	9,141,684.24
13. Mint establishment—			
1. Salaries and expenses, Bureau of the Mint	47,000.00	46,600.00	43,377.65
2. Mints and assay offices	1,572,460.00	1,584,620.00	1,504,953.58
Total, mint establishment	1,619,460.00	1,631,220.00	1,548,331.23
14. Supervising Architect of the Treasury—			
1. Salaries	337,120.00	352,800.00	333,857.40
2. Operation and maintenance of public buildings	11,075,400.00	10,425,050.00	10,035,989.00
3. Equipment, etc., public buildings	3,610,000.00	3,115,000.00	2,435,157.46
Total, office of Supervising Architect proper	15,022,520.00	13,892,850.00	12,805,003.86
4. Public works—			
1. Customhouses, courthouses, post offices, etc	32,989,000.00	15,400,000.00	7,312,651.19
2. Marine hospitals	1,800,000.00	1,100,000.00	174,832.69
3. Quarantine stations	36,000.00	100,000.00	330,352.75
4. Hospital facilities and construction		55,000.00	46,023.20
5. Remodeling and enlarging public buildings	300,000.00	525,000.00	871,864.01
Total, public works, Treasury Department	35,125,000.00	17,180,000.00	8,735,723.84
Total, Supervising Architect	50,147,520.00	31,072,850.00	21,540,727.70

No. 2—*Estimated expenditures, fiscal year 1929, compared with prior years*—Continued

DETAIL BY CHARACTER OF EXPENDITURES UNDER ORGANIZATION UNITS—Continued

Classification	Estimated, 1929	Estimated, 1928	Actual, 1927
I. ORDINARY EXPENDITURES—Continued.			
11. TREASURY DEPARTMENT—Continued.			
(*a*) General expenditures—Continued.			
15. Miscellaneous expenses—			
1. Cape Cod Canal bonds—Principal and interest	$6, 300, 000. 00		
2. Promoting education of the blind	75, 000. 00	$75, 000. 00	$50, 000. 00
3. Premium on sinking-fund purchases		935, 661. 00	7, 111, 244. 28
4. Judgments and claims		77, 897. 00	536, 688. 78
5. Capital stock payments Federal intermediate credit banks			1, 000, 000. 00
6. Miscellaneous items			44, 763. 58
7. Special deposit accounts			625, 752. 47
Total, miscellaneous expenses	6, 375, 000. 00	1, 088, 558. 00	9, 368, 449. 11
16. Trust funds—			
1. Securities trust fund	71, 000. 00	71, 000. 00	71, 162. 75
2. Outstanding liabilities	[1] 260, 000. 00	[1] 260, 000. 00	[1] 262, 454. 78
Total, trust funds, Treasury Department	[1] 189, 000. 00	[1] 189, 000. 00	[1] 191, 292. 03
			151, 504, 620. 20
Add cash expenditures in excess of checks issued			55, 713. 58
Total, Treasury Department (*a*) general expenditures	180, 525, 335. 00	157, 616, 735. 00	151, 560, 333. 78
(*b*) Interest on the public debt	670, 000, 000. 00	720, 000, 000. 00	787, 019, 578. 18
(*c*) Refund of receipts, customs—			
1. Debentures or drawbacks, bounties or allowances	12, 000, 000. 00	12, 500, 000. 00	12, 496, 882. 03
2. Refund of excess of duties	7, 000, 000. 00	7, 500, 000. 00	7, 780, 598. 52
3. Philippine Islands, customs collections	5, 500. 00	5, 500. 00	6, 927. 65
4. Other refunds or drawbacks	7, 500. 00	5, 000. 00	9, 474. 58
			20, 293, 882. 78
Add cash expenditures in excess of checks issued			26, 641. 59
Total, refund of receipts, customs	19, 013, 000. 00	20, 010, 500. 00	20, 320, 524. 37
(*d*) Refund of receipts, internal revenue—			
1. Refunding taxes erroneously collected	135, 000, 000. 00	150, 000. 000. 00	106, 933, 010. 91
2. Philippine Islands, internal-revenue collections	400, 000. 00	400, 000. 00	694, 559. 33
3. Porto Rico, internal-revenue taxes collected in United States on articles produced in Porto Rico	1, 000. 00	1, 000. 00	
4. Additional income tax on railroads in Alaska	15, 000. 00	15, 000. 00	15, 784. 13
5. Allowance or drawback (prohibition)	275, 000. 00	250, 000. 00	532, 228. 11
6. Other refunds	855, 500. 00	905, 500. 00	4, 831, 975. 17
			113, 007, 557. 65
Add cash expenditures in excess of checks issued			4, 404, 614. 96
Total refund of receipts, internal revenue	136, 546, 500. 00	151, 571, 500. 00	117, 412, 172. 61
Total ordinary expenditures, Treasury Department	1, 006, 084, 835. 00	1, 049, 198, 735. 00	1, 076, 312, 608. 94
II. REDUCTION IN PRINCIPAL OF THE PUBLIC DEBT REQUIRED TO BE PAID FROM ORDINARY RECEIPTS:			
(*a*) Sinking fund—			
1. Third Liberty loan			273, 310, 500. 00
2. Treasury notes			60, 217, 900. 00
Total, sinking fund (*a*)	369, 209, 094. 00	353, 221, 424. 00	333, 528, 400. 00
(*b*) Purchases from foreign repayments—			
1. Certificates of indebtedness			19, 254, 500. 00
Total, purchases from foreign repayments (*b*)	10, 219, 300. 00	22, 188, 650. 00	19, 254, 500. 00
(*c*) Foreign payments under debt settlement, principal and interest—			
1. Certificates of indebtedness			120, 420, 000. 00
2. Treasury notes			39, 541, 800. 00
Total	160, 995, 000. 00	159, 775, 000. 00	159, 961, 800. 00
(*d*) Redemption of securities from Federal reserve banks and Federal intermediate credit banks, franchise-tax receipts—Old debt items	1, 000, 000. 00	800, 000. 00	1, 231, 834. 78

[1] Deduct—excess of credits.

No. 2—*Estimated expenditures, fiscal year 1929, compared with prior years*—Continued

DETAIL BY CHARACTER OF EXPENDITURES UNDER ORGANIZATION UNITS—Continued

Classification	Estimated, 1929	Estimated, 1928	Actual, 1927
II. REDUCTION IN PRINCIPAL OF THE PUBLIC DEBT REQUIRED TO BE PAID FROM ORDINARY RECEIPTS—Continued.			
(e) Retirements from gifts, forfeitures, and other miscellaneous receipts—			
1. First Liberty loan			$54, 100. 00
2. Second Liberty loan			108, 600. 00
3. Third Liberty loan			5, 347, 100. 00
4. Fourth Liberty loan			65, 500. 00
5. Victory Liberty loan notes			12, 000. 00
6. War savings and thrift stamps			10. 00
			5, 587, 310. 00
Adjustment between cash and check distribution			9, 000. 00
Total retirements from gifts, forfeitures, etc	$200, 000. 00	$200, 000. 00	5, 578, 310. 00
Total net reduction in principal of the public debt required to be paid from ordinary receipts	541, 623, 394. 00	536, 185, 074. 00	519, 554, 844. 78
Total, Treasury Department	1, 547, 708, 229. 00	1, 585, 383, 809. 00	1, 595, 867, 453. 72
I. ORDINARY EXPENDITURES:			
12. WAR DEPARTMENT—			
(a) General expenditures—			
1. Office of Secretary of War—			
1. Salaries, office of the Secretary	225, 500. 00	225, 476. 00	220, 416. 74
2. Contingent expenses of the department, including stationery and postage	148, 240. 00	149, 090. 00	157, 645. 66
3. Printing and binding	500, 000. 00	500, 000. 00	514, 228. 19
4. Administrative expenses, World War adjusted compensation act		30, 000. 00	199, 596. 71
5. Contingencies of the Army	11, 500. 00	9, 000. 00	6, 054. 39
Total, office of Secretary of War	885, 240. 00	913, 566. 00	1, 097, 941. 69
2. General Staff Corps—			
1. Salaries, office of Chief of Staff	217, 000. 00	217, 000. 00	211, 798. 18
2. Contingencies, Military Intelligence Division	70, 000. 00	60, 000. 00	60, 416. 04
Total, General Staff Corps	287, 000. 00	277, 000. 00	272, 214. 22
3. Adjutant General's Department—			
1. Salaries, office of The Adjutant General	1, 340, 000. 00	1, 355, 000. 00	1, 357, 020. 39
2. Contingencies, headquarters of military departments, etc	4, 500. 00	4, 500. 00	8, 996. 56
3. Army War College	73, 600. 00	68, 390. 00	66, 915. 24
4. Command and General Staff School	40, 590. 00	40, 599. 00	37, 505. 33
5. Military post exchanges	82, 700. 00	82, 400. 00	82, 039. 75
6. Roster of Union and Confederate Armies			67, 863. 21
Total, office of The Adjutant General	1, 541, 390. 00	1, 550, 889. 00	1, 616, 340. 48
4. Salaries, office of Inspector General	25, 600. 00	25, 180. 00	24, 942. 53
5. Salaries, office of Judge Advocate General	105, 000. 00	100, 000. 00	80, 136. 15
6. Finance Department—			
1. Salaries, office of Chief of Finance	351, 600. 00	351, 500. 00	344, 332. 15
2. Pay of the Army	130, 400, 000. 00	126, 442, 665. 00	121, 993, 115. 44
3. Mileage of the Army	740, 000. 00	767, 000. 00	682, 299. 25
4. Expenses of courts-martial	90, 000. 00	100, 000. 00	52, 221. 95
5. Apprehension of deserters	150, 000. 00	125, 000. 00	147, 930. 05
6. Finance Service	1, 050, 000. 00	1, 050, 000. 00	1, 072, 753. 06
7. Claims and miscellaneous items	37, 900. 00	72, 900. 00	86, 485. 35
8. Army account of advances			2, 009, 070. 56
9. Pay of the Army, deposit fund	1, 500, 000. 00	1, 500, 000. 00	1, 566, 018. 51
10. Other trust funds			[1] 105, 249. 95
Total, Finance Department	134, 319, 500. 00	130, 409, 065. 00	127, 848, 976. 37

[1] Deduct—excess of credits.

No. 2—*Estimated expenditures, fiscal year 1929, compared with prior years*—Continued

DETAIL BY CHARACTER OF EXPENDITURES UNDER ORGANIZATION UNITS—Continued

Classification	Estimated, 1929	Estimated, 1928	Actual, 1927
I. ORDINARY EXPENDITURES—Continued.			
12. WAR DEPARTMENT—Continued.			
(*a*) General expenditures—Continued.			
7. Quartermaster Corps—			
1. Salaries, office of Quartermaster General	$744,000.00	$683,878.00	$558,281.65
2. Subsistence of the Army	24,200,000.00	24,903,855.00	17,625,451.91
3. Regular supplies	12,600,000.00	12,936,034.00	11,890,349.93
4. Clothing and equipage	6,400,000.00	6,571,995.00	5,396,146.62
5. Incidental expenses	3,617,000.00	3,626,724.00	3,560,802.43
6. Army transportation	18,415,000.00	15,683,253.00	14,566,002.77
7. Horses for Cavalry, Artillery, Engineers, etc	546,000.00	504,750.00	1,013,125.92
8. Military posts			29,802.86
9. Barracks and quarters	5,900,000.00	4,528,837.00	3,983,034.07
10. Barracks and quarters, Philippine Islands	350,000.00	350,000.00	213,976.67
11. Construction of buildings, etc., at military posts			1,004,175.77
12. Water and sewers at military posts	3,130,000.00	2,881,661.00	2,326,924.50
13. Roads, walks, wharves, and drainage	1,230,000.00	1,007,000.00	757,235.98
14. Shooting galleries and ranges	42,000.00	40,000.00	32,196.09
15. Rent of buildings	15,300.00	14,400.00	25,725.66
16. Sewerage system, Fort Monroe, Va	16,860.00	16,866.00	14,999.37
17. Construction and repair of hospitals	610,000.00	571,434.00	727,509.09
18. Miscellaneous items			[1] 6,961.29
Total, Quartermaster Corps	77,816,160.00	74,320,687.00	63,718,780.00
8. Signal Corps—			
1. Salaries, Signal Office	94,000.00	56,836.00	56,346.96
2. Signal Service of the Army	2,600,000.00	2,228,552.00	1,616,175.12
Total, Signal Corps	2,694,000.00	2,285,388.00	1,672,522.08
9. Air Corps—			
1. Salaries, office of Chief of Air Corps	218,200.00	206,294.00	192,260.45
2. Air Corps, Army	22,000,000.00	21,391,300.00	16,759,286.01
Total, Air Corps	22,218,200.00	21,597,594.00	16,951,546.46
10. Medical Department—			
1. Salaries, office of Surgeon General	261,000.00	261,347.00	258,963.30
2. Medical and hospital department	1,250,000.00	1,087,370.00	949,799.11
3. Hospital care, Canal Zone garrison	40,000.00	40,000.00	36,666.66
4. Army Medical Museum and Library	28,000.00	27,000.00	27,421.44
Total, Medical Department	1,579,000.00	1,415,717.00	1,272,850.51
11. Bureau of Insular Affairs—			
1. Salaries, Bureau of Insular Affairs	78,400.00	78,463.00	77,420.00
2. Care of insane Filipino and Porto Rican soldiers	450.00	450.00	449.30
Total, Bureau of Insular Affairs	78,850.00	78,913.00	77,869.30
12. Corps of Engineers—			
1. Salaries, office of Chief of Engineers	116,800.00	116,820.00	116,028.16
2. Engineer depots	90,000.00	87,000.00	85,834.62
3. Engineer school	29,900.60	29,910.00	28,068.60
4. Engineer equipment of troops	325,000.00	85,408.00	73,921.48
5. Engineer operations in the field	81,000.00	81,223.00	79,145.40
6. Military surveys and maps	80,000.00	80,000.00	81,668.93
Total, Corps of Engineers	722,700.00	480,361.00	464,667.19
13. Ordnance Department—			
1. Salaries, office of Chief of Ordnance	395,600.00	155,685.00	152,943.30
2. Ordnance Service	1,193,000.00	1,195,500.00	1,093,532.61
3. Ordnance stores, ammunition	4,000,000.00	2,864,521.00	1,616,507.97
4. Manufacture of arms	312,800.00	312,848.00	425,560.30
5. Ordnance stores and supplies	675,000.00	577,000.00	229,593.59
6. Automatic rifles	344,000.00	221,500.00	216,512.70
7. Tanks	245,000.00	237,500.00	224,942.63
8. Field Artillery armament	3,033,000.00	1,828,600.00	1,627,184.99
9. Proving grounds	169,000.00	169,000.00	176,118.93
10. Repairs of arsenals	1,088,000.00	1,038,750.00	748,922.60
11. Miscellaneous items	245,000.00	206,000.00	[1] 244,412.94
Total, Ordnance Department	11,700,400.00	8,806,904.00	6,267,406.68

[1] Deduct—excess of credits.

No. 2—*Estimated expenditures, fiscal year 1929, compared with prior years*—Continued

DETAIL BY CHARACTER OF EXPENDITURES UNDER ORGANIZATION UNITS—Continued

Classification	Estimated, 1929	Estimated, 1928	Actual, 1927
I. ORDINARY EXPENDITURES—Continued.			
12. WAR DEPARTMENT—Continued.			
(a) General expenditures—Continued.			
14. Chemical Warfare Service—			
1. Salaries, office of Chief of Chemical Warfare Service	$40, 400. 00	$21, 272. 00	$21, 073. 27
2. Chemical Warfare Service	1, 249, 000. 00	1, 304, 780. 00	1, 152, 321. 86
Total, Chemical Warfare Service	1, 289, 400. 00	1, 326, 052. 00	1, 173, 395. 13
15. Chief of Infantry—			
1. Infantry School, Fort Benning, Ga	37, 200. 00	33, 858. 00	30, 401. 06
2. Tank service	26, 400. 00	25, 018. 00	23, 689. 06
Total, Chief of Infantry	63, 600. 00	58, 876. 00	54, 090. 12
16. Chief of Cavalry: Cavalry School, Fort Riley, Kans	18, 600. 00	17, 172. 00	16, 749. 19
17. Chief of Field Artillery: Field Artillery school and instruction	26, 100. 00	22, 820. 00	18, 400. 32
18. Chief of Coast Artillery—			
1. Salaries, office of Chief of Coast Artillery	23, 500. 00	23, 150. 00	22, 657. 79
2. Coast Artillery School, Fort Monroe, Va	28, 700. 00	24, 966. 00	23, 450. 42
Total, Chief of Coast Artillery	52, 200. 00	48, 116. 00	46, 108. 21
19. Military Academy—			
1. Pay	1, 195, 000. 00	1, 180, 303. 00	1, 156, 226. 00
2. Maintenance	1, 110, 000. 00	1, 066, 284. 00	956, 147. 38
3. Buildings	----------	861, 000. 00	600, 386. 36
Total, Military Academy	2, 305, 000. 00	3, 107, 587. 00	2, 712, 759. 74
20. Militia Bureau—			
1. Salaries, Militia Bureau	138, 000. 00	132, 000. 00	131, 467. 32
2. Arming, equipping, and training the National Guard	15, 751, 000. 00	16, 185, 457. 00	15, 454, 532. 03
3. Armory drill pay	10, 700, 000. 00	9, 928, 375. 00	10, 585, 611. 19
4. Arms, uniforms, and equipment, National Guard	5, 263, 000. 00	4, 512, 280. 00	3, 350, 824. 04
Total, Militia Bureau	31, 852, 000. 00	30, 758, 112. 00	29, 522, 434. 58
21. Organized Reserves	4, 625, 000. 00	4, 158, 000. 00	3, 453, 485. 16
22. Citizens' military training—			
1. Reserve Officers' Training Corps	2, 970, 000. 00	3, 703, 694. 00	3, 456, 265. 73
2. Supplies for schools and colleges	8, 900. 00	8, 900. 00	1, 372. 62
3. Citizens' military training camps	2, 561, 000. 00	2, 801, 240. 00	2, 508, 734. 27
Total, citizens' military training	5, 539, 900. 00	6, 513, 834. 00	5, 966, 372. 62
23. National Board for Promotion of Rifle Practice	244, 000. 00	359, 840. 00	57, 317. 89
24. Public works—			
1. Military posts, buildings, acquisition of land, etc	11, 000, 000. 00	6, 208, 000. 00	----------
2. Fortifications—			
1. Signal Corps	150, 000. 00	151, 000. 00	----------
2. Engineer Department	874, 400. 00	479, 940. 00	489, 702. 88
3. Ordnance Department	1, 363, 000. 00	1, 129, 427. 00	----------
4. Coast Artillery Corps	628, 900. 00	293, 280. 00	131, 490. 10
5. Panama Canal	1, 171, 700. 00	1, 257, 391. 00	586, 043. 94
Total, fortifications	4, 188, 000. 00	3, 311, 038. 00	1, 207, 236. 92
Total, public works	15, 188, 000. 00	9, 519, 038. 00	1, 207, 236. 92
Total, military activities and departmental	315, 176, 840. 00	298, 150, 711. 00	265, 594, 543. 54
Nonmilitary activities—			
1. Finance Department: Annuities	6, 275. 00	5, 400. 00	5, 518. 33
2. Quartermaster Corps—			
1. National cemeteries	829, 700. 00	1, 179, 785. 00	818, 171. 79
2. National military parks	272, 200. 00	251, 242. 00	209, 189. 45
Total, Quartermaster Corps	1, 101, 900. 00	1, 431, 027. 00	1, 027, 361. 24
3. Signal Corps: Washington-Alaska military cable and telegraph system	159, 000. 00	168, 080. 00	177, 422. 02

No. 2—*Estimated expenditures, fiscal year 1929, compared with prior years*—Continued

DETAIL BY CHARACTER OF EXPENDITURES UNDER ORGANIZATION UNITS—Continued

Classification	Estimated, 1929	Estimated, 1928	Actual, 1927
I. ORDINARY EXPENDITURES—Continued.			
12. WAR DEPARTMENT—Continued.			
Nonmilitary activities—Continued.			
4. Medical Department—			
1. Artificial limbs	$44, 200. 00	$64, 885. 00	$62, 732. 29
2. Trusses and appliances for disabled soldiers	900. 00	1, 100. 00	670. 06
3. Medical and surgical history of the World War	9, 400. 00	14, 500. 00	16, 539. 47
Total, Medical Department	54, 500. 00	80, 485. 00	79, 941. 82
5. Corps of Engineers—			
1. Miscellaneous objects—			
1. Improvements, birthplace of Washington, Wakefield, Va	3, 500. 00	4, 200. 00	12, 382. 67
2. Expenses, California Débris Commission	15, 000. 00	15, 000. 00	16, 123. 16
3. Construction and maintenance of roads, bridges, and trails, Alaska	500, 000. 00	1, 000, 000. 00	891, 949. 44
4. Government wharf, Juneau, Alaska		22, 500. 00	
5. Miscellaneous items			11, 000. 41
Total, miscellaneous objects under Corps of Engineers	518, 500. 00	1, 041, 700. 00	931, 455. 58
6. Soldiers' homes—			
1. National Home for Disabled Volunteer Soldiers	7, 785, 300. 00	8, 174, 474. 00	9, 075, 198. 76
2. State and Territorial homes for disabled soldiers and sailors	570, 000. 00	570, 000. 00	585, 909. 02
3. Soldiers' Home permanent fund	695, 400. 00	757, 700. 00	767, 875. 56
4. Soldiers' Home interest account	98, 000. 00	118, 600. 00	110, 426. 07
Total, soldiers' homes	9, 148, 700. 00	9, 620, 774. 00	10, 539, 409. 41
7. Inland Waterways Corporation		1, 000, 000. 00	2, 499, 904. 19
8. War claims judgments and relief acts		1, 310, 352. 00	7, 387, 729. 95
9. Special deposit accounts			1, 723, 856. 61
10. Miscellaneous items			21, 066. 63
11. Public works—			
1. Rivers and harbors—			
1. Annual appropriations	47, 040, 000. 00	47, 489, 988. 00	41, 038, 146. 68
2. Muscle Shoals	275, 000. 00	300, 000. 00	2, 752, 037. 80
3. Flood control	10, 400, 000. 00	16, 709, 960. 00	11, 591, 062. 59
4. Cape Cod Canal		5, 500, 000. 00	
5. Permanent specific and indefinite appropriations	5, 997, 600. 00	5, 697, 600. 00	7, 217, 785. 97
6. Funds contributed for river and harbor improvements	1, 503, 600. 00	3, 695, 961. 00	2, 785, 491. 19
Total, rivers and harbors	65, 216, 200. 00	79, 393, 509. 00	65, 384, 524. 23
2. Roads in Alaska—			
1. Wagon roads, bridges, and trails, Alaska fund	125, 000. 00	175, 000. 00	190, 346. 62
2. Funds contributed for improvement of roads, bridges, and ferries in Alaska	100, 000. 00	100, 000. 00	99, 642. 07
Total, roads in Alaska	225, 000. 00	275, 000. 00	289, 988. 69
3. National Homes for Disabled Volunteer Soldiers, buildings	900, 000. 00		
Total, public works, nonmilitary	66, 341, 200. 00	79, 668, 509. 00	65, 674, 512. 92
Total, nonmilitary activities	77, 330, 075. 00	94, 326, 327. 00	90, 068, 178. 80
			355, 662, 722. 34
Add cash expenditures in excess of check distribution			5, 146, 054. 37
Total, War Department, exclusive of Panama Canal, general expenditures	392, 506, 915. 00	392, 477, 038. 00	360, 808, 776. 71

No. 2—*Estimated expenditures, fiscal year 1929, compared with prior years*—Continued

DETAIL BY CHARACTER OF EXPENDITURES UNDER ORGANIZATION UNITS—Continued

Classification	Estimated, 1929	Estimated, 1928	Actual, 1927
I. ORDINARY EXPENDITURES—Continued.			
12. WAR DEPARTMENT—Continued.			
Nonmilitary activities—Continued.			
(*f*) Panama Canal—			
1. Maintenance and operation	$7,437,000.00	$7,744,302.00	$6,989,185.51
2. Sanitation, Canal Zone	670,000.00	670,354.00	653,062.62
3. Civil government, Panama Canal Zone	1,143,000.00	1,100,878.00	1,011,535.81
4. Special deposit accounts			[1] 141,761.77
			8,512,022.17
Deduct checks issued in excess of cash expenditures			206,677.13
Total, Panama Canal (see Statement No. 8)	9,250,000.00	9,515,534.00	8,305,345.04
Total, War Department, including Panama Canal	401,756,915.00	401,992,572.00	369,114,121.75
13. DISTRICT OF COLUMBIA—			
(*a*) General expenditures—			
1. General fund—			
1. General government	1,880,000.00	1,898,801.00	1,464,503.88
2. Protection of life and property	5,700,000.00	6,300,523.00	5,868,176.30
3. Health and sanitation	3,600,000.00	3,731,060.00	3,420,471.63
4. Highways	5,300,000.00	4,100,762.00	4,104,947.48
5. Public welfare	4,600,000.00	4,157,070.00	3,633,988.95
6. Education	12,000,000.00	12,318,335.00	11,287,564.24
7. Recreation	1,595,000.00	2,652,871.00	1,882,355.92
8. Miscellaneous		280,602.00	
Total, general fund	34,675,000.00	35,440,024.00	31,662,008.40
2. Public service enterprises	1,475,000.00	1,973,000.00	3,270,835.55
3. Trust and special funds	2,700,000.00	2,145,000.00	2,633,676.62
Total, District of Columbia, general expenditures	38,850,000.00	39,558,024.00	37,566,520.57
(*n*) Investment of teachers' retirement fund	550,000.00	465,000.00	289,980.43
Total, District of Columbia	39,400,000.00	40,023,024.00	37,856,501.00
Unclassified items			448,920.63
Total ordinary expenditures	3,015,333,637.00	3,085,129,211.00	2,974,029,674.62
Total expenditures payable from ordinary receipts	3,556,957,031.00	3,621,314,285.00	3,493,584,519.40
SUMMARY, INCLUDING POSTAL SERVICE			
Legislative establishment	17,290,461.00	17,128,804.00	19,678,325.13
Executive Office and independent establishments	627,857,686.00	648,294,147.00	583,423,629.43
Department of Agriculture	146,593,049.00	155,442,319.00	156,287,304.95
Department of Commerce	37,767,000.00	37,000,758.00	30,939,749.02
Department of the Interior	300,474,343.00	297,553,599.00	302,281,550.54
Department of Justice	26,653,460.00	28,285,484.00	24,819,057.70
Department of Labor	10,725,840.00	10,120,573.00	9,921,644.26
Navy Department	371,227,000.00	357,074,767.00	318,909,096.28
Post Office Department (payable from the Treasury)	15,270,042.00	30,370,400.00	27,452,228.89
State Department	14,233,006.00	12,644,029.00	16,584,936.10
Treasury Department	1,547,708,229.00	1,585,383,809.00	1,595,867,453.72
War Department	401,756,915.00	401,992,572.00	369,114,121.75
District of Columbia	39,400,000.00	40,023,024.00	37,856,501.00
Unclassified items			448,920.63
Total expenditures payable from ordinary receipts	3,556,957,031.00	3,621,314,285.00	3,493,584,519.40
Expenditures from postal revenues, exclusive of deficiency in postal revenues, which is included in expenditures from ordinary receipts	753,000,000.00	710,500,000.00	683,121,988.66
Total expenditures	4,309,957,031.00	4,331,814,285.00	4,176,706,508.06

[1] Deduct—excess of deposits.

BUDGET STATEMENT NO. 3

Estimated receipts, exclusive of postal revenues, fiscal year 1929, compared with prior years

ORDINARY RECEIPTS DETAILED BY SOURCES UNDER ORGANIZATION UNITS

Classification	Estimated, 1929	Estimated, 1928	Actual, 1927
1. LEGISLATIVE:			
1. Senate—			
(*i*) Proceeds sale of surplus property	$1, 000. 00	$1, 000, 00	$817. 61
2. House of Representatives—			
(*i*) Proceeds sale of surplus property	1, 000. 00	1, 000. 00	471. 20
(*l*) Other miscellaneous receipts—gifts and contributions			1, 875. 00
Total, House of Representatives	1, 000. 00	1, 000. 00	2, 346. 20
3. Office of Architect of the Capitol—			
(*i*) Proceeds sale of surplus property	1, 650. 00	2, 150. 00	
(*l*) Other miscellaneous receipts—telephones	155. 00	175. 00	
Total, Office of Architect of the Capitol	1, 805. 00	2, 325. 00	
4. Government Printing Office—			
(*i*) Proceeds sale of surplus property	70, 000. 00	70, 000. 00	67, 607. 89
(*l*) Other miscellaneous receipts—sale of public documents	160, 000. 00	160, 000. 00	131, 857. 74
Total, Government Printing Office	230, 000. 00	230, 000. 00	199, 465. 63
5. Library of Congress—			
(*i*) Proceeds sale of surplus property			658. 06
(*l*) Other miscellaneous receipts—			
1. Copyright fees	195, 000. 00	190, 000. 00	183, 712. 11
2. Sale of photoduplications	3, 000. 00	2, 900. 00	
3. Work done by Library of Congress			3, 204. 97
4. Sale of card indexes	210, 000. 00	195, 000. 00	190, 751. 30
5. Gifts and contributions	160, 000. 00	125, 000. 00	52, 181. 78
6. Miscellaneous items	500. 00	450. 00	
Total, other miscellaneous receipts (*l*)	568, 500. 00	513, 350. 00	429, 850. 16
Total, Library of Congress	568, 500. 00	513, 350. 00	430, 508. 22
6. Miscellaneous—			
(*k*) Receipts from miscellaneous sources credited direct to appropriations			47, 038. 91
(*l*) Other miscellaneous receipts—gifts and contributions			637. 50
Total miscellaneous			47, 676. 41
Total, legislative receipts	802, 305. 00	747, 675. 00	680, 814. 07
2. EXECUTIVE OFFICE AND INDEPENDENT ESTABLISHMENTS:			
1. Executive Office—			
(*i*) Proceeds sale of surplus property	30. 00	30. 00	20. 26
(*k*) Receipts from miscellaneous sources credited direct to appropriations			290. 25
Total, Executive Office	30. 00	30. 00	310. 51
2. Board of Tax Appeals—			
(*l*) Other miscellaneous receipts—fees	120, 000. 00	120, 000. 00	127, 259. 30
3. Civil Service Commission—			
(*i*) Proceeds sale of surplus property			. 15
4. Federal Board for Vocational Education—			
(*i*) Proceeds sale of surplus property	15. 00	15. 00	29. 35
(*l*) Other miscellaneous receipts—interest on public deposits	44, 000. 00	48, 000. 00	63, 170. 09
Total, Federal Board for Vocational Education	44, 015. 00	48, 015. 00	63, 199. 44
5. Federal Power Commission—			
(*l*) Other miscellaneous receipts—			
1. Fees, fines, penalties, etc.—licenses and copying fees (*l*)	341, 775. 00	307, 575. 00	286, 716. 15
6. Federal Reserve Board—			
(*l*) Other miscellaneous receipts—assessments on Federal Reserve Banks for salaries and expenses, Federal Reserve Board	2, 700, 000. 00	2, 700, 000. 00	2, 349, 538. 84
7. Federal Trade Commission—			
(*l*) Other miscellaneous receipts—reimbursement for Government property lost or damaged			2. 50

No. 3.—*Estimated receipts, exclusive of postal revenues, fiscal year 1929, compared with prior years*—Continued

ORDINARY RECEIPTS DETAILED BY SOURCES UNDER ORGANIZATION UNITS—Continued

Classification	Estimated, 1929	Estimated, 1928	Actual, 1927
2. EXECUTIVE OFFICE AND INDEPENDENT ESTABLISHMENTS—Continued.			
8. General Accounting Office—			
(*i*) Proceeds sale of surplus property	$2,000.00	$2,000.00	$16,064.67
(*l*) Other miscellaneous receipts—			
1. Rent of buildings			198.33
2. Assessments and reimbursements—damages to Government property			129.51
Total, other miscellaneous receipts (*l*)			327.84
Total, General Accounting Office	2,000.00	2,000.00	16,392.51
9. Housing Corporation—			
(*g*) Proceeds Government-owned securities—all others—			
1. Interest, premium, discount, etc.—interest on loans	178,000.00	263,000.00	416,800.07
2. Repayment of loans (principal)	10,000.00		843,945.51
Total proceeds Government-owned securities—all others (*g*)	188,000.00	263,000.00	1,260,745.58
(*i*) Proceeds sale of surplus property—disposal of properties	1,310,000.00	1,360,000.00	1,669,594.90
(*l*) Other miscellaneous receipts—revenue-producing enterprises—operation of properties	430,000.00	438,000.00	479,016.53
Total, Housing Corporation	1,928,000.00	2,061,000.00	3,409,357.01
10. Interstate Commerce Commission—			
(*l*) Other miscellaneous receipts—			
1. Fees, fines, penalties, etc.—certifying railroad tariffs, etc	6,000.00	12,000.00	9,769.05
2. Reimbursements—sale of printed forms	8,200.00	8,200.00	2.90
3. Miscellaneous	25.00	200.00	
Total, other miscellaneous receipts (*l*)	14,225.00	20,400.00	9,771.95
Total under Interstate Commerce Commission	14,225.00	20,400.00	9,771.95
11. National Advisory Committee for Aeronautics—			
(*l*) Other miscellaneous receipts—interest, premium, and discount, interest on public deposits	1.00	1,421.00	3.25
12. Public Buildings and Public Parks of the National Capital—			
(*i*) Proceeds sale of surplus property	15,700.00	15,700.00	18,899.77
(*l*) Other miscellaneous receipts—			
1. Reimbursement for Government property lost or damaged			47.81
2. Rent of public buildings and grounds	6,690.00	6,690.00	
Total, Public Buildings and Public Parks of the National Capital	22,390.00	22,390.00	18,947.58
13. Railroads—			
(*f*) Proceeds Government-owned securities—railroad securities—			
1. Repayment of principal on obligations of carriers		60,000,000.00	1,079,625.83
2. Sale of carriers' obligations		17,000,000.00	44,230,000.00
3. Interest on obligations of carriers	112,320.00	2,648,081.00	9,644,083.62
4. Principal—loans to carriers, sec. 210 transportation act	21,246,729.00	83,442,886.00	24,365,174.59
5. Interest—loans to carriers, sec. 210, transportation act	2,683,404.00	6,338,175.00	10,367,330.94
6. Equipment trust notes, principal, act Mar. 31, 1918	33,600.00	33,600.00	33,600.00
7. Equipment trust notes, interest, act Mar. 31, 1918	14,112.00	16,128.00	18,144.00
Total proceeds Government-owned securities—railroad securities (*f*)	24,090,165.00	169,478,870.00	89,737,958.98
(*h*) Trust-fund receipts, appropriated for investment, general railroad contingent fund	500,000.00	500,000.00	870,677.84
(*i*) Proceeds sale of surplus property			1,598.93
(*l*) Other miscellaneous receipts—interest on overpayment under sec. 209 of the transportation act of 1920, as amended			5,244.48
Total, railroad	24,590,165.00	169,978,870.00	90,615,480.23

No. 3.—*Estimated receipts, exclusive of postal revenues, fiscal year 1929, compared with prior years*—Continued

ORDINARY RECEIPTS DETAILED BY SOURCES UNDER ORGANIZATION UNITS—Continued

Classification	Estimated, 1929	Estimated, 1928	Actual, 1927
2. EXECUTIVE OFFICE AND INDEPENDENT ESTABLISHMENTS—Continued.			
14. Shipping Board and Merchant Fleet Corporation—			
(*g*) Proceeds Government-owned securities—all others—			
1. Payment on principal—construction loan-fund securities			$94, 770. 72
2. Interest on construction loan-fund securities			371, 889. 66
Total proceeds Government-owned securities all others (*g*)			466, 660. 38
(*i*) Proceeds, sale of surplus property—ship sales and other property sales			482. 50
(*k*) Receipts from miscellaneous sources credited direct to appropriations—receipts from operation to be deposited for disbursement			1, 618, 488. 27
(*l*) Other miscellaneous receipts—miscellaneous items	$3, 000, 000. 00	$4, 500, 000. 00	32. 10
Total, Shipping Board and Merchant Fleet Corporation (see Statement No. 9)	3, 000, 000. 00	4, 500, 000. 00	2, 085, 663. 25
15. Smithsonian Institution—			
(*i*) Proceeds, sale of surplus property	100. 00	100. 00	67. 18
(*l*) Other miscellaneous receipts—assessments and reimbursements	100. 00	100. 00	3. 75
Total, Smithsonian Institution	200. 00	200. 00	70. 93
16. Tariff Commission—			
(*i*) Proceeds, sale of surplus property			29. 50
17. United States Veterans' Bureau—			
(*h*) Trust-fund receipts (reappropriated for investment)—premiums on converted insurance	46, 837, 640. 00	47, 055, 000. 00	47, 315, 972. 70
(*i*) Proceeds, sale of surplus property	200, 000. 00	250, 000. 00	408, 130. 51
(*k*) Receipts from miscellaneous sources credited direct to appropriations—			
1. Premiums on term insurance		900, 000. 00	7, 200, 206. 00
2. Miscellaneous			52. 25
Total receipts from miscellaneous sources credited direct to appropriations (*k*)		900, 000. 00	7, 200, 258. 25
(*l*) Other miscellaneous receipts—			
1. Interest on investment of Government life-insurance funds	13, 659, 553. 00	11, 498, 350. 00	8, 788, 000. 86
2. Premiums on converted insurance	4, 950, 807. 00	5, 845, 000. 00	5, 197, 027. 30
3. Rent of Government property	38, 000. 00	38, 000. 00	38, 774. 09
4. Fees, fines, and penalties			99. 25
5. Reimbursements—			
1. Payment for quarters, subsistence, and laundry service			468, 307. 75
2. Reimbursement for Government property lost or damaged			61. 88
Total reimbursements			468, 369. 63
6. Trust funds—Government life-insurance fund	9, 052, 000. 00	8, 066, 650. 00	4, 545, 077. 54
7. Miscellaneous items	5, 000. 00	5, 000. 00	20. 00
Total, other miscellaneous receipts (*l*)	27, 705, 360. 00	25, 453, 000. 00	19, 037, 368. 67
Total, United States Veterans' Bureau	74, 743, 000. 00	73, 658, 000. 00	73, 961, 730. 13
18. Miscellaneous—			
(*k*) Receipts from miscellaneous sources credited direct to appropriations			305, 823. 23
(*l*) Other miscellaneous receipts—reimbursement of relief money furnished American citizens in Europe—adjustment			[1] 325. 47
Total miscellaneous			305, 497. 76
Total, Executive Office and Independent Establishments	107, 505, 801. 00	253, 419, 901. 00	173, 250, 000. 99

[1] Counterentry, deduct.

No. 3—*Estimated receipts, exclusive of postal revenues, fiscal year 1929, compared with prior years*—Continued

ORDINARY RECEIPTS DETAILED BY SOURCES UNDER ORGANIZATION UNITS—Continued

Classification	Estimated, 1929	Estimated, 1928	Actual, 1927
3. DEPARTMENT OF AGRICULTURE:			
(*g*) Proceeds Government-owned securities—all others—Interest on farmers' seed grain loans and gain by exchange	$3,000.00	$5,000.00	$9,522.46
(*i*) Proceeds sale of surplus property—			
1. Surplus war material	25,000.00	21,800.00	23,917.29
2. Sales of agricultural products and livestock	58,000.00	57,000.00	65,408.03
3. Sales of furs and skins	30,000.00	30,000.00	29,272.44
4. Miscellaneous Government property	60,000.00	60,000.00	112,519.40
Total, proceeds sale of surplus property (*i*)	173,000.00	168,800.00	231,117.16
(*k*) Receipts from miscellaneous sources credited direct to appropriations			45,312.93
(*l*) Other miscellaneous receipts—			
1. Public-domain receipts—forest reserve fund	6,220,000.00	5,650,000.00	5,227,667.31
2. Revenue-producing enterprises—			
1. United States telegraph lines	9,000.00	9,000.00	6,972.65
2. Center Market, Washington, D. C	256,000.00	256,000.00	259,595.68
3. Gifts and contributions, Forest Service	1,500,000.00	1,500,000.00	1,502,536.05
4. Fees under United States warehouse act and game licenses, Alaska, etc	31,000.00	26,000.00	80,517.71
5. Reimbursements—			
1. Work performed by Department of Agriculture for individuals, corporations, and others	48,000.00	23,000.00	22,963.04
2. Inspection of food products	218,500.00	218,500.00	227,360.40
3. Cost of appeals under grain standards act	68,000.00	68,000.00	69,644.49
4. Reimbursement for Government property lost or damaged	2,000.00	2,000.00	2,736.82
5. Fumigation of cars and wagons on Mexican border	80,000.00	80,000.00	78,118.00
6. Collections under cotton standards act	58,500.00	58,500.00	92,614.74
Total reimbursements	475,000.00	450,000.00	493,437.49
6. Miscellaneous—			
1. Rent of public buildings, grounds, etc	1,700.00	1,700.00	3,672.94
2. Deductions due civil service retirement fund	4,500.00	4,500.00	
3. Other miscellaneous items	500.00	500.00	
Total miscellaneous	6,700.00	6,700.00	3,672.94
Total, other miscellaneous receipts (*l*)	8,497,700.00	7,897,700.00	7,574,399.83
Total receipts, Department of Agriculture	8,673,700.00	8,071,500.00	7,860,352.38
4. DEPARTMENT OF COMMERCE:			
(*i*) Proceeds sale of surplus property—miscellaneous	65,000.00	64,750.00	71,247.49
(*k*) Receipts from miscellaneous sources credited direct to appropriations			[1] 23,245.77
(*l*) Other miscellaneous receipts—			
1. Reimbursement for Government property lost or damaged, etc	1,000.00	1,000.00	3,630.83
2. Work done by Department of Commerce	12,500.00	12,500.00	8,511.46
3. Interest on public deposits and debts due United States by individuals			29.05
4. Fees, fines, penalties, etc.—			
1. Testing fees, Bureau of Standards and Bureau of Mines	72,000.00	72,000.00	74,065.03
2. Commerce collections	300,000.00	300,000.00	345,496.44
3. Fees on letters patent	3,700,000.00	3,700,000.00	3,462,627.12
4. Miscellaneous items	3,500.00	3,000.00	4,251.41
Total fees, fines, penalties, etc	4,075,500.00	4,075,000.00	3,886,440.00
5. Miscellaneous—			
1. Rent of public buildings, grounds, etc	8,000.00	8,000.00	4,136.59
2. Sale of sealskins	310,000.00	280,000.00	259,996.45
3. Sale of fox skins	35,000.00	50,000.00	21,008.03
4. Sale of publications	63,000.00	62,000.00	63,691.88
5. Other	2,650.00	2,550.00	6.87
Total miscellaneous	418,650.00	402,550.00	348,839.87
Total, other miscellaneous receipts (*l*)	4,507,650.00	4,491,050.00	4,247,451.21
Total receipts, Department of Commerce	4,572,650.00	4,555,800.00	4,295,452.93

[1] Deduct—excess of credits.

No. 3.—*Estimated receipts, exclusive of postal revenues, fiscal year 1929, compared with prior years*—Continued

ORDINARY RECEIPTS DETAILED BY SOURCES UNDER ORGANIZATION UNITS—Continued

Classification	Estimated, 1929	Estimated, 1928	Actual, 1927
5. INTERIOR DEPARTMENT:			
(*i*) Proceeds sale of surplus property	$19, 748. 00	$19, 748. 00	$25, 359. 49
(*k*) Receipts from miscellaneous sources credited direct to appropriations	6, 000, 000. 00	6, 000, 000. 00	3, 762, 287. 26
(*l*) Other miscellaneous receipts—			
1. Sales of Government property (serviceable)—			
1. Sales to Indians	115, 000. 00	115, 000. 00	92, 579. 02
2. Sales of publications and maps	50, 000. 00	50, 000. 00	67, 393. 17
3. Miscellaneous Government property			527. 32
Total sales of Government property (serviceable)	165, 000. 00	165, 000. 00	160, 499. 51
2. Public domain receipts—			
1. Sale of public lands	500, 000. 00	500, 000. 00	621, 186. 63
2. Depredations on public lands	20, 000. 00	20, 000. 00	1, 035. 43
3. Deposits by individuals for surveying public lands	35, 000. 00	35, 000. 00	37, 389. 88
4. Proceeds of town sites, lots, and camp sites	10, 000. 00	10, 000. 00	8, 344. 65
5. Sale of land, timber, etc. (Coos Bay and Oregon and California land-grant fund)	800, 000. 00	800, 000. 00	727, 065. 17
6. Revenues of national parks and monuments	910, 550. 00	820, 834. 00	701, 292. 56
7. Receipts under mineral oil leasing acts	6, 000, 000. 00	6, 000, 000. 00	7, 026, 134. 16
8. Royalties on coal mined and royalties and rentals on potash deposits	10, 000. 00	10, 000. 00	5, 779. 30
9. Rentals and sale of miscellaneous land and timber	10, 000. 00	10, 000. 00	20, 445. 08
10. Sale of excess stored water			12, 000. 00
Total public domain receipts	8, 295, 550. 00	8, 205, 834. 00	9, 160, 672. 86
3. Fees, fines, penalties, etc.: Miscellaneous fees, etc., Interior Department	759, 725. 00	760, 000. 00	801, 280. 93
4. Gifts and contributions	52, 000. 00	52, 000. 00	7, 036. 31
5. Repayments of investments (principal): Return of advances made to reclamation fund	1, 000, 000. 00	1, 000, 000. 00	1, 000, 000. 00
6. Assessments—			
1. Construction charges	25, 000. 00	25, 000. 00	47, 108. 86
2. Drainage assessments	1, 000. 00	1, 000. 00	
Total assessments	26, 000. 00	26, 000. 00	47, 108. 86
7. Reimbursements—			
1. Costs collected from estates of deceased Indians	55, 000. 00	55, 000. 00	56, 089. 27
2. Reimbursements account appropriations made for Indian tribes	45, 000. 00	45, 000. 00	3, 274. 96
3. Surveying railroad and private land claims	10, 000. 00	10, 000. 00	7, 476. 65
4. Reimbursement for Government property lost or damaged	100. 00	100. 00	467. 53
5. Irrigation charges			127, 705. 74
6. Miscellaneous	600. 00	600. 00	14, 751. 37
Total reimbursements	110, 700. 00	110, 700. 00	209, 765. 52
8. Miscellaneous—			
1. Rent of public buildings, etc	5, 000. 00	5, 000. 00	8, 684. 75
2. Alaska, licenses and sales receipts	13, 000. 00	13, 000. 00	
3. Unclaimed funds of patients, St. Elizabeths Hospital and Freedmen's Hospital	3, 438. 00	804. 00	587. 45
4. Other	24, 860. 00	24, 860. 00	1, 275. 49
Total miscellaneous	46, 298. 00	43, 664. 00	10, 547. 69
9. Trust funds—			
1. Indian moneys—			
1. Indian money, proceeds of labor	2, 500, 000. 00	2, 500, 000. 00	2, 682, 492. 72
2. Proceeds of sales and leases of Indian lands, timber, etc	21, 500, 000. 00	21, 500, 000. 00	21, 299, 230. 64
Total, Indian moneys	24, 000, 000. 00	24, 000, 000. 00	23, 981, 723. 36
2. Deductions due civil-service retirement fund and service-credit payments			[1] 16. 96
3. Personal funds of patients, St. Elizabeths Hospital	190, 000. 00	195, 000. 00	152, 771. 39
4. Pension moneys, St. Elizabeths Hospital	70, 000. 00	70, 000. 00	71, 457. 66
5. Surveys within railroad land grants	7, 500. 00	7, 500. 00	
6. Outstanding liabilities: Lands	1, 000. 00	1, 000. 00	15, 332. 43
7. Unearned moneys: Lands	500. 00	500. 00	180. 80
Total trust fund receipts	24, 269, 000. 00	24, 274, 000. 00	24, 221, 448. 68
Total, other miscellaneous receipts (*l*)	34, 724, 273. 00	34, 637, 198. 00	35, 618, 360. 36
Total, Interior Department	40, 744, 021. 00	40, 656, 946. 00	39, 406, 007. 11

[1] Counter entry, deduct.

No. 3.—*Estimated receipts, exclusive of postal revenues, fiscal year 1929, compared with prior years*—Continued

ORDINARY RECEIPTS DETAILED BY SOURCES UNDER ORGANIZATION UNITS—Continued

Classification	Estimated, 1929	Estimated, 1928	Actual, 1927
6. DEPARTMENT OF JUSTICE:			
(*i*) Proceeds sale of surplus property	$500.00	$500.00	$276.25
(*k*) Receipts from miscellaneous sources credited direct to appropriations			13,142.32
(*l*) Other miscellaneous receipts—			
1. Interest, premium, and discount—interest on public deposits and debts due United States by individuals	2,000.00	2,000.00	1,561.73
2. Reimbursements for Government property lost or damaged	500.00	500.00	275.96
3. Reimbursement for printing record	15,000.00	15,000.00	15,875.45
4. Reimbursement for maintenance of District of Columbia convicts	140,000.00	140,000.00	138,551.30
5. Miscellaneous items	1,000.00	1,000.00	639.88
6. Revenue-producing enterprises—			
1. Operating textile mill, Atlanta, Ga	100,000.00	100,000.00	
2. Operating shoe factory, Leavenworth, Kans	25,000.00	25,000.00	
3. Sale of farm products, sealskins, etc			1,266.55
Total revenue-producing enterprises	125,000.00	125,000.00	1,266.55
Total, other miscellaneous receipts (*l*)	283,500.00	283,500.00	158,170.87
Total, Department of Justice	284,000.00	284,000.00	171,589.44
7. JUDICIAL:			
(*i*) Proceeds sale of surplus property	3,000.00	3,000.00	1,752.84
(*l*) Other miscellaneous receipts—			
1. Fees, fines, penalties, etc.—			
1. Judicial fees and costs	230,000.00	245,000.00	190,835.75
2. Judicial emolument fees	1,600,000.00	1,700,000.00	1,496,971.83
3. Judicial fines, penalties, and forfeitures	1,300,000.00	1,500,000.00	1,357,402.53
4. Fees collected outside incorporated towns, Alaska—Alaska fund	250,000.00	250,000.00	238,094.62
5. Collections under national prohibition act	4,500,000.00	5,500,000.00	4,261,070.14
6. Miscellaneous	5,000.00	5,000.00	3,617.00
Total fees, fines, penalties, etc	7,885,000.00	9,200,000.00	7,547,991.87
2. Miscellaneous—			
1. Unclaimed moneys remaining in registry of courts 5 years or longer	75,000.00	75,000.00	76,028.60
2. Unclaimed wages of seamen remaining in registry of courts for 6 years or longer	100,000.00	100,000.00	200,681.11
3. Miscellaneous items			215.75
Total miscellaneous	175,000.00	175,000.00	276,925.46
Total other miscellaneous receipts (*l*)	8,060,000.00	9,375,000.00	7,824,917.33
Total, Judicial	8,063,000.00	9,378,000.00	7,826,670.17
Total under Department of Justice	8,347,000.00	9,662,000.00	7,998,259.61
8. DEPARTMENT OF LABOR:			
(*i*) Proceeds sale of surplus property			405.78
(*k*) Receipts from miscellaneous sources credited direct to appropriations			9,008.03
(*l*) Other miscellaneous receipts—			
1. Interest on public deposits	1,200.00	900.00	1,952.17
2. Fees, fines, penalties, etc.—			
1. Naturalization fees	875,000.00	875,000.00	944,955.50
2. Collections, Department of Labor			418,827.05
3. Forfeitures, bonds of aliens	200,000.00	200,000.00	206,031.13
4. Immigration head tax, privileges, fines, etc	3,876,200.00	3,876,200.00	3,291,512.45
5. Immigration permits	350,000.00	350,000.00	366,076.41
6. Return passage money			1,062.66
7. Other	5,000.00	5,000.00	
Total fees, fines, penalties, etc	5,306,200.00	5,306,200.00	5,228,465.20

No. 3.—*Estimated receipts, exclusive of postal revenues, fiscal year 1929, compared with prior years*—Continued

ORDINARY RECEIPTS DETAILED BY SOURCES UNDER ORGANIZATION UNITS—Continued

Classification	Estimated, 1929	Estimated, 1928	Actual, 1927
8. DEPARTMENT OF LABOR—Continued.			
(*l*) Other miscellaneous receipts—Continued.			
3. Assessments and reimbursements—			
1. Reimbursement for Government property lost or damaged	----------	----------	$434. 90
2. Care of aliens, Ellis Island Hospital	$100, 000. 00	$100, 000. 00	102, 800. 50
3. Miscellaneous	----------	----------	159. 50
Total assessments and reimbursements	100, 000. 00	100, 000. 00	103, 394. 90
4. Miscellaneous—			
1. Receipts from telephone service	----------	393. 00	439. 29
2. Rent of buildings	----------	----------	316. 00
3. Other	----------	607. 00	160. 62
Total miscellaneous	----------	1, 000. 00	915. 91
Total, other miscellaneous receipts (*l*)	5, 407, 400. 00	5, 408, 100. 00	5, 334, 728. 18
Total, Department of Labor	5, 407, 400. 00	5, 408, 100. 00	5, 344, 141. 99
9. NAVY DEPARTMENT:			
(*i*) Proceeds sale of surplus property—			
1. War supplies	300, 000. 00	500, 000. 00	4, 815, 268. 75
2. Miscellaneous, condemned materials, etc	1, 300, 000. 00	900, 000. 00	1, 013, 696. 09
Total proceeds, sale of surplus property (*i*)	1, 600, 000. 00	1, 400, 000. 00	5, 828, 964. 84
(*k*) Receipts from miscellaneous sources credited direct to appropriations—			
1. Collections credited to general account of advances	----------	----------	38, 199. 27
(*l*) Other miscellaneous receipts—			
1. Interest, premiums, and discount—			
1. Interest on public deposits and daily balances	500. 00	500. 00	872. 84
2. Gain by exchange	50. 00	50. 00	65. 05
3. Interest on debts due United States from individuals and corporations	10, 000. 00	10, 000. 00	12, 299. 28
Total interest, premium, and discount	10, 550. 00	10, 550. 00	13, 237. 17
2. Revenue-producing enterprises—			
1. United States Navy radio service	100, 000. 00	100, 000. 00	150, 000. 00
2. United States Hydrographic Office, sale of charts	32, 000. 00	32, 000. 00	32, 330. 32
3. Profits from sale of ship's stores	300, 000. 00	300, 000. 00	310, 430. 68
Total revenue-producing enterprises	432, 000. 00	432, 000. 00	492, 761. 00
3. Fees, fines, penalties, etc.—Navy fines and forfeitures, and forfeitures by contractors	935, 000. 00	936, 848. 00	905, 631. 30
4. Public domain receipts—Royalties from naval petroleum reserves	2, 400, 000. 00	2, 400, 000. 00	10, 905, 424. 59
5. Recovery of value of oil in cases of United States *v.* Pan American Petroleum Co. and Pan American Petroleum & Transport Co	----------	13, 013, 152. 00	----------
6. Gifts and contributions	----------	----------	871. 36
7. Assessments and reimbursements—			
1. Reimbursements work performed by Navy Department	150, 000. 00	150, 000. 00	90, 366. 77
2. Reimbursement for Government property lost or damaged	65, 000. 00	65, 000. 00	59, 969. 11
3. Reimbursement by Kittery water district	15, 000. 00	15, 000. 00	13, 582. 44
4. Overhead charges on sales	----------	----------	65, 529. 74
5. Miscellaneous	5, 000. 00	5, 000. 00	3, 837. 65
Total assessments and reimbursements	235, 000. 00	235, 000. 00	233, 285. 71
8. Miscellaneous—			
1. Rent of public buildings, grounds, etc	125, 000. 00	125, 000. 00	138, 821. 78
2. Purchase of discharges, Navy and Marine Corps	2, 000. 00	2, 000. 00	3, 364. 35
3. Naval hospital fund	380, 000. 00	380, 000. 00	1, 006, 857. 98
4. Clothing and small stores fund	----------	----------	5, 319, 636. 56
5. Other	1, 000. 00	1, 000. 00	14, 301. 01
Total miscellaneous	508, 000. 00	508, 000. 00	6, 482, 981. 68

No. 3.—*Estimated receipts, exclusive of postal revenues, fiscal year 1929, compared with prior years*—Continued

ORDINARY RECEIPTS DETAILED BY SOURCES UNDER ORGANIZATION UNITS—Continued

Classification	Estimated, 1929	Estimated, 1928	Actual, 1927
9. NAVY DEPARTMENT—Continued.			
(*l*) Other miscellaneous receipts—Continued.			
9. Trust funds—			
1. Pay of Marine Corps, deposit fund			$183, 805. 22
2. Pay of Navy, deposit fund			26, 714. 32
3. Navy pension fund, principal	$3, 000. 00	$3, 000. 00	4, 270. 82
4. Other			2, 092. 00
Total trust fund receipts	3, 000. 00	3, 000. 00	216, 882. 36
Total other miscellaneous receipts (*l*)	4, 523, 550. 00	17, 538, 550. 00	19, 251, 075. 17
Total, Navy Department	6, 123, 550. 00	18, 938, 550. 00	25, 118, 239. 28
10. STATE DEPARTMENT:			
(*i*) Proceeds sale of surplus property	11, 000. 00	11, 000. 00	5, 092. 58
(*k*) Receipts from miscellaneous sources credited direct to appropriations			46, 061. 06
(*l*) Other miscellaneous receipts—			
1. Interest, premium, and discount—			
1. Interest on public deposits	4, 100. 00	4, 100. 00	3, 867. 50
2. Interest on debts due United States from individuals	1, 200. 00	1, 200. 00	
3. Gain by exchange	20, 000. 00	20, 000. 00	16, 718. 51
Total interest, premium, and discount	25, 300. 00	25, 300. 00	20, 586. 01
2. Fees, fines, penalties, etc.—			
1. Consular fees	7, 100, 000. 00	7, 100, 000. 00	7, 198, 257. 98
2. Passport fees	1, 587, 000. 00	1, 587, 000. 00	1, 588, 104. 27
3. Miscellaneous fees and penalties	1, 500. 00	1, 500. 00	64. 50
Total fees, fines, penalties, etc	8, 688, 500. 00	8, 688, 500. 00	8, 786, 426. 75
3. Reimbursements—			
1. Cost of extradition cases	4, 500. 00	4, 500. 00	3, 661. 33
2. Relief moneys furnished American citizens and prisoners of war	1, 500. 00	1, 500. 00	861. 36
3. Foreign governments' share of expenses, Mixed Claims Commissions	24, 200. 00	25, 071. 00	18, 247. 74
4. Reimbursement, representation of foreign governments			145, 865. 62
5. Miscellaneous	250. 00	250. 00	
Total reimbursements	30, 450. 00	31, 321. 00	168, 636. 05
4. Miscellaneous—			
1. Funds contributed as quota to Pan American Union	95, 233. 00	95, 233. 00	220, 658. 29
2. Rent of public buildings and grounds			1, 647. 34
3. Canadian Government's share, public works			275, 000. 00
4. Other			5. 00
Total miscellaneous	95, 233. 00	95, 233. 00	497, 310. 63
5. Trust funds—			
1. Claims of individuals 2. Wages due seamen 3. Estates of decedents	20, 000. 00	20, 000. 00	4, 044. 76
4. Service credits and interest on investments, Foreign Service retirement and disability fund	18, 000. 00	15, 876. 00	10, 007. 54
Total trust fund receipts	38, 000. 00	35, 876. 00	14, 052. 30
Total other miscellaneous receipts (*l*)	8, 877, 483. 00	8, 876, 230. 00	9, 487, 011. 74
Total, State Department	8, 888, 483. 00	8, 887, 230. 00	9, 538, 165. 38

No. 3.—*Estimated receipts, exclusive of postal revenues, fiscal year 1929, compared with prior years*—Continued

ORDINARY RECEIPTS DETAILED BY SOURCES UNDER ORGANIZATION UNITS—Continued

Classification	Estimated, 1929	Estimated, 1928	Actual, 1927
11. TREASURY DEPARTMENT:			
(*a*) Customs	$602, 000, 000. 00	$602, 000, 000. 00	$605, 499, 983. 44
INTERNAL REVENUE			
(*b*) Income tax	2, 065, 000, 000. 00	2, 165, 000, 000. 00	2, 224, 992, 800. 25
(*c*) Miscellaneous internal revenue	640, 545, 000. 00	638, 545, 000. 00	644, 421, 541. 56
Total internal-revenue receipts	2, 705, 545, 000. 00	2, 803, 545, 000. 00	2, 869, 414, 341. 81
MISCELLANEOUS RECEIPTS			
(*d*) Proceeds of Government-owned securities—foreign obligations—principal—			
1. Repayments of unfunded loans (principal) to foreign governments, etc. (act of Sept. 24, 1917)—			
1. France		12, 500, 000. 00	
2. Italy			10, 001, 882. 81
3. Liberia		26, 000. 00	
4. Serbs, Croats, and Slovenes		7, 112. 00	
Total repayments of unfunded loans (principal) to foreign governments		12, 533, 112. 00	10, 001, 882. 81
2. Payment of obligations of foreign governments for sales of surplus war supplies—Nicaragua			6, 500. 00
3. Principal payments on funded obligations of foreign governments—			
1. Belgium	2, 950, 000. 00	2, 450, 000. 00	2, 100, 000. 00
2. Czechoslovakia	3, 000, 000. 00	3, 000, 000. 00	3, 000, 000. 00
3. Finland	52, 000. 00	50, 000. 00	49, 000. 00
4. Great Britain	27, 000, 000. 00	25, 000, 000. 00	25, 000, 000. 00
5. Hungary	10, 640. 00	10, 435. 00	10, 230. 00
6. Italy	5, 000, 000. 00	5, 000, 000. 00	5, 000, 000. 00
7. Lithuania	35, 020. 00	33, 492. 00	31, 960. 00
8. Rumania	500, 000. 00	400, 000. 00	300, 000. 00
9. Serbs, Croats, and Slovenes	200, 000. 00	200, 000. 00	200, 000. 00
Total principal payments on funded obligations of foreign governments	38, 747, 660. 00	36, 143, 927. 00	35, 691, 190. 00
Total proceeds of Government-owned securities, foreign obligations, principal (*d*)	38, 747, 660. 00	48, 677, 039. 00	45, 699, 572. 81
(*c*) Proceeds of Government-owned securities—foreign obligations—interest—			
1. Interest on loans to foreign governments—			
1. Russia			31, 793. 45
2. Liberia		9, 610. 00	
Total interest on loans to foreign governments		9, 610. 00	31, 793. 45
2. Interest on obligations of foreign governments on account of sales of war supplies—			
1. France	20, 367, 057. 00	20, 367, 057. 00	20, 531, 226. 31
2. Nicaragua			421. 00
Total interest on obligations of foreign governments on account of sales of war supplies	20, 367, 057. 00	20, 367, 057. 00	20, 531, 647. 31
3. Interest on funded obligations of foreign governments on account of—			
1. Belgium	2, 500, 000. 00	2, 250, 000. 00	2, 000, 000. 00
2. Esthonia	225, 000. 00	175, 000. 00	125, 000. 00
3. Finland	262, 140. 00	263, 670. 00	265, 155. 00
4. Great Britain	133, 995, 000. 00	134, 775, 000. 00	135, 525, 000. 00
5. Hungary	58, 106. 00	58, 422. 00	58, 732. 51
6. Latvia	85, 000. 00	75, 000. 00	8, 000. 00
7. Lithuania	98, 605. 00	96, 459. 00	94, 271. 63
8. Poland	2, 750, 000. 00	2, 250, 000. 00	1, 750, 000. 00
Total interest on funded obligations of foreign governments	139, 973, 851. 00	139, 943, 551. 00	139, 826, 159. 14
Total proceeds of Government-owned securities—foreign obligations—interest (*e*)	160, 340, 908. 00	160, 320, 218. 00	160, 389, 599. 90

No. 3.—*Estimated receipts, exclusive of postal revenues, fiscal year 1929, compared with prior years*—Continued

ORDINARY RECEIPTS DETAILED BY SOURCES UNDER ORGANIZATION UNITS—Continued

Classification	Estimated, 1929	Estimated, 1928	Actual, 1927
11. TREASURY DEPARTMENT—Continued.			
(*g*) Proceeds Government-owned securities—all others—			
1. Sale of farm-loan bonds			$60, 495, 000. 00
2. Liquidation of capital stock of Federal land banks	$274, 000. 00	$150, 000. 00	338, 432. 00
3. Interest on farm-loan bonds			670, 060. 92
Total proceeds Government-owned securities—all others (*g*)	274, 000. 00	150, 000. 00	61, 503, 492. 92
(*i*) Proceeds sale of surplus property—			
1. Office material	30, 000. 00	33, 000. 00	371, 712. 17
2. Land and buildings			550. 00
3. Miscellaneous Government property	291, 025. 00	293, 275. 00	24, 105. 02
Total proceeds sale of surp. property (*i*)	321, 025. 00	326, 275. 00	396, 367. 19
(*k*) Receipts from miscellaneous sources credited direct to appropriations			38, 265. 18
(*l*) Other miscellaneous receipts—			
1. Other interst, premium, and discount—			
1. Interest on public deposits	4, 500, 000. 00	4, 500, 000. 00	4, 637, 147. 95
2. Interest repaid by central branch Union Pacific R. R.			11, 278. 93
3. Gain by exchange			1, 690, 412. 68
4. Miscellaneous items			490. 22
Total other interest, premium, and discount	4, 500, 000. 00	4, 500, 000. 00	6, 339, 329. 78
2. Fees, fines, penalties, etc.—			
1. Tax on circulation of Federal reserve and national banks	3, 220, 000. 00	3, 250, 000. 00	3, 253, 461. 97
2. Franchise tax: Surplus earnings of Federal reserve and Federal intermediate credit banks	1, 000, 000. 00	800, 000. 00	1, 231, 763. 58
3. Fees, fines, etc., customs service	1, 500, 000. 00	1, 500, 000. 00	1, 589, 714. 30
4. Collections under national prohibition and narcotic acts			37, 128. 07
5. Miscellaneous	9, 000. 00	9, 000. 00	39, 367. 50
Total fees, fines, penalties, etc	5, 729, 000. 00	5, 559, 000. 00	6, 151, 435. 42
3. Assessments—			
1. Salaries and expenses, national-bank examiners	2, 300, 000. 00	2, 300, 000. 00	2, 451, 008. 90
2. Assessments on Federal and joint stock land banks and Federal intermediate credit banks, salaries and expenses, Federal Farm Loan Board	833, 201. 00	680, 000. 00	588, 338. 34
Total assessments	3, 133, 201. 00	2, 980, 000. 00	3, 039, 347. 24
4. Reimbursements—			
1. Expenses of national currency	517, 960. 00	513, 932. 00	546, 528. 74
2. Fumigating and disinfecting vessels	625, 000. 00	625, 000. 00	642, 232. 63
3. Money recovered in narcotic and prohibition cases	10, 000. 00	10, 000. 00	20, 437. 24
4. Expenses of international service of ice observation and patrol	112, 000. 00	145, 000. 00	193, 012. 29
5. Expenses of farm-loan bonds and credit-bank securities	88, 000. 00	74, 000. 00	
6. Care and treatment of foreign seamen and other pay patients	75, 000. 00	75, 000. 00	77, 955. 11
7. Reimbursement for Government property lost or damaged		225. 00	3, 294. 04
8. Other	1, 860. 00	1, 860. 00	5, 938. 13
Total reimbursements	1, 429, 820. 00	1, 445, 017. 00	1, 489, 398. 18
5. Miscellaneous—			
1. Profits on coinage, bullion deposits, etc	7, 400, 000. 00	8, 400, 000. 00	9, 130, 112. 82
2. Rent of public buildings, grounds, etc	115, 000. 00	120, 000. 00	101, 147. 08
3. Revenue-producing enterprises			1, 028. 00
4. Gifts and contributions			28, 517. 70
5. Other	14, 000. 00	13, 775. 00	76, 698. 72
Total miscellaneous	7, 529, 000. 00	8, 533, 775. 00	9, 337, 504. 32
Total, other miscellaneous receipts (*l*)	22, 321, 021. 00	23, 017, 792. 00	26, 357, 014. 94
Total, miscellaneous receipts under Treasury Department	222, 004, 614. 00	232, 491, 324. 00	294, 384, 312. 94
Total, Treasury Department	3, 529, 549, 614. 00	3, 638, 036, 324. 00	3, 769, 298, 638. 19

No. 3.—*Estimated receipts, exclusive of postal revenues, fiscal year 1929, compared with prior years*—Continued

ORDINARY RECEIPTS DETAILED BY SOURCES UNDER ORGANIZATION UNITS—Continued

Classification	Estimated, 1929	Estimated, 1928	Actual, 1927
12. WAR DEPARTMENT:			
(*g*) Proceeds Government-owned securities—all others—			
1. Dividends on capital stock	$350, 000. 00	$350, 000. 00	$350, 000. 00
2. Interest on securities			121, 331. 31
Total proceeds Government-owned securities—all others (*g*)	350, 000. 00	350, 000. 00	471, 331. 31
(*i*) Proceeds sale of surplus property—			
1. Office material	1, 200. 00	1, 200. 00	
2. Land and buildings	2, 599, 936. 00	3, 221, 912. 00	3, 838, 713. 31
3. Ordnance material	25, 000. 00	40, 000. 00	38, 357. 89
4. War supplies	1, 415, 000. 00	1, 455, 000. 00	3, 809, 291. 97
5. Garbage and refuse	62, 353. 00	62, 353. 00	
6. Salvage and miscellaneous material	1, 020, 000. 00	1, 024, 000. 00	1, 061, 310. 96
Total proceeds sale of surplus property (*i*)	5, 123, 489. 09	5, 804, 465. 00	8, 747, 674. 13
(*j*) Panama Canal tolls, etc.—			
1. Tolls	25, 000, 000. 00	24, 000, 000. 00	23, 756, 994. 19
2. Taxes, licenses, fines, etc., Canal Zone	225, 000. 00	225, 000. 00	222, 332. 34
3. Net profit, business operations	650, 000. 00	650, 000. 00	1, 268, 015. 33
4. Proceeds of waterworks			129, 374. 64
5. Miscellaneous	125, 000. 00	125, 000. 00	167, 984. 95
			25, 544, 701. 45
Adjustment between cash and warrant distribution			223, 688. 26
Total, Panama Canal tolls, etc. (*j*). (See Statement No. 8.)	26, 000, 000. 00	25, 000, 000. 00	25, 768, 389. 71
(*k*) Receipts from miscellaneous sources credited direct to appropriations—			
1. Collections on advance and deferred payments	1, 653, 021. 00	1, 417, 923. 00	1, 232, 932. 41
(*l*) Other miscellaneous receipts—			
1. Interest, premium, and discount—			
1. Interest on advanced payments to contractors, deficiency act of Oct. 6, 1917	40, 000. 00	40, 000. 00	44, 551. 39
2. Interest on deferred payments	429, 358. 00	320, 195. 00	
3. Interest on debts due by individuals			145, 600. 24
4. Other	1, 000. 00	1, 000. 00	
Total interest, premium, and discount	470, 358. 00	361, 195. 00	190, 151. 63
2. Revenue-producing enterprises—			
1. United States telegraph lines	220, 000. 00	220, 000. 00	222, 291. 03
2. United States transports	1, 000. 00	4, 000. 00	12, 270. 79
3. United States Army tank lines	12, 500. 00	12, 500. 00	736. 28
4. United States telephone lines	800. 00	800. 00	
5. United States laundry and dry-cleaning operation	1, 392, 227. 00	1, 392, 227. 00	1, 353, 105. 93
6. Receipts from stud fees	18, 000. 00	20, 000. 00	
7. Photographs and motion-picture films	7, 000. 00	7, 000. 00	
8. Miscellaneous	20, 000. 00	20, 000. 00	
9. Electric current (Dam No. 2)	1, 200, 000. 00	1, 100, 000. 00	1, 031, 901. 64
Total revenue-producing enterprises	2, 871, 527. 00	2, 776, 527. 00	2, 620, 305. 67
3. Fees, fines, penalties, etc.—			
1. Fines for violating regulations	1, 800. 00	2, 000. 00	26. 05
2. Forfeitures by contractors	900. 00	1, 000. 00	182. 17
3. Other	350. 00	370. 00	2, 764. 89
Total fees, fines, penalties, etc	3, 050. 00	3, 370. 00	2, 973. 11
4. Gifts and contributions—			
1. Contributions for river and harbor improvements	2, 900, 000. 00	2, 900, 000. 00	4, 192, 263. 15
2. Contributions for improvement of roads, bridges, and related works, Alaska	100, 000. 00	100, 000. 00	91, 695. 82
3. Miscellaneous	250, 000. 00	250, 000. 00	34. 50
Total gifts and contributions	3, 250, 000. 00	3, 250, 000. 00	4, 283, 993. 47
5. Reimbursements—			
1. Work performed by War Department for individuals, corporations, and others	9, 000. 00	9, 000. 00	19, 954. 60
2. Reimbursement for Government property lost or damaged	2, 000. 00	2, 000. 00	10, 216. 60
3. Overhead charges on sales of supplies (commissary)	30, 000. 00	40, 000. 00	103, 091. 52
4. Payment by German Government under terms of Paris agreement of Jan. 14, 1925	13, 101, 895. 00	13, 101, 895. 00	8, 919, 849. 17
5. Settlement of claims	50, 000. 00	50, 000. 00	312, 075. 88
6. Other	19, 900. 00	19, 900. 00	4, 924. 04
Total reimbursements	13, 212, 795. 00	13, 222, 795. 00	9, 370, 111. 81

No. 3.—*Estimated receipts, exclusive of postal revenues, fiscal year 1929, compared with prior years*—Continued

ORDINARY RECEIPTS DETAILED BY SOURCES UNDER ORGANIZATION UNITS—Continued

Classification	Estimated, 1929	Estimated, 1928	Actual, 1927
12. WAR DEPARTMENT—Continued.			
(*l*) Other miscellaneous receipts—Continued.			
6. Miscellaneous—			
1. Rent of public buildings, grounds, etc	$815, 000. 00	$828, 090. 00	$872, 362. 61
2. Other	350. 00	360. 00	
Total miscellaneous	815, 350. 00	828, 450. 00	872, 362. 61
7. Trust funds—			
1. Soldiers' Home permanent fund	550, 000. 00	552, 000. 00	546, 355. 20
2. Pay of the Army deposit fund	1, 500, 000. 00	1, 500, 000. 00	980, 165. 42
3. Preservation birthplace of Lincoln	2, 000. 00	2, 040. 00	2, 040. 00
4. Other	200. 00	300. 00	62, 586. 53
Total trust fund receipts	2, 052, 200. 00	2, 054, 340. 00	1, 591, 147. 15
Total other miscellaneous receipts (*l*)	22, 675, 280. 00	22, 496, 677. 00	18, 931, 045. 45
Total, War Department, exclusive of Panama Canal	29, 801, 790. 00	30, 069, 065. 00	29, 382, 983. 30
Total, War Department, including Panama Canal	55, 801, 790. 00	55, 069, 065. 00	55, 151, 373. 01
13. DISTRICT OF COLUMBIA:			
(*h*) Trust fund receipts (reappropriated for investment)—District of Columbia teachers' retirement fund	500, 000. 00	465, 000. 00	289, 980. 43
(*k*) Receipts from miscellaneous sources credited direct to appropriations			27, 632. 11
(*l*) Other miscellaneous receipts—			
1. Revenues of the District of Columbia—			
1. General fund	27, 500, 000. 00	27, 000, 000. 00	24, 859, 514. 55
2. Water funds	1, 500, 000. 00	1, 400, 000. 00	1, 452, 139. 17
3. Industrial Home School fund	4, 000. 00	4, 000. 00	1, 597. 65
4. Escheated estates relief fund	2, 000. 00	2, 000. 00	363. 85
5. Gasoline tax, road and street fund	1, 400, 000. 00	1, 300, 000. 00	1, 251, 333. 38
6. Fees for reissuing operators permits			272, 376. 00
7. Miscellaneous			20. 00
8. Refund of excess rentals recovered by Rent Commission			3, 443. 40
Total revenues of the District of Columbia	30, 406, 000. 00	29, 706, 000. 00	27, 840, 788. 00
2. Trust funds—			
1. Teachers' retirement fund	40, 900. 00	30, 000. 00	51, 419. 81
2. Policemen and firemen's relief fund	500, 000. 00	460, 000. 00	592, 152. 42
3. Washington redemption fund	500, 000. 00	400, 000. 00	735, 242. 83
4. Permit fund	85, 000. 00	84, 000. 00	48, 199. 23
5. Miscellaneous trust-fund deposits	1, 050, 000. 00	1, 000, 000. 00	953, 772. 02
Total trust funds	2, 175, 000. 00	1, 974, 000. 00	2, 380, 786. 31
3. United States receipts from District of Columbia sources			146, 500. 42
Total other miscellaneous receipts (*l*)	32, 581, 000. 00	31, 680, 000. 00	30, 368, 074. 7
Total District of Columbia	33, 081, 000. 00	32, 145, 000. 00	30, 685, 687. 27
			653, 712, 806. 96
Adjustment between cash and warrant distribution			767, 308. 89
Total miscellaneous receipts	501, 952, 314. 00	670, 053, 091. 00	654, 480, 115. 85
Total ordinary receipts, exclusive of postal revenues	3, 809, 497, 314. 00	4, 075, 598, 091. 00	4, 129, 394, 441. 10
SUMMARY, INCLUDING POSTAL SERVICE			
Legislative establishment	802, 305. 00	747, 675. 00	680, 814. 07
Executive office and independent establishments	107, 505, 801. 00	253, 419, 901. 00	173, 250, 000. 99
Department of Agriculture	8, 673, 700. 00	8, 071, 500. 00	7, 860, 352. 38
Department of Commerce	4, 572, 650. 00	4, 555, 800. 00	4, 295, 152. 93
Department of the Interior	40, 744, 021. 00	40, 656, 946. 00	39, 406, 007. 11
Department of Justice	8, 347, 900. 00	9, 662, 000. 00	7, 998, 259. 61
Department of Labor	5, 407, 400. 00	5, 408, 100. 00	5, 344, 141. 99
Navy Department	6, 123, 550. 00	18, 938, 550. 00	25, 118, 239. 28
State Department	8, 888, 483. 00	8, 887, 230. 00	9, 538, 165. 38
Treasury Department	3, 529, 549, 614. 00	3, 638, 036, 324. 00	3, 769, 298, 638. 19
War Department	55, 801, 790. 00	55, 069, 065. 00	55, 151, 373. 01
District of Columbia	33, 081, 000. 00	32, 145, 000. 00	30, 685, 687. 27
			4, 128, 627, 132. 21
Adjustment between cash and warrant distribution			767, 308. 89
Total ordinary receipts	3, 809, 497, 314. 00	4, 075, 598, 091. 00	4, 129, 394, 441. 10
Postal revenues	753, 000, 000. 00	710, 500, 000. 00	683, 121, 988. 66
Total receipts	4, 562, 497, 314. 00	4, 786, 098, 091, 00	4, 812, 516, 429. 76

Budget Statement No. 4

Estimated receipts, exclusive of postal revenues, fiscal year 1929, compared with prior years

Ordinary Receipts, Under Classification of Treasury Daily Statement

	Estimated receipts		Actual receipts, 1927 (on basis of Treasury Daily Statement)
	1929	1928	
(a) Customs, Treasury Department	$602,000,000	$602,000,000	$605,499,983.44
INTERNAL REVENUE			
(b) Income tax, Treasury Department	2,065,000,000	2,165,000,000	2,224,992,800.25
(c) Miscellaneous internal revenue, Treasury Department	640,545,000	638,545,000	644,421,541.56
MISCELLANEOUS RECEIPTS			
Proceeds Government-owned securities—			
Foreign obligations—			
(d) Principal, Treasury Department	38,747,660	48,677,039	45,699,572.81
(e) Interest, Treasury Department	160,340,908	160,320,218	160,389,599.90
(f) Railroad securities, principal and interest	24,090,165	169,478,870	89,737,958.98
(g) All others, principal and interest—			
1. Housing Corporation	188,000	263,000	1,260,745.58
2. Shipping Board and Merchant Fleet Corporation			466,660.38
3. Department of Agriculture	3,000	5,000	9,522.46
4. Treasury Department	274,000	150,000	61,503,492.92
5. War Department	350,000	350,000	471,331.31
			63,711,752.65
Adjustment between cash and warraut distribution			236,765.38
Total, all others, principal and interest (g)	815,000	768,000	63,474,987.27
(h) Trust fund receipts (reappropriated for investment):			
1. General railroad contingent fund	500,000	500,000	870,677.84
2. United States Veterans' Bureau	46,837,640	47,055,000	47,315,972.70
3. District of Columbia	500,000	465,000	289,980.43
Total trust fund receipts (reappropriated for investment (h)	47,837,640	48,020,000	48,476,630.97
(i) Proceeds sale of surplus property:			
1. Senate	1,000	1,000	817.61
2. House of Representatives	1,000	1,000	471.20
3. Office of Architect of the Capitol	1,650	2,150	
4. Government Printing Office	70,000	70,000	67,607.89
5. Library of Congress			658.06
6. Executive office	30	30	20.26
7. Civil Service Commission			.15
8. Federal Board for Vocational Education	15	15	29.35
9. General Accounting Office	2,000	2,000	16,064.67
10. Housing Corporation	1,310,000	1,360,000	1,669,594.90
11. Public Buildings and Public Parks of the National Capital	15,700	15,700	18,899.77
12. Railroads			1,598.93
13. Shipping Board and Merchant Fleet Corporation			482.50
14. Smithsonian Institution	100	100	67.18
15. Tariff Commission			29.50
16. United States Veterans' Bureau	200,000	250,000	408,130.51
17. Department of Agriculture	173,000	168,800	231,117.16
18. Department of Commerce	65,000	64,750	71,247.49
19. Department of the Interior	19,748	19,748	25,359.49
20. Department of Justice (proper)	500	500	276.25
21. Department of Justice (judicial)	3,000	3,000	1,752.84
22. Department of Labor			405.78
23. Navy Department	1,600,000.00	1,400,000.00	5,828,964.84
24. State Department	11,000.00	11,000.00	5,092.58
25. Treasury Department	321,025.00	326,275.00	396,367.19
26. War Department	5,123,489.00	5,804,465.00	8,747,674.13
			17,492,730.23
Adjustment between cash and warrant distribution			575,799.75
Total, proceeds sale of surplus property (i)	8,918,257.00	9,500,533.00	18,068,529.98
(j) Panama Canal tolls, etc	26,000,000.00	25,000,000.00	25,768,389.71
(k) Receipts from miscellaneous sources credited direct to appropriations:			
1. Legislative, miscellaneous			47,038.91
2. Executive office			290.25
3. Shipping Board and Merchant Fleet Corporation			1,618,488.27
4. United States Veterans' Bureau		900,000.00	7,200,258.25
5. Miscellaneous independent establishments			305,823.23
6. Department of Agriculture			45,312.93

No. 4.—*Estimated receipts, exclusive of postal revenues, fiscal year 1929, compared with prior years*—Continued

ORDINARY RECEIPTS, UNDER CLASSIFICATION OF TREASURY DAILY STATEMENT—Continued

	Estimated receipts		Actual receipts, 1927 (on basis of Treasury Daily Statement)
	1929	1928	
MISCELLANEOUS RECEIPTS—continued			
(k) Receipts from miscellaneous sources credited direct to appropriations—Continued.			
7. Department of Commerce			[1] $23, 245. 77
8. Department of the Interior	$6, 000, 000. 00	$6, 000, 000. 00	3, 762, 287. 26
9. Department of Justice (proper)			13, 142. 32
10. Department of Labor			9, 008. 03
11. Navy Department			38, 199. 27
12. State Department			46, 061. 06
13. Treasury Department			38, 265. 18
14. War Department	1, 653, 021. 00	1, 417, 923. 00	1, 232, 932. 41
15. District of Columbia			27, 632. 11
Total, miscellaneous receipts credited direct to appropriations (k)	7, 653, 021. 00	8, 317, 923. 00	14, 361, 493. 71
(l) Other miscellaneous receipts:			
1. House of Representatives			1, 875. 00
2. Office of Architect of the Capitol	155. 00	175. 00	
3. Government Printing Office	160, 000. 00	160, 000. 00	131, 857. 74
4. Library of Congress	568, 500. 00	513, 350. 00	429, 850. 16
5. Legislative, miscellaneous			637. 50
6. Board of Tax Appeals	120, 000. 00	120, 000. 00	127, 259. 30
7. Federal Board for Vocational Education	44, 000. 00	48, 000. 00	63, 170. 09
8. Federal Power Commission	341, 775. 00	307, 575. 00	286, 746. 15
9. Federal Reserve Board	2, 700, 000. 00	2, 700, 000. 00	2, 349, 538. 84
10. Federal Trade Commission			2. 50
11. General Accounting Office			327. 84
12. Housing Corporation	430, 000. 00	438, 000. 00	479, 016. 53
13. Interstate Commerce Commission	14, 225. 00	20, 400. 00	9, 771. 95
14. National Advisory Committee for Aeronautics	1. 00	1, 421. 00	3. 25
15. Public Buildings and Public Parks of the National Capital	6, 690. 00	6, 690. 00	47. 81
16. Railroad Administration			5, 244. 48
17. Shipping Board and Merchant Fleet Corporation	3, 000, 000. 00	4, 500, 000. 00	32. 10
18. Smithsonian Institution	100. 00	100. 00	3. 75
19. United States Veterans' Bureau	27, 705, 360. 00	25, 453, 000. 00	19, 037, 368. 67
20. Miscellaneous independent establishments			[1] 325. 47
21. Department of Agriculture	8, 497, 700. 00	7, 897, 700. 00	7, 574, 399. 83
22. Department of Commerce	4, 507, 650. 00	4, 491, 050. 00	4, 247, 451. 21
23. Department of the Interior	34, 724, 273. 00	34, 637, 198. 00	35, 618, 360. 36
24. Department of Justice (proper)	283, 500. 00	283, 500. 00	158, 170. 87
25. Department of Justice (judicial)	8, 060, 000. 00	9, 375, 000. 00	7, 824, 917. 33
26. Department of Labor	5, 407, 400. 00	5, 408, 100. 00	5, 334, 728. 18
27. Navy Department	4, 523, 550. 00	17, 538, 550. 00	19, 251, 075. 17
28. State Department	8, 877, 483. 00	8, 876, 230. 00	9, 487, 011. 74
29. Treasury Department	22, 321, 021. 00	23, 017, 792. 00	26, 357, 014. 94
30. War Department	22, 675, 280. 00	22, 496, 677. 00	18, 931, 045. 45
31. District of Columbia	32, 581, 000. 00	31, 680, 000. 00	30, 368, 074. 73
			188, 074, 678. 00
Adjustment between cash and warrant distribution			428, 274. 52
Total, other miscellaneous receipts (l)	187, 549, 663. 00	199, 970, 508. 00	188, 502, 952. 52
Total ordinary receipts	3, 809, 497, 314. 00	4, 075, 598, 091. 00	4, 129, 394, 441. 10
SUMMARY			
(a) Customs	602, 000, 000. 00	602, 000, 000. 00	605, 499, 983. 44
Internal revenue:			
(b) Income tax	2, 065, 000, 000. 00	2, 165, 000, 000. 00	2, 224, 992, 800. 25
(c) Miscellaneous internal revenue	640, 545, 000. 00	638, 545, 000. 00	644, 421, 541. 56
Miscellaneous receipts:			
Proceeds Government-owned securities—			
Foreign obligations—			
(d) Principal	38, 747, 660. 00	48, 677, 039. 00	45, 699, 572. 81
(e) Interest	160, 340, 908. 00	160, 320, 218. 00	160, 389, 599. 90
(f) Railroad securities	24, 090, 165. 00	169, 478, 870. 00	89, 737, 958. 98
(g) All others	815, 000. 00	768, 000. 00	63, 474, 987. 27
(h) Trust fund receipts (reappropriated for investment)	47, 837, 640. 00	48, 020, 000. 00	48, 476, 630. 97
(i) Proceeds sale of surplus property	8, 918, 257. 00	9, 500, 533. 00	18, 068, 529. 98
(j) Panama Canal, tolls, etc	26, 000, 000. 00	25, 000, 000. 00	25, 768, 389. 71
(k) Receipts from miscellaneous sources credited direct to appropriations	7, 653, 021. 00	8, 317, 923. 00	14, 361, 493. 71
(l) Other miscellaneous receipts	187, 549, 663. 00	199, 970, 508. 00	188, 502, 952. 52
Total ordinary receipts	3, 809, 497, 314. 00	4, 075, 598, 091. 00	4, 129, 394, 441. 10

[1] Deduct—excess of credits.

BUDGET STATEMENT NO. 5

Estimated expenditures, fiscal year 1929, compared with prior years

SUMMARY BY CHARACTER OF EXPENDITURES EXCLUSIVE OF THE POSTAL SERVICE

Reference to statement No.	Reference to statement Page	Character of expenditure	Expenditures: Estimated, 1929	Estimated, 1928	Actual, 1927 [1]
2	----	Expenditures:			
		1. Current expenses, including equipment	$1,043,415,144.00	$1,021,234,837.00	$933,713,078.19
		2. Nonadministrative expenses [2]—			
	A31	1. Interest on public debt	670,000,000.00	720,000,000.00	787,019,578.18
	A31	2. Premium on sinking-fund purchases	----------	935,661.00	7,111,244.28
	A24	3. Pensions	210,000,000.00	221,000,000.00	229,956,741.00
	A17	4. U. S. Veterans' Bureau payments	374,007,360.00	376,179,688.00	355,472,932.73
	A18	5. Vocational education and rehabilitation of persons disabled in industry	7,749,004.00	7,431,297.00	7,175,509.61
	A19	6. Cooperative agricultural extension work	12,526,500.00	11,849,885.00	3,612,521.80
	A23	7. Colleges for agricultural and mechanic arts	2,550,000.00	2,550,000.00	2,550,000.00
	A24, 29	8. Treaty payments	1,132,020.00	1,153,662.00	5,880,205.31
	A31	9. Refunds and drawbacks	155,559,500.00	171,582,000.00	137,732,696.98
	A17	10. Employees' compensation fund payments	3,200,000.00	3,100,000.00	2,794,021.71
	A35	11. War claims and relief acts	5,825.00	2,532,886.00	7,505,473.43
		12. Other	192,500.00	162,000.00	341,353.22
		Total nonadministrative expenses [2]	1,436,922,709.00	1,518,477,079.00	1,547,152,278.25
		3. Construction work, including national defense structures—			
	A20	1. Rural post roads	75,000,000.00	80,000,000.00	82,974,910.29
	A35	2. Rivers and harbors	65,216,200.00	79,393,509.00	65,384,524.23
	A17	3. Hospital facilities and construction for World War patients	----------	8,364,824.00	4,599,159.58
	A19	4. Acquisition of lands for protection of watersheds	990,000.00	988,000.00	1,116,534.51
	A19	5. Forest road construction and development	6,500,000.00	7,502,000.00	9,125,496.91
	A30	6. Public buildings under Treasury Department	35,125,000.00	17,180,000.00	8,735,723.84
		7. Construction under War Department other than rivers and harbors	27,210,360.00	21,092,536.00	12,118,922.05
	A28	8. Construction under Navy Department	8,016,000.00	7,238,600.00	3,027,218.13
	A22	9. Public works under Commerce Department	2,320,000.00	1,978,000.00	97,422.58
	A23	10. Public works under Interior Department	18,384,042.00	21,309,264.00	11,009,633.85
		11. Other public works	4,343,000.00	6,293,954.00	2,882,412.29
		Total public works	243,104,602.00	251,340,687.00	201,071,958.26
	A36	4. District of Columbia	36,150,000.00	37,413,024.00	34,932,843.95
	A28	5. Deficiencies in postal revenues	15,270,042.00	30,370,400.00	27,263,191.12
1	A14	6. Operations in special accounts	18,233,550.00	29,330,182.00	19,548,025.40
		7. Investments—			
2	A31	1. Cape Cod Canal	6,300,000.00	----------	----------
	A31	2. Subscriptions to capital stock Federal intermediate credit banks	----------	----------	1,000,000.00
	A31	8. Reduction in principal of public debt, payable from ordinary receipts—			
		1. Sinking fund	369,209,094.00	353,221,424.00	333,528,400.00
		2. Other	172,414,300.00	182,963,650.00	186,026,444.78
		Total reduction in principal of public debt, payable from ordinary receipts	541,623,394.00	536,185,074.00	519,554,844.78
		9. Special funds	10,178,750.00	11,657,902.00	14,416,152.49
		10. Trust funds—			
	A24	1. Indian moneys	21,000,000.00	21,000,000.00	22,870,767.35
	A24	2. Civil-service retirement fund	----------	----------	[3] 425,194.65
1	A14	3. Investment of trust funds	178,901,640.00	158,915,000.00	163,783,250.77
		4. Other	5,857,200.00	5,390,100.00	8,703,323.49
		Total trust funds	205,758,840.00	185,305,100.00	194,932,146.96
		Total expenditures	3,556,957,031.00	3,621,314,285.00	3,493,584,519.40

[1] On basis of Treasury daily statement of June 30, 1926.
[2] Represents those disbursements of the Government which do not constitute expenses of administration, strictly speaking. Examples of such expenditures are interest on the public debt, pensions, grants, subsidies, and contributions, refunds and drawbacks, indemnities, military and naval insurance, and the like.
[3] Deduct—excess of repayments.

BUDGET STATEMENT NO. 6

Estimated receipts, fiscal year 1929, compared with prior years

SUMMARY BY SOURCES OF REVENUE, EXCLUSIVE OF POSTAL REVENUES

Reference to statement No.	Reference to statement Page	Source of revenue	Receipts Estimated, 1929	Receipts Estimated, 1928	Receipts Actual, 1927
1	A15	1. Customs receipts	$602,000,000.00	$602,000,000.00	$605,499,983.44
1	A15	2. Internal-revenue receipts:			
		1. Income and profits tax	2,065,000,000.00	2,165,000,000.00	2,224,992,800.25
		2. Miscellaneous	640,545,000.00	638,545,000.00	644,421,541.56
		Total internal revenue	2,705,545,000.00	2,803,545,000.00	2,869,414,341.81
1	A15	3. Miscellaneous receipts:			
		1. Interest, premium, and discount—			
		1. Interest on loans to foreign governments	20,367,057.00	20,376,667.00	20,563,440.76
		2. Dividend on capital stock	350,000.00	350,000.00	350,000.00
		3. Interest on loans to railroads	2,809,836.00	9,002,384.00	20,029,558.56
		4. Premiums on term insurance		900,000.00	7,200,206.00
		5. Interest on bonds of foreign governments under funding agreements	139,973,851.00	139,943,551.00	139,826,159.14
		6. Gain by exchange	20,050.00	20,050.00	1,707,196.24
		7. Interest on miscellaneous obligations	662,559.00	641,816.00	767,150.68
		8. Interest on farm-loan bonds			670,060.92
		9. Interest on public deposits, etc	4,551,800.00	4,555,500.00	4,708,572.28
		Total interest, premium, and discount	168,735,153.00	175,789,968.00	195,822,344.58
		2. Sale of Government property—			
		1. Sale of war supplies	1,740,000.00	1,976,800.00	8,648,478.01
		2. Miscellaneous Government property	8,067,457.00	8,382,083.00	9,600,330.09
		Total sale of Government property	9,807,457.00	10,358,883.00	18,248,808.10
		3. Public-domain receipts—			
		1. Sale of public lands	1,310,000.00	1,310,000.00	1,356,596.45
		2. Receipts under mineral oil leasing acts	6,000,000.00	6,000,000.00	7,026,134.16
		3. Forest reserve fund	6,220,000.00	5,650,000.00	5,227,667.31
		4. National park revenues	910,550.00	820,834.00	701,292.56
		5. Royalties from naval petroleum reserves	2,400,000.00	2,400,000.00	10,905,424.59
		6. Recovery in oil-lease litigation		13,013,152.00	
		7. Other	75,000.00	75,000.00	76,649.69
		Total public-domain receipts	16,915,550.00	29,268,986.00	25,293,764.76
		4. Federal reserve and Federal intermediate credit banks franchise tax	1,000,000.00	800,000.00	1,231,763.58
		5. Profits on coinage, bullion deposits, etc	7,400,000.00	8,400,000.00	9,130,112.82
		6. Revenue-producing enterprises—			
		1. Emergency Fleet Corporation, construction loan funds	3,000,000.00	4,500,000.00	2,085,663.25
		2. Panama Canal, tolls, profits, etc	26,000,000.00	25,000,000.00	25,768,389.71
		3. Other	4,123,527.00	4,036,527.00	3,860,945.78
		Total revenue-producing enterprises	33,123,527.00	33,536,527.00	31,714,998.74
		7. Rent of public buildings and grounds	1,114,390.00	1,132,480.00	1,442,798.17
		8. Fees, fines, penalties, forfeitures, etc.—			
		1. Consular and passport fees	8,687,000.00	8,687,000.00	8,786,362.25
		2. Tax on circulation of national banks	3,220,000.00	3,250,000.00	3,253,461.97
		3. Customs service	1,500,000.00	1,500,000.00	1,589,714.30
		4. Collections under enforcement of national prohibition act	4,500,000.00	5,500,000.00	4,298,198.21
		5. Navy fines and forfeitures	935,000.00	936,848.00	905,631.30
		6. Naturalization fees	875,000.00	875,000.00	944,955.50
		7. Immigration head tax	4,226,200.00	4,226,200.00	3,657,588.85
		8. Judicial	3,130,000.00	3,445,000.00	3,045,210.11
		9. Fees on letters patent	3,700,000.00	3,700,000.00	3,462,627.12
		10. Other	2,315,550.00	2,277,445.00	2,823,234.95
		Total fees, fines, penalties, etc	33,088,750.00	34,397,493.00	32,766,984.56
		9. Gifts and contributions—			
		1. For river and harbor improvements	2,900,000.00	2,900,000.00	4,192,263.15
		2. For Forest Service cooperative work	1,500,000.00	1,500,000.00	1,502,536.05
		3. Other	562,000.00	527,000.00	182,849.97
		Total gifts and contributions	4,962,000.00	4,927,000.00	5,877,649.17

No. 6.—*Estimated receipts, fiscal year 1929, compared with prior years*—Continued

SUMMARY BY SOURCES OF REVENUE, EXCLUSIVE OF POSTAL REVENUES—Continued

Reference to statement No.	Page	Source of revenue	Receipts: Estimated, 1929	Estimated, 1928	Actual, 1927
1	A15	3. Miscellaneous receipts—Continued.			
		10. Miscellaneous unclassified receipts	$774, 211. 00	$772, 157. 00	$7, 475, 571. 15
		11. Army and Navy miscellaneous collections	1, 653, 021. 00	1, 417, 923. 00	1, 271, 131. 68
		12. Repayments of investments—			
		1. Principal of unfunded loans made to foreign governments		12, 533, 112. 00	10, 008, 382. 81
		2. Repayment of principal of loans to railroads	21, 280, 329. 00	160, 476, 486. 00	69, 708, 400. 42
		3. Liquidation of capital stock, Federal land banks	274, 000. 00	150, 000. 00	338, 432. 00
		4. Sale of farm loan bonds			60, 495, 000. 00
		5. Return of advances made to reclamation fund	1, 000, 000. 00	1, 000, 000. 00	1, 000, 000. 00
		6. Principal of loans made by Housing Corporation	10, 000. 00		843, 945. 51
		7. Principal of bonds of foreign governments under funding agreements	38, 747, 660. 00	36, 143, 927. 00	35, 691, 190. 00
		Total repayments of investments	61, 311, 989. 00	210, 303, 525. 00	178, 085, 350. 74
		13. Assessments and reimbursements—			
		1. Salaries and expenses, national-bank examiners	2, 300. 000. 00	2, 300, 000. 00	2, 451, 008. 90
		2. Expenses of redeeming national currency	517, 960. 00	513, 932. 00	546, 528. 74
		3. Reclamation	6, 000, 000. 00	6, 000, 000. 00	3, 762, 287. 26
		4. Work done for individuals, corporations, et al	219, 500. 00	194, 500. 00	145, 000. 84
		5. Assessments on Federal reserve banks and Federal intermediary credit and land banks	3, 533, 201. 00	3, 380, 000. 00	2, 937, 877. 18
		6. Payment by German Government under terms of the armistice	13, 101, 895. 00	13, 101, 895. 00	8, 919, 849. 17
		7. Settlement of claims, War and Navy Departments	50, 000. 00	50, 000. 00	312, 075. 88
		8. Payment for quarters, subsistence, laundry, etc., Veterans' Bureau			468, 307. 75
		10. Other	1, 900. 510. 00	1, 930, 606. 00	2, 362, 619. 19
		Total assessments and reimbursements	27, 623, 066. 00	27, 470, 933. 00	21, 905, 554. 91
3	A47	14. District of Columbia—			
		1. Revenues of the District of Columbia	30, 406. 000. 00	29, 706, 000. 00	27, 868, 420. 11
		2. United States receipts, District of Columbia sources			146, 500. 42
		Total, District of Columbia	30, 406, 000. 00	29, 706, 000. 00	28, 014, 920. 53
		15. Trust-fund receipts—			
		1. Government life-insurance fund—			
		1. Premiums on converted insurance	51, 788, 447. 00	52, 900, 000. 00	52, 513, 000. 00
		2. Interest	13, 659, 553. 00	11, 498, 350. 00	8, 788, 000. 86
		3. Other	9, 052, 000. 00	8, 066, 650. 00	4, 545, 077. 54
		Total, Government life-insurance fund	74, 500. 000. 00	72, 465, 000. 00	65, 846, 078. 40
		2. Soldiers' Home permanent fund	550, 000. 00	552, 000. 00	546, 355. 20
		3. Army, Navy, and Marine Corps deposit funds	1, 500, 000. 00	1, 500, 000. 00	1, 190, 684. 96
		4. Indian moneys—			
		1. Proceeds of labor	2, 500, 000. 00	2, 500, 000. 00	2, 682, 492. 72
		2. Proceeds of sale of Indian lands and timber	21, 500, 000. 00	21, 500, 000. 00	21, 299, 230. 64
		Total Indian moneys	24, 000, 000. 00	24, 000, 000. 00	23, 981, 723. 36
		5. General Railroad contingent fund	500, 000. 00	500, 000. 00	870, 677. 84
		6. Miscellaneous trust funds	312, 200. 00	315, 216. 00	324, 766. 97
3	A48	7. District of Columbia trust funds	2, 675, 000. 00	2, 439, 000. 00	2, 670, 766. 74
		Total trust-fund receipts	104, 037, 200. 00	101, 771, 216. 00	95, 431, 053. 47
					653, 712, 806. 96
		Deduct excess of receipts by warrant over cash receipts			767, 308. 89
		Total miscellaneous receipts	501, 952. 314. 00	670, 053, 091. 00	654, 480, 115. 85
1, 3	A15 A48	Total ordinary receipts, exclusive of postal revenues	3, 809, 497, 314. 00	4, 075, 598, 091. 00	4, 129, 394, 441. 10

Budget Statement No. 7

POST OFFICE DEPARTMENT AND POSTAL SERVICE

Estimated expenditures, fiscal year 1929, compared with prior years, detail statement by activities, etc.

	Estimated, 1929	Estimated, 1928	Expended and obligated, 1927 (partly estimated)
A. Post Office Department proper:			
1. Salaries, Post Office Department—			
Office of the Postmaster General	$208, 810. 00	$207, 010. 00	$202, 702. 42
Post Office Department Buildings	240, 842. 00	233, 042. 00	225, 168. 85
Office of the First Assistant	430, 420. 00	416, 590. 00	404, 032. 90
Office of the Second Assistant	294, 250. 00	288, 330. 00	283, 900. 16
Office of the Third Assistant	710, 010. 00	693, 670. 00	677, 485. 87
Office of the Fourth Assistant	407, 530. 00	392, 250. 00	373, 133. 34
Office of the Solicitor	61, 560. 00	59, 660. 00	55, 731. 34
Office of the Chief Inspector	166, 090. 00	159, 520. 00	148, 219. 93
Office of the Purchasing Agent	35, 210. 00	34, 170. 00	32, 858. 05
Bureau of Accounts	40, 170. 00	39, 350. 00	37, 756. 13
Total, Salaries, Post Office Department	2, 594. 892. 00	2, 523, 592. 00	2, 440, 988. 99
2. Contingent expenses—			
1. Stationery	22, 000. 00	22, 000. 00	20, 943. 33
2. Fuel, repairs, etc	53, 000. 00	53, 000. 00	52, 956. 74
3. Telegraphing	6, 500. 00	6, 500. 00	5, 607. 18
4. Miscellaneous items	58, 500. 00	54, 000. 00	51, 909. 09
5. Furniture and filing cabinets	8, 000. 00	8, 000. 00	7, 453. 63
Total, contingent expenses	148, 000. 00	143, 500. 00	138, 869. 97
3. Printing and binding, Post Office Department	1, 150, 000. 00	1, 150, 000. 00	1, 119, 481. 56
4. Heat, light, and power, Post Office Department Building, Washington, D. C	47, 000. 00	47, 000. 00	46, 615. 50
5. Claims for damages, Post Office Department			9, 985, 44
Total, Post Office Department proper	3, 939, 892. 00	3, 864, 092. 00	3, 755, 941. 46
B. Postal Service:			
1. General undistributed—			
1. Electric power, light, etc	8, 000. 00	8, 000. 00	6, 653. 68
2. Travel expenses, Postmaster General and Assistant Postmasters General	5, 200. 00	4, 300. 00	2, 116. 01
Total, general undistributed	13, 200. 00	12, 300. 00	8, 769. 69
2. Inspection service, post-office inspectors	2, 849, 800. 00	2, 796, 935. 00	2, 671, 015. 00
3. Post offices:			
1. Compensation to postmasters	52, 000, 000. 00	51, 200, 000. 00	50, 550, 000. 00
2. Compensation to assistant postmasters	7, 250, 000. 00	7, 150, 000. 00	6, 970, 000. 00
3. Clerks (including temporary clerks and printers, mechanics and skilled laborers)	183, 300, 000. 00	175, 450, 000. 00	167, 798, 000. 00
4. Watchmen, messengers, and laborers	8, 750, 000. 00	8, 100, 000. 00	7, 634, 600. 00
5. Separating mails	540, 000. 00	500, 000. 00	480, 000. 00
6. Unusual conditions at post offices	125, 000. 00	100, 000. 00	100, 000. 00
7. City-delivery carriers (including temporary carriers)	126, 650, 000. 00	120, 500, 000. 00	113, 400, 000. 00
8. Vehicle service	19, 450, 000. 00	19, 000. 000. 00	17, 387, 278. 00
9. Car fare and bicycle allowance (includes special-delivery car fare)	1, 425, 000. 00	1, 300, 000. 00	1, 150, 000. 00
10. Special-delivery fees	8, 250, 000. 00	8, 000, 000. 00	7, 690, 000. 00
11. Rent, light, and fuel	18, 250, 000. 00	17, 800, 000. 00	16, 100, 000. 00
12. Miscellaneous items	1, 970, 000. 00	1, 750, 000. 00	1, 525, 000. 00
Total, post offices	427, 960, 000. 00	410, 850, 000. 00	390, 784, 878. 00
4. Domestic transportation service—			
1. Power-boat service—			
1. Power boats	1, 468, 000. 00	1, 410, 895. 00	1, 308, 791. 00
2. Airplane and airplane service	6, 000, 000. 00	2, 250, 000. 00	3, 630, 134. 50
Total, power-boat service	7, 468, 000. 00	3, 660, 895. 00	4, 938, 925. 50
2. Railroad transportation and mail-messenger service	111, 500, 000. 00	109, 469, 950. 00	107, 133, 912. 80

POST OFFICE DEPARTMENT AND POSTAL SERVICE—Continued

No. 7.—*Estimated expenditures, fiscal year 1929, compared with prior years, detail statement by activities, etc.*—Contd.

	Estimated, 1929	Estimated, 1928	Expended and obligated, 1927 (partly estimated)
B. Postal Service—Continued.			
4. Domestic transportation service—Continued.			
3. Railway Mail Service—			
1. Salaries	$57, 000, 000. 00	$56, 750, 000. 00	$52, 987, 073. 90
2. Travel expenses and allowances	4, 225, 000. 00	3, 950, 000. 00	3, 883, 299. 29
3. Miscellaneous items	1, 325, 000. 00	1, 225, 000. 00	1, 096, 349. 81
Total, Railway Mail Service	62, 550, 000. 00	61, 925, 000. 00	57, 966, 723. 00
4. Electric and cable car service	730, 000. 00	711, 520. 00	688, 037. 00
Total, domestic transportation	182, 248, 000. 00	175, 767, 365. 00	170, 727, 598. 30
5. Foreign mail transportation service	9, 800, 000. 00	8, 700, 000. 00	7, 961, 144. 00
6. Balances due foreign countries	2, 200, 000. 00	1, 850, 000. 00	1, 430, 893. 00
7. Village Delivery Service	1, 680, 000. 00	1, 500, 000. 00	1, 510, 000. 00
8. Rural Delivery Service	106, 000, 000. 00	105, 245, 000. 00	104, 485, 151. 31
9. Star-route service—			
1. Alaska star-route service	155, 000. 00	148, 235. 00	131, 468. 00
2. Other star-route service	13, 600, 000. 00	13, 370, 000. 00	12, 847, 371. 68
Total, star-route service	13, 755, 000. 00	13, 518, 235. 00	12, 978, 839. 68
10. Manufacturing and repair operations—			
1. Manufacture of postage stamps and stamped paper	7, 950, 000. 00	7, 700, 000. 00	7, 470, 571. 71
2. Mail bags and equipment	2, 400, 000. 00	1, 980, 000. 00	1, 446, 348. 59
Total, manufacturing and repair operations	10, 350, 000. 00	9, 680, 000. 00	8, 916, 920. 30
11. Losses and indemnities—			
1. Losses by fire, burglary, etc	70, 000. 00	70, 000. 00	50, 697. 41
2. Indemnities, domestic mail	2, 600, 000. 00	2, 522, 000. 00	2, 350, 000. 00
3. Indemnities, international mail	50, 000. 00	47, 000. 00	42, 000. 00
4. Personal or proprty damage claims	10, 000. 00	10, 000. 00	9, 762. 81
Total, losses and indemnities	2, 730, 000. 00	2, 649, 000. 00	2, 452, 460. 22
12. Miscellaneous—			
1. Payment of rewards	45, 000. 00	45, 000. 00	63, 240. 00
2. Unpaid money orders more than one year old	150, 000. 00	150, 000. 00	127, 191. 10
3. Other miscellaneous items—			
1. Stationery	775, 000. 00	722, 000. 00	694, 207. 77
2. Twine and tying devices	500, 000. 00	457, 500. 00	426, 182. 63
3. Post-office equipment and supplies (including office appliances)	1, 525, 000. 00	1, 475, 300. 00	1, 461, 808. 07
4. Shipment of supplies	70, 000. 00	67, 250. 00	62, 723. 31
5. Distribution of stamped envelopes	23, 650. 00	23, 550. 00	23, 350. 00
6. Labor-saving devices	700, 000. 00	575, 000. 00	556, 963. 85
7. Pneumatic tube service	554, 000. 00	550, 373. 00	550, 240. 07
8. Rewards to postal employees for inventions	1, 500. 00	1, 500. 00	100. 00
9. Freight, express, or motor transportation of equipment, etc	400, 000. 00	370, 000. 00	387, 086. 95
Total, other miscellaneous items	4, 549, 150. 00	4, 242, 473. 00	4, 162, 662. 65
Total, miscellaneous	4, 744, 150. 00	4, 437, 473. 00	4, 353, 093. 75
Total, Postal Service	764, 330, 150. 00	737, 006, 308. 00	708, 280, 763. 25
Total expenditures, Postal Service and Post Office Department, including deficiencies payable from Treasury	768, 270, 042. 00	740, 870, 400. 00	712, 036, 704. 71

POST OFFICE DEPARTMENT AND POSTAL SERVICE—Continued

No. 7.—*Estimated expenditures, fiscal year 1929, compared with prior years, detail statement by activities, etc.*—Contd.

	Estimated, 1929	Estimated, 1928	Expended and obligated, 1927 (partly estimated)
C. Postal Service receipts:			
1. Sale of postage stamps and other stamped paper	$627, 000, 000. 00	$591, 450, 000. 00	$568, 511. 985. 66
2. Second-class postage paid in money	36, 300, 000. 00	34, 225, 000. 00	32, 883, 912. 32
3. First, second, third, and fourth class postage paid in money under permit	59, 000, 000. 00	55, 625, 000. 00	53, 503, 184. 11
4. Box rents	9, 200, 000. 00	8, 700, 000. 00	8, 368, 646. 00
5. Foreign mail transit service	400, 000. 00	400, 000. 00	393, 656. 30
6. Fines and penalties	150, 000. 00	150, 000. 00	147, 437. 18
7. Dead letters	150, 000. 00	150, 000. 00	149, 116. 36
8. Revenues from money-order business	17, 800, 000. 00	16, 800, 000. 00	16, 136, 133. 56
9. Unpaid money orders more than one year old	850, 000. 00	850, 000. 00	848, 754. 36
10. Interest and profits, Postal Savings System	1, 500, 000. 00	1, 500, 000. 00	1, 533, 904. 14
11. Miscellaneous sales of Government property and other miscellaneous receipts	650, 000. 00	650, 000. 00	645, 258. 67
Total receipts	753, 000, 000. 00	710, 500, 000. 00	683, 121, 988. 66
D. Excess of expenditures over receipts			28, 914, 716. 05
Less unliquidated obligations of 1927			19, 135, 357. 95
Excess of 1927 disbursements over 1927 receipts			9, 779, 358. 10
Plus expenditures pertaining to prior years:			
1926			20, 430, 990. 21
1925			707, 312. 95
1924 and prior			588, 539. 28
			31, 506, 200. 54
Less adjustment to Treasury statement basis			4, 243, 009. 42
Deficiency in postal revenues	15, 270, 042. 00	30, 370, 400. 00	27, 263, 191. 12

BUDGET STATEMENT NO. 8

OPERATIONS OF THE PANAMA CANAL AND PANAMA CANAL ZONE

Estimated receipts and expenditures, fiscal year 1929, compared with prior years, detail statement of operations

	Estimated, 1929	Estimated, 1928	Actual, 1927
I. GROSS EXPENDITURES FOR ALL PURPOSES			
1. For maintenance and operation, Panama Canal	$14, 912, 746. 00	$16, 587, 625. 00	$14, 826, 111. 96
2. For capital construction, Panama Canal	850, 000. 00	1, 235, 330. 00	1, 324, 417. 68
Total	15, 762, 746. 00	17, 822, 955. 00	16, 150, 529. 64
3. For sanitation, Canal Zone	1, 493, 698. 00	1, 491, 148. 00	1, 481, 170. 76
4. For civil government, Panama Canal and Canal Zone	1, 210, 632. 00	1, 167, 932. 00	1, 066, 057. 76
Total gross expenditures	18, 467, 076. 00	20, 482, 035. 00	18, 697, 758. 16
II. GROSS RECEIPTS FROM ALL SOURCES			
1. Receipts repayable to appropriation for maintenance and operation, Panama Canal:			
(a) For proportion of administration, accounting, engineering, and general expense	477, 844. 00	477, 681. 00	509, 061. 63
(b) For pilotage, wharfage, salvage, tug, and other maritime services performed by Marine Division	1, 179, 995. 00	1, 167, 448. 00	1, 191, 054. 80
(c) For electric current and installations, including maintenance of Panama Railroad, telephone, telegraph, and signal systems	664, 448. 00	657, 142. 00	614, 376. 36
(d) For sale of water and for municipal engineering services, including operation and maintenance of water works, sewers, and pavements, Panama and Colon	650, 117. 00	650, 069. 00	719, 466. 18
(e) For services of Mechanical Division, including dry dockage	1, 880, 590. 00	1, 741, 970. 00	2, 061, 082. 08
(f) For sale of material and supplies, including products of Panama Canal Press, and pumping fuel oil	2, 526, 673. 00	2, 522, 248. 00	2, 698, 807. 77
(g) For motor transportation and repairs	210, 767. 00	207, 267. 00	209, 577. 84
(h) For building repairs and construction	369, 159. 00	548, 675. 00	643, 812. 42
(i) For rental of quarters, offices, buildings, and lands, including Hotel Tivoli revenue	951, 453. 00	951, 453. 00	947, 664. 93
(j) For fortifications work performed for the United States Army	522, 500. 00	522, 500. 00	148, 477. 55
Total commercial receipts	9, 433, 546. 00	9, 446, 453. 00	9, 743, 381. 56
Less profits transferred to miscellaneous receipts	650, 000. 00	650, 000. 00	820, 669. 15
Net repayable to appropriation	8, 783, 546. 00	8, 796, 453. 00	8, 922, 712. 41
2. Receipts repayable to appropriation for sanitation, Canal Zone	823, 698. 00	820, 793. 77	811, 221. 88
3. Receipts repayable to appropriation for civil government, Panama Canal and Canal Zone	67, 632. 00	67, 053. 83	65, 382. 45
Total repayable to appropriations	9, 674, 876. 00	9, 684, 300. 60	9, 799, 316. 74
4. Revenue for deposit to miscellaneous receipts, United States Treasury:			
(a) Tolls	24, 000, 000. 00	24, 000, 000. 00	24, 217, 185. 32
(b) Interest, taxes, court fees, and fines	75, 000. 00	75, 000. 00	77, 356. 25
(c) Postal receipts	150, 000. 00	150, 000. 00	146, 099. 74
(d) Amortization and interest, public works, Panama	125, 000. 00	125, 000. 00	129, 374. 64
(e) Business profits	650, 000. 00	650, 000. 00	785, 238. 42
(f) Sale of Government property			167, 970. 28
(g) Miscellaneous			197. 23
Total	25, 000, 000. 00	25, 000, 000. 00	25, 523, 421. 88
5. From annual appropriations:			
(a) Maintenance and operation, Panama Canal	6, 847, 000. 00	5, 830, 000. 00	5, 986, 094. 00
(b) Sanitation, Canal Zone, Panama Canal	670, 000. 00	670, 000. 00	670, 000. 00
(c) Civil government, Panama Canal and Canal Zone	1, 143, 000. 00	1, 100, 000. 00	999, 980. 00
Total	8, 660, 000. 00	7, 600, 000. 00	7, 656, 074. 00
6. From unexpended balances:			
(a) Savings from 1925			258, 440. 00
(b) Savings from 1926		342, 189. 00	1, 380, 096. 69
(c) Savings from 1927	190, 000. 00	830, 718. 93	(1, 020, 718. 93)
Total	190, 000. 00	1, 172, 907. 93	617, 817. 76

OPERATIONS OF THE PANAMA CANAL AND PANAMA CANAL ZONE—Continued

No. 8.—*Estimated receipts and expenditures, fiscal year 1929, compared with prior years, detail statement of operations*—Continued

	Estimated, 1929	Estimated, 1928	Actual, 1927
7. From Panama Canal reserve fund:			
(*a*) Reserves released to supplement appropriations	$400,000.00	$742,626.47	$1,100,000.00
(*b*) Difference between reserve accruals and charges	(457,800.00)	1,282,200.00	(475,450.34)
(*c*) Fluctuation in working capital investments			(247,729.90)
(*d*) Reserve released to cover deposit to surplus fund			127.36
Total	(57,800.00)	2,024,826.47	[1] 376,947.12
III. RECAPITULATION OF RECEIPTS			
1. Collections repayable to maintenance and operations	8,783,546.00	8,796,453.00	8,922,712.41
2. Collections repayable to sanitation	823,698.00	820,793.77	811,221.88
3. Collections repayable to civil government	67,632.00	67,053.83	65,382.45
4. Collections for account miscellaneous receipts, United States Treasury	25,000,000.00	25,000,000.00	25,523,421.88
5. From annual appropriations	8,660,000.00	7,600,000.00	7,656,074.00
6. From unexpended balances	190,000.00	1,172,907.93	617,817.76
7. From Panama Canal reserve fund	(57,800.00)	2,024,826.47	376,947.12
Gross receipts, all sources	43,467,076.00	45,482,035.00	43,973,577.50
IV. DISPOSITION OF GROSS RECEIPTS			
1. Expended:			
(*a*) Through United States Treasury	8,792,200.00	10,797,734.40	7,602,346.76
(*b*) Outside United States Treasury—			
1. Collections repayable to appropriations	9,674,876.00	9,684,300.60	9,799,316.74
2. Reduction fiscal officers' cash balance			1,048,492.12
Total	18,667,076.00	20,482,035.00	[2] 18,450,155.62
2. Deposited to miscellaneous receipts, United States Treasury	25,000,000.00	25,000,000.00	25,523,421.88
Gross receipts, all sources	43,467,076.00	45,482,035.00	43,973,577.50

[1] Adjustment of $8,000 retirement fund not included.

[2] The difference between the $18,450,155.62 disbursements in 1927 and the $18,697,758.16 gross expenditures under Caption I, amounting to $247,602.44, is caused by the liquidation of working capital investments; Caption II, No. 7, item (*c*), amounting to $247,729.90; and item (*d*), $127.36, representing unexpended balance of increase of compensation appropriation returned to surplus fund, United States Treasury.

NOTE.—Figures in parentheses denote increases in reserve fund.

Budget Statement No. 9

OPERATIONS OF THE UNITED STATES SHIPPING BOARD AND MERCHANT FLEET CORPORATION

Estimated receipts and expenditures, fiscal year 1929, compared with prior years, detail statement of operations

	Estimated, 1929	Estimated, 1928	Actual, 1927
I. Expenditures for all purposes:			
1. Salaries and expenses, Shipping Board	$285, 000. 00	$285, 000. 00	$286, 851. 94
2. From—			
(a) Amount provided to cover obligation incurred prior to July 1			
(b) Amount appropriated for operating deficiency	115, 000, 000. 00	110, 000, 000. 00	115, 159, 685. 37
(c) Income during year from operations of ships			
(d) From proceeds of sales provided to meet cost of liquidation	2, 250, 000. 00	2, 900, 000. 00	3, 923, 099. 68
3. Special claim appropriation (appropriation act 1923)	565, 000. 00	865, 000. 00	1, 890, 130. 97
4. Construction loan fund	3, 000, 000. 00	3, 000, 000. 00	3, 683, 198. 67
4A. Transferred to miscellaneous receipts—Construction loan fund	3, 000, 000. 00	4, 100, 000. 00	19, 363, 119. 19
5. Diesel fund	2, 500, 000. 00	3, 500, 000. 00	5, 231, 673. 01
Total all expenditures	126, 600, 000. 00	124, 650, 000. 00	149, 537, 758. 83
Total expenditures not made through United States Treasury	69, 600, 000. 00	67, 150, 000. 00	81, 526, 952. 77
Total expenditures made through United States Treasury	57, 000, 000. 00	57, 500, 000. 00	68, 010, 806. 06
II. Receipts from all sources:			
1. From operating income, vessels	86, 500, 000. 00	80, 000, 000. 00	90, 599, 111. 93
2. From other operations	1, 000, 000. 00	1, 000, 000. 00	1, 114, 790. 85
3. From sales	5, 200, 000. 00	7, 100, 000. 00	6, 090, 810. 26
4. From repayments and interest on loans and construction loan securities	1, 600, 000. 00	1, 300, 000. 00	1, 684, 707. 13
5. From all other sources	8, 000, 000. 00	10, 000, 000. 00	[1] 11, 756, 087. 96
Total receipts all sources	102, 300, 000. 00	99, 400, 000. 00	[1] 111, 245, 508. 13
III. Receipts deposited in the United States Treasury (included in II):			
1. (g) Proceeds, Government-owned securities—all other, principal and interest—repayments of principal and interest on loans and construction loan fund securities, credited to miscellaneous receipts of the Treasury either by direct deposits or by transfer from disbursing accounts in the Treasury	----------	----------	[2] 2, 659, 995. 66
(k) Receipts from miscellaneous sources credited direct to appropriations; judgments and others	----------	----------	1, 618, 488. 27
(l) Other miscellaneous receipts—			
Receipts from sales credited to miscellaneous receipts of the Treasury either by direct deposit or by transfer from disbursing accounts, section 11, merchant marine act	3, 000, 000. 00	4, 500, 000. 00	[3] 6, 300, 252. 06
Total credited to miscellaneous receipts of the Treasury	3, 000, 000. 00	4, 500, 000. 00	[1] 2, 085, 663. 25
2. Total receipts of fiscal year deposited in Treasury to credit of disbursing accounts reduced by transfers to credit of miscellaneous receipts of the Treasury	39, 000, 000. 00	36, 300, 000. 00	44, 736, 116. 87
3. Total fiscal year receipts deposited in Treasury	42, 000, 000. 00	40, 800, 000. 00	[1] 46, 821, 780. 12
IV. Total expended through United States Treasury (1)	57, 000, 000. 00	57, 500, 000. 00	68, 010, 806. 06
Deduct deposits to credit of disbursing accounts, less transfers (III–2)	39, 300, 000. 00	36, 300, 000. 00	44, 736, 116. 87
Total net expenditures (i)	17, 700, 000. 00	21, 200, 000. 00	[4] 23, 274, 689. 19

	1927	1926
V. Miscellaneous information:		
(a) Balances June 30 in special funds of United States Shipping Board and Merchant Fleet Corporation—		
(1) Construction loan fund	$75, 203, 465. 77	$66, 445, 349. 26
(2) Shipping fund—		
Insurance	10, 493, 617. 14	11, 806, 354. 04
Other	27, 400, 451. 10	29, 809, 080. 38
(3) Claims and settlement fund	1, 927, 767. 12	3, 570, 237. 96
(4) Liquidation fund	220, 782. 77	5, 013, 160. 12
(5) Deiselization fund	1, 824, 722. 15	5, 231, 417. 57
(6) Repossessed ship and trade routes fund	10, 000, 000. 00	----------
(7) Salaries and expenses, Shipping Board fund	74, 669. 60	153, 461. 47
Total	127, 145, 475. 65	122, 029, 160. 80
Balance on deposit in United States Treasury	112, 684, 042. 23	105, 951, 194. 96
Balance outside United States Treasury	14, 461, 433. 42	16, 077, 865. 84
(b) Outstanding loans, June 30, 1927 (not included in a–1 above)	9, 550, 801. 66	6, 910, 000. 33
(c) Expenditures from annual appropriations provided by Congress	14, 198. 574. 00	24, 319, 688. 31

[1] Includes $625,772.72 deposited directly to credit of miscellaneous receipts of the United States Treasury not included in Shipping Board accounts.

[2] $2,288,106.00 } Deposited in United States Treasury July 1, 1927, and not credited to miscellaneous receipts fiscal year 1927 in Daily Treasury Statement.
[3] $6,204,966.74 }

[4] Expenditures as per United States Shipping Board and Merchant Fleet Corporation statement ---------- $23,274,689.19
Deduct net amount of items increasing expenditure reaching Treasury July 1, 1927, not included as fiscal year 1927 expenditures in Daily Treasury Statement ---------- 4,263,292.08

Expenditures as per United States Treasury Daily Statement ---------- 19,011,397.11

BUDGET STATEMENT NO. 10

Summary statements of various accounts, funds, and authorizations

ALIEN PROPERTY CUSTODIAN

	Cash			Estimated value of assets other than cash		
	Received	Expended	Balance	Received	Returned in kind	Remaining on hand
ALIEN PROPERTY CUSTODIAN TRUST PROPERTY (Act Oct. 6, 1917)						
Total to June 30, 1926	$323,975,000	$143,400,000	$180,575,000	$261,225,000	$179,400,000	$81,825,000
Total to June 30, 1927	342,360,000	159,030,000	183,330,000	266,400,000	186,835,000	79,565,000
Total to June 30, 1928 (estimated)	357,500,000	170,000,000	187,500,000	269,500,000	192,000,000	77,500,000
Total to June 30, 1929 (estimated)	372,500,000	181,000,000	191,500,000	272,000,000	197,000,000	75,000,000

UNITED STATES EMPLOYEES' COMPENSATION COMMISSION

	Receipts		Total available	Expenditures			Estimated value all assets, exclusive of cash balance
	Advances from appropriations	All other		Total expended	Deposited to credit miscellaneous receipts and repayment of appropriations	Cash balance	
UNITED STATES EMPLOYEES' COMPENSATION FUND (Act Sept. 7, 1916)							
Accumulated total:							
June 30, 1926	$19,175,000.00	$280,332.29	$19,527,569.94	$19,527,569.94		$223.13	
June 30, 1927	22,000,000.00	308,395.63	22,308,618.66	22,278,654.61		29,964.05	
Estimated, June 30, 1928	25,275,000.00	348,395.53	25,653,359.58	25,653,359.58			
Estimated, June 30, 1929	28,475,000.00	388,395.53	28,863,395.53	28,863,395.53			

FEDERAL POWER COMMISSION

	Receipts					Distribution, available for disbursement through—				Available for deposit to credit of miscellaneous receipts
	For use of Indian lands	For use of public lands and national forests	For use of Government dams	For reimbursing costs of administration	Total	Indian funds	Reclamation fund	Indefinite appropriation, maintenance and operation of dams, etc. (War Department)	Payments to States under the Federal water power act: Special funds	
FEDERAL POWER COMMISSION (Act June 10, 1920)										
Accumulated total:										
June 30, 1926	$5,497.97	$36,312.21	$107,414.00	$317,432.67	$466,656.85	$5,497.97	$18,156.11	$212,423.34	$13,617.06	$216,962.37
June 30, 1927	7,036.59	62,884.77	211,447.50	472,006.81	753,375.67	7,036.59	31,442.39	341,727.16	23,581.77	349,587.76
Estimated June 30, 1928	8,811.59	84,852.77	315,481.00	651,705.31	1,060,850.67	8,811.59	42,426.39	483,593.16	31,819.77	494,199.76
Estimated, June 30, 1929	10,586.59	117,502.77	423,914.50	850,521.81	1,402,525.67	10,586.59	58,751.39	637,218.16	44,063.52	651,906.01

No. 10.—*Summary statements of various accounts, funds, and authorizations*—Continued

UNITED STATES GRAIN CORPORATION

	Receipts		Total available	Expenditures			Estimated value all assets, exclusive of cash balance
	Advances from appropriations	All other		Total expended	Deposited to credit miscellaneous receipts and repayment of appropriations	Cash balance	
UNITED STATES GRAIN CORPORATION (Act Mar. 4, 1919)							
Status July 1, 1919	[1]($150,000,000.00)					$97,952,315.31	$69,838,240.40
Fiscal year 1920	350,000,000.00	$1,037,210,018.32	$1,485,005,249.63	$1,004,807,808.19	$350,000,000.00	130,197,441.44	29,548,244.88
Status June 30, 1926						[2] 225,535.33	
Status June 30, 1927						[2] 140,798.94	
UNITED STATES HOUSING CORPORATION (Acts May 16, 1918; June 4, 1918)							
Accumulated total:							
June 30, 1926	74,472,767.86	36,326,078.66	110,798,846.52	78,445,822.17	31,737,872.49	615,151.86	7,091,537.23
June 30, 1927	74,945,021.73	39,059,864.38	114,004,886.11	78,933,474.76	34,469,047.63	602,363.72	5,132,808.76
Estimated, June 30, 1928	75,428,121.73	41,120,864.38	116,548,986.11	79,416,574.76	36,530,047.63	602,363.72	3,718,192.71
Estimated, June 30, 1929	75,898,121.73	43,048,864.38	118,946,986.11	79,886,574.76	38,458,047.63	602,363.72	2,349,512.63

[1] Succeeded United States Food Administration Grain Corporation, July 1, 1919; $150,000,000 capital stock owned by United States.

[2] Total deposited in United States Treasury to date, $538,937,791.41 ($482,078,988.55 in cash and $56,858,802.49 in obligations of foreign governments). Cash balance not deposited in United States Treasury.

PERRY'S VICTORY MEMORIAL COMMISSION

	Receipts (other than from appropriations)	Total available	Expenditures	
			Total expended	Cash balance
PERRY'S VICTORY MEMORIAL COMMISSION FUND (Act Mar. 3, 1919)				
Status Dec. 1, 1926				$2,616.44
Fiscal year ending Dec. 1, 1927	$9,191.40	$11,807.84	$10,016.45	1,791.39
Fiscal year ending Dec. 1, 1928 (estimated)	10,366.00	12,157.39	9,000.00	3,157.39
Fiscal year ending Dec. 1, 1929 (estimated)	10,366.00	13,523.39	9,000.00	4,523.32

No. 10.—*Summary statements of various accounts, funds, and authorizations*—Continued

RAILROADS

	Receipts		Total available	Expenditures			Estimated value all assets, exclusive of cash balance
	Advances from appropriations	All other		Total expended	Deposited to credit miscellaneous receipts and repayment of appropriations	Cash balance	
UNITED STATES RAILROAD ADMINISTRATION							
(Acts Mar. 21, 1918, as amended—Federal control act; and Feb. 28, 1920, as amended—transportation act)							
Accumulated total:							
June 30, 1926	$2,106,264,572.56	$2,317,477,760.69	$4,423,742,333.25	$3,557,564,086.45	$821,047,334.59	$45,130,912.21	$121,841,151.74
June 30, 1927 (estimated)	2,106,264,572.56	2,374,715,656.93	4,480,980,229.49	3,559,095,286.76	876,787,119.64	45,097,823.09	86,890,254.71
June 30, 1928 (estimated)	2,107,814,572.56	2,454,692,704.93	4,562,507,277.49	3,560,645,286.76	956,749,167.64	45,112,823.09	7,776,364.43
TRANSACTIONS OF THE INTERSTATE COMMERCE COMMISSION UNDER THE TRANSPORTATION ACT, 1920							
Accumulated total:							
June 30, 1926—							
Sec. 210	260,000,000.00	241,852,945.77	501,852,945.77	350,600,667.00	151,252,278.77		170,746,278.77
Sec. 209	529,678,719.42		529,678,719.42	529,678,719.42			
Sec. 204	10,127,563.80		10,127,563.80	10,127,563.80			
Total	799,806,283.22	241,852,945.77	1,041,659,228.99	890,406,950.22	151,252,278.77		170,746,278.77
June 30, 1927—							
Sec. 210	260,000,000.00	276,573,528.52	536,573,528.52	350,600,667.00	185,972,861.52		146,380,885.05
Sec. 209	529,892,619.41		529,892,619.41	529,892,619.41			
Sec. 204	10,297,130.86		10,297,130.86	10,297,130.86			
Total	800,189,750.27	276,573,528.52	1,076,763,278.79	890,790,417.27	185,972,861.52		146,380,885.05
Estimated, June 30, 1928—							
Sec. 210	260,000,000.00	332,787,128.52	592,787,128.52	350,600,667.00	242,186,461.52		97,867,285.05
Sec. 209	530,722,619.41		530,722,619.41	530,722,619.41			
Sec. 204	11,297,130.86		11,297,130.86	11,297,130.86			
Total	802,019,750.27	332,787,128.52	1,134,806,878.79	892,620,417.27	242,186,461.52		97,867,285.05
Estimated, June 30, 1929—							
Sec. 210	260,000,000.00	377,473,152.52	637,473,152.52	350,600,667.00	286,872,485.52		58,481,261.05
Sec. 209	530,722,619.41		530,722,619.41	530,722,619.41			
Sec. 204	11,297,130.86		11,297,130.86	11,297,130.86			
Total	802,019,750.27	377,473,152.52	1,179,492,902.79	892,620,417.27	286,872,485.52		58,481,261.05

	Receipts (other than from appropriations)	Total available	Expenditures		Estimated value all assets, exclusive of cash balance
			Total expended	Cash balance	
TRANSACTIONS OF THE INTERSTATE COMMERCE COMMISSION UNDER SECTION 15a, INTERSTATE COMMERCE ACT					
(General Railroad Contingent Fund)					
Accumulated total:					
June 30, 1926	$7,008,583.36	$7,008,583.36	$7,008,540.75	$42.61	$7,008,583.36
June 30, 1927	7,860,526.24	7,860,526.24	7,860,526.24	68.60	7,860,526.24
June 30, 1928 (estimated)	8,760,526.24	8,760,526.24	8,760,526.24		8,760,526.24
June 30, 1929 (estimated)	9,660,526.24	9,660,526.24	9,660,526.24		9,660,526.24

No. 10.—*Summary statements of various accounts, funds, and authorizations*—Continued

SMITHSONIAN INSTITUTION

	Receipts, including sale of securities, etc.	Total available	Expenditures		Estimated value all assets, exclusive of cash balance
			Total expended including purchase securities, etc.	Cash balance	
SMITHSONIAN INSTITUTION FUND (Act 1846)					
Status June 30, 1926				[1] $134,889.40	$5,049,382.69
Fiscal year 1927	$2,017,786.10	$2,152,675.50	[2] $1,949,848.01	[1] 202,827.49	[3] 5,557,160.36

[1] General fund	$7,451.41	$15,324.93
Special fund	127,437.99	187,502.56
Total	134,889.40	202,827.49
[2] For general purposes		$57,518.69
For purposes specified by donors, including investments made		1,892,329.32
Total		1,949,848.01
[3] Present Smithsonian fund		$727,640.00
Other bequests		272,360.00
Total (deposited in U. S. Treasury at 6 per cent interest. Income largely available for general purposes)		1,000,000.00
Other bequests (invested funds. Income restricted to purposes specified by donors)		4,557,160.36
Total		5,557,160.36

WAR FINANCE CORPORATION

	Receipts		Total available	Expenditures			Estimated value all assets, exclusive of cash balance
	Advances from appropriations	All other		Total expended	Deposited to credit miscellaneous receipts and repayment of appropriations	Cash balance	
WAR FINANCE CORPORATION FUND (Acts May 5, 1918, and Aug. 24, 1921)							
Accumulated total:							
Nov. 30, 1926	$500,000,000.00	$3,829,129,807.34	$4,329,129,807.34	$3,792,250,944.35	$499,000,000.00	$37,878,862.99	$27,741,268.97
June 30, 1927						61,120,625.41	4,441,963.26
Estimated, June 30, 1928						63,628,687.51	1,577,501.16

UNITED STATES SHIPPING ROARD

	Receipts		Total available	Expenditures			Estimated value all assets, exclusive of cash balance
	Advances from appropriations	All other		Total expended	Deposited to credit miscellaneous receipts and repayment of appropriations	Cash balance (includes cash and unrequisitioned appropriations)	
UNITED STATES SHIPPING BOARD AND UNITED STATES SHIPPING BOARD MERCHANT FLEET CORPORATION (Acts Sept. 7, 1916; July 15, 1918; June 5, 1920; Mar. 4, 1921)							
Accumulated total:							
June 30, 1926	$3,627,377,206.44	$1,923,615,759.58	$5,550,992,966.02	$5,374,470,879.20	$54,493,026.02	$122,029,060.80	$170,418,910.60
June 30, 1927	3,651,640,771.82	2,034,237,490.14	5,685,878,261.96	5,504,155,489.75	54,577,296.56	127,145,475.65	173,600,000.00
June 30, 1928 (estimated)	3,668,930,771.82	2,144,237,490.14	5,813,168,261.96	5,634,553,980.80	54,614,281.16	124,000,000.00	164,300,000.00
June 30, 1929 (estimated)	3,695,930,771.82	2,256,237,490.14	5,952,168,261.96	5,767,548,261.96	54,620,000.00	130,000,000.00	146,900,000.00

No. 10.—*Summary statements of various accounts, funds, and authorizations*—Continued

UNITED STATES VETERANS' BUREAU

	Receipts		Total, including previous fiscal year balance	Expenditures	
	From appropriations	From interest		Certificate payments	Invested (cost)
ADJUSTED-SERVICE CERTIFICATE FUND (Act May 19, 1924)					
Total to June 30, 1926	$220,000,000.00	$3,876,975.34	$223,876,975.34	$19,976,975.34	$203,900,000.00
Total to June 30, 1927	336,000,000.00	11,565,173.56	347,565,173.56	34,384,758.66	313,180,414.90
1928 (estimated)	[1] 112,000,000.00	12,657,663.00		18,727,752.00	105,929,911.00
1929 (estimated)	112,000,000.00	16,879,877.00		19,265,270.00	109,614,607.00

	Receipts		Total available	Expenditures			Balance
	From premiums	From loans, interest, etc.		Dividends	Claims, loans, etc.	Investments	
GOVERNMENT LIFE INSURANCE FUND (Acts Dec. 24, 1919; Mar. 4, 1923; June 7, 1924)							
Total to June 30, 1926	$224,497,752.67	$20,634,860.04	$245,132,612.71	$11,094,035.25	$52,466,630.15	$181,003,689.49	$568,257.82
Total to June 30, 1927	276,923,840.61	36,047,953.08	312,971,793.69	14,594,703.78	68,108,714.46	[2] 228,976,295.73	1,292,078.90
1928 (estimated)	52,900,000.00	19,565,000.00		4,242,000.00	21,168,000.00	47,055,000.00	
1929 (estimated)	51,788,447.00	22,711,553.00		4,544,360.00	23,118,000.00	46,837,640.00	

[1] $112,000,000 available Jan. 1, 1928 (annual appropriation act, fiscal year 1928). [2] Includes $20,850,960.95 loaned on adjusted-service certificates.

DEPARTMENT OF AGRICULTURE

	Receipts		Total available	Expenditures			Estimated value all assets, exclusive of cash balance
	Advances from appropriations	All other		Total expended	Deposited to credit miscellaneous receipts and repayment of appropriations	Cash balance	
SEED GRAIN LOAN COLLECTIONS (Acts Mar. 3, 1921; Mar. 20, 1922; Apr. 26, 1924)							
Accumulated total:							
June 30, 1926	$3,851,497.04	$2,867,498.46	$6,718,994.50	$3,926,415.89	$2,788,961.65	$3,617.96	
June 30, 1927	3,851,497.04	2,910,365.75	6,761,862.79	3,926,415.89	2,834,061.65	1,385.25	

	Authorized amount available [1]	Appropriated amount available	Expended from appropriated funds
COOPERATIVE CONSTRUCTION OF RURAL POST ROADS (Act July 11, 1916)			
Accumulated total:			
June 30, 1926	$615,000,000.00	$516,200,000.00	$510,161,732.00
June 30, 1927	690,000,000.00	593,200,000.00	593,139,298.00
June 30, 1928	765,000,000.00	[2] 673,200,000.00	[2] 673,200,000.00
June 30, 1929	840,000,000.00	[2] 748,200,000.00	[2] 748,200,000.00

	Total authorized	Total appropriated	Total contributed	Total available	[4] Expended		Total
					From appropriated funds	From contributed funds	
FOREST-ROAD DEVELOPMENT AND HIGHWAYS (Act Nov. 9, 1921)							
Accumulated total:							
June 30, 1926	$58,000,000.00	$38,175,000.00	$14,418,962.00	$46,193,962.00	$30,577,885.00	$14,418,962.00	$44,996,847.00
June 30, 1927	58,000,000.00	44,675,000.00	15,611,956.00	52,386,956.00	39,059,020.00	15,611,956.00	54,670,976.00
June 30, 1928 (estimated)	58,000,000.00	52,355,000.00	16,200,000.00	60,875,000.00	46,559,020.00	16,200,000.00	62,759,020.00
June 30, 1929 (estimated)	58,000,000.00						

[1] Aggregate amount authorized to June 30, 1927, $840,000,000, covering period ending June 30, 1929. [2] Estimated.

No. 10.—*Summary statements of various accounts, funds, and authorizations*—Continued

INTERIOR DEPARTMENT

	Receipts (other than from appropriations)	Total available	Total expended	Deposited to credit miscellaneous receipts and repayment of appropriations	Cash balance
FREEDMEN'S HOSPITAL FUND					
(Act June 26, 1912, vol. 37, p. 172)					
Fiscal year 1927	$24,081.25		$22,755.99	$1,325.26	
Estimated, fiscal year 1928	22,000.00		22,000.00		
Estimated, fiscal year 1929	22,000.00		20,000.00	2,000.00	
GENERAL LAND OFFICE, SPECIAL FUNDS—DEPOSITS BY INDIVIDUALS FOR SURVEYING PUBLIC LANDS					
(U. S. C., p. 1022, sec. 711; p. 1381, secs. 759 and 761; p. 1391, sec. 887)					
Status June 30, 1926					$800,737.91
Fiscal year 1927	27,389.88	$828,127.79	20,638.51		799,489.28
Estimated, fiscal year 1928	35,000.00	834,489.28	32,000.00		802,489.28
Estimated, fiscal year 1929	35,000.00	837,489.28	32,000.00		805,489.28
GENERAL LAND OFFICE, SPECIAL FUNDS—PAYMENTS TO STATES FROM RECEIPTS UNDER MINERAL LEASING ACT					
(U. S. C., p. 966, sec. 191)					
Status June 30, 1926					3,172,540.99
Fiscal year 1927	2,498,689.58	5,671,230.57	3,172,540.99		2,498,689.58
Estimated, fiscal year 1928	2,400,000.00	4,898,689.58	2,498,689.58		2,400,000.00
Estimated, fiscal year 1929	2,250,000.00	4,650,000.00	2,400,000.00		2,250,000.00
GENERAL LAND OFFICE, SPECIAL FUNDS—COMPLETING SURVEYS WITHIN RAILROAD LAND GRANTS					
(U. S. C., p. 1394, sec. 908)					
Status June 30, 1926					23,596.94
Fiscal year 1927	10,000.00	33,596.94	6,336.26		27,260.68
Estimated, fiscal year 1928	5,000.00	32,260.68	6,293.00		25,967.68
Estimated, fiscal year 1929	5,000.00	30,967.68	6,500.00		24,467.68
PUBLIC SCHOOLS (ALASKA) FUND					
(Act Mar. 3, 1913)					
Status June 30, 1926					71,133.98
Fiscal year 1927	59,523.66	130,657.64	40,270.35		90,387.29
Estimated, fiscal year 1928	60,000.00	150,387.29	50,000.00		100,387.29
Estimated, fiscal year 1929	59,500.00	159,887.29	55,000.00		104,887.29
PENSION MONEY, ST. ELIZABETHS HOSPITAL					
(R. S., p. 928, sec. 4839; acts Feb. 20, 1905, vol. 33, p. 731; Feb. 2, 1909, vol. 35, p. 592)					
Status June 30, 1926					542,394.20
Fiscal year 1927	71,457.66	613,851.86	19,630.41		594,221.45
Estimated, fiscal year 1928	70,000.00	664,221.45	30,000.00		634,221.45
Estimated, fiscal year 1929	70,000.00	704,221.45	25,000.00		679,221.45
PERSONAL FUNDS OF PATIENTS, ST. ELIZABETHS HOSPITAL					
(R. S., p. 928, sec. 4839; acts Feb. 20, 1905, vol. 33, p. 731; Feb. 2, 1909, vol. 35, p. 592)					
Status June 30, 1926					229,761.07
Fiscal year 1927	152,771.39	382,532.46	209,355.80	483.45	172,693.21
Estimated, fiscal year 1928	195,000.00	367,693.21	193,748.30	1,251.70	172,693.21
Estimated, fiscal year 1929	160,000.00	332,693.21	190,000.00		142,693.21

No. 10.—*Summary statements of various accounts, funds, and authorizations*—Continued

INTERIOR DEPARTMENT—Continued

	Receipts		Total available	Expenditures			Estimated value all assets, exclusive of cash balance
	Advances from appropriations	All other		Total expended	Deposited to credit miscellaneous receipts and repayment of appropriations	Cash balance	
RECLAMATION FUND							
(Act June 17, 1902, vol. 32, p. 388, secs. 1–10, and acts amendatory thereof and supplementary thereto)							
Accumulated total:							
June 30, 1926	$156,470,741.91	$65,991,399.88	$222,462,141.79	$208,217,323.09	$6,000,000.00	$8,244,818.70	$127,980,000.00
June 30, 1927	160,588,251.42	71,554,609.42	232,142,860.84	215,650,476.40	7,000,000.00	9,492,384.44	120,000,000.00
June 30, 1928 (estimated)	164,454,251.42	77,554,609.42	242,008,860.84	228,650,476.40	8,000,000.00	5,358,384.44	130,000,000.00
June 30, 1929 (estimated)	168,325,551.42	83,554,609.42	251,880,160.84	239,650,476.40	9,000,000.00	3,229,684.44	138,000,000.00
MISCELLANEOUS TRUST FUNDS OF INDIAN TRIBES							
(Various treaties and acts)							
Status June 30, 1926						22,963,021.12	729,282,925.00
Fiscal year 1927		21,299,231.99	44,262,253.11	22,077,216.75		22,185,036.36	729,282,925.00
Estimated, fiscal year 1928		21,500,000.00	43,685,036.36	19,000,000.00		24,685,036.36	729,282,925.00
Estimated, fiscal year 1929		21,500,000.00	46,185,036.36	19,000,000.00		27,185,036.36	729,282,925.00
INDIAN MONEYS, PROCEEDS OF LABOR							
(Acts Mar. 3, 1883, vol. 22, p. 590, sec. 2; Mar. 2, 1887, vol. 24, p. 463)							
Status June 30, 1926						4,045,295.14	220,717,075.00
Fiscal year 1927		2,684,031.34	6,729,326.48	2,721,516.93		4,007,809.55	220,717,075.00
Estimated, fiscal year 1928		2,500,000.00	6,507,809.55	2,000,000.00		4,507,809.55	220,717,075.00
Estimated, fiscal year 1929		2,500,000.00	7,007,809.55	2,000,000.00		5,007,809.55	220,717,075.00

	Advances from appropriations	Receipts		Total, including previous fiscal year balance	Expenditures			Balance
		From salary deductions	Loans, interest, etc.		Refunds	Annuities, etc.[1]	Invested (cost)	
CIVIL SERVICE RETIREMENT FUND								
(Act May 22, 1920)								
Total to June 30, 1926		$91,584,071.63	$7,685,252.25	$99,269,323.88	$13,870,157.89	$30,954,573.22	$53,874,527.04	$570,065.73
Total to June 30, 1927		115,939,953.63	10,497,834.09	126,437,787.72	17,732,579.98	40,666,909.14	67,999,454.01	38,844.59
1928 (estimated)		25,500,000.00	3,012,000.00		5,250,000.00	10,797,000.00	12,500,000.00	
1929 (estimated)	$19,950,000.00	25,500,000.00	4,268,000.00		5,280,000.00	12,060,000.00	32,378,000.00	

[1] Includes unexpended balances to credit of disbursing officers.

No. 10.—*Summary statements of various accounts, funds, and authorizations*—Continued

DEPARTMENT OF JUSTICE

	Receipts		Total available	Expenditures		Estimated value all assets, exclusive of cash balance
	Advances from appropriations	All other		Total expended	Cash balance	
UNITED STATES PENITENTIARY, ATLANTA, GA., WORKING CAPITAL						
(Original act, $150,000; approved July 10, 1918, 40 Stat. 896)						
Status June 30, 1926	$150,000.00				$273,435.64	$653,605.01
Fiscal year 1927		$1,488,974.36	$1,762,410.00	$1,321,923.62	440,486.38	480,993.60
Estimated, fiscal year 1928		1,737,871.80	2,178,358.18	1,654,115.98	524,242.20	436,961.55
Estimated, fiscal year 1929		1,700,000.00	2,224,242.20	1,600,000.00	624,242.20	425,000.00
PRISONERS' PERSONAL FUND						
Status June 30, 1926					47,872.08	
Fiscal year 1927		263,990.69	311,862.77	260,886.82	50,975.95	
PRISONERS' BONUS ACCOUNT (TEXTILE MILL)						
Status June 30, 1926					27,283.88	
Fiscal year 1927		91,570.66	118,854.54	80,197.11	38,657.43	
UNITED STATES PENITENTIARY, LEAVENWORTH, KANS., WORKING CAPITAL						
(Original act, $250,000; approved Feb. 11, 1924, 43 Stat. 6)						
Status June 30, 1926	250,000.00				225,701.33	
Fiscal year 1927		4,923.23	230,624.56	132,258.04	98,366.52	111,351.32
Estimated, fiscal year 1928		82,337.00	180,703.52	121,348.60	59,354.92	160,000.00
Estimated, fiscal year 1929		164,674.00	224,028.92	145,000.00	79,028.92	170,000.00
PRISONERS' PERSONAL FUND						
Status June 30, 1926					46,862.19	
Fiscal year 1927		214,446.99	261,309.18	215,659.06	45,650.12	
UNITED STATES PENITENTIARY, McNEIL ISLAND, WASH., PRISONERS' PERSONAL FUND						
Status June 30, 1926					11,609.39	
Fiscal year 1927		38,725.68	50,335.07	39,006.25	11,328.82	
AMUSEMENT FUND						
Status June 30, 1926					439.01	
Fiscal year 1927		740.12	1,179.13	991.76	187.37	
NATIONAL TRAINING SCHOOL FOR BOYS, WASHINGTON, D. C., PRISONERS' PERSONAL FUND						
Status June 30, 1926					455.72	
Fiscal year 1927		1,941.64	2,397.36	1,690.21	707.15	
UNITED STATES INDUSTRIAL REFORMATORY, CHILLICOTHE, OHIO, PRISONERS' PERSONAL FUND						
Status June 30, 1926					682.11	
Fiscal year 1927		10,892.95	11,575.06	9,829.73	1,745.33	
FEDERAL INDUSTRIAL INSTITUTION FOR WOMEN, ALDERSON, W. VA., PRISONERS' PERSONAL FUND						
Status June 30, 1926 [1]						
Fiscal year 1927		239.17	239.17	156.00	83.17	

[1] Started in fiscal year 1927.

No. 10.—*Summary statements of various accounts, funds, and authorizations*—Continued

NAVY DEPARTMENT

	Receipts		Total available	Expenditures			Estimated value all assets, exclusive of cash balance
	Advances from appropriations	All other		Total expended	Deposited to credit miscellaneous receipts and repayment of appropriations	Cash balance	
CLOTHING AND SMALL STORES FUND							
(Acts Mar. 3, 1843; June 15, 1844; Feb. 14, 1879; June 30, 1890; June 8, 1898; Feb. 11, 1925)							
Status June 30, 1926						$2,021,590.09	$24,018,183.90
Fiscal year 1927		$5,892,422.83	$7,914,012.92	$4,481,954.25		3,432,058.67	19,325,372.39
Estimated, fiscal year 1928		6,533,000.00	9,965,058.67	6,750,000.00		3,215,058.67	18,825,000.00
Estimated, fiscal year 1929		5,950,000.00	9,165,058.67	6,750,000.00		2,415,058.67	18,625,000.00
SHIPS' STORES PROFITS							
(Acts May 13, 1908, Decision Comptroller of Treasury, Jan. 20, 1914)							
Status June 30, 1926						240,384.71	
Fiscal year 1927		141,334.98	381,719.69	303,057.82		78,661.87	174,238.78
Estimated, fiscal year 1928		310,000.00	388,661.87	310,000.00		78,661.87	155,000.00
Estimated, fiscal year 1929		300,000.00	378,661.87	300,000.00		78,661.87	150,000.00
FINES AND FORFEITURES							
(Act Mar. 3, 1909)							
Status June 30, 1926						1,475,027.71	
Fiscal year 1927		597,998.46	2,073,026.17	292,564.25	$1,000,000.00	780,461.92	228,952.44
Estimated, fiscal year 1928		875,000.00	1,655,461.92	140,000.00	715,000.00	800,461.92	225,000.00
Estimated, fiscal year 1929		875,000.00	1,675,461.92	140,000.00	715,000.00	820,461.92	225,000.00
RESERVE MATERIAL							
(Acts Mar. 4, 1917; June 15, 1917)							
Status June 30, 1926						768,035.74	1,284,241.21
Fiscal year 1927		6,356.32	774,392.06			774,392.06	1,263,360.58
Estimated, fiscal year 1928		5,000.00	779,392.06			779,392.06	1,260,000.00
Estimated, fiscal year 1929		5,000.00	784,392.06			784,392.06	1,260,000.00
NAVAL WORKING FUND							
(Act Mar. 28, 1924)							
Status June 30, 1926						4,627,906.05	
Fiscal year 1927		6,050,145.66	10,678,051.71	3,165,276.95	5,455,076.41	2,057,698.35	
Estimated, fiscal year 1928		4,110,000.00	6,167,698.35	2,965,000.00	1,265,000.00	1,937,698.35	
Estimated, fiscal year 1929		4,410,000.00	6,347,698.35	2,815,000.00	1,515,000.00	2,017,698.35	
NAVAL SUPPLY ACCOUNT FUND							
(Act Mar. 1, 1921)							
Status June 30, 1926						21,914,174.25	104,361,379.69
Fiscal year 1927	$135,654.80	96,211,056.61	118,260,885.66	91,637,638.43	5,599,002.30	21,024,244.93	96,992,730.62
Estimated, fiscal year 1928	475,000.00	96,000,000.00	117,499,244.93	96,000,000.00	4,025,000.00	17,475,244.93	92,000,000.00
Estimated, fiscal year 1929	50,000.00	96,000,000.00	117,525,000.00	96,000,000.00	25,000.00	17,500,244.93	92,000,000.00
NAVAL HOSPITAL FUND							
(R.S., sec. 4808–4809; acts Mar. 2, 1799; Feb. 26, 1811; June 7, 1900)							
Status June 30, 1926						3,735,378.41	
Fiscal year 1927	1,000,000.00	479,785.06	5,215,163.47	2,084,292.73		3,130,870.74	105,258.90
Estimated, fiscal year 1928	715,000.00	380,000.00	4,225,870.74	2,600,000.00		1,625,870.74	100,000.00
Estimated, fiscal year 1929	715,000.00	380,000.00	2,720,870.74	1,000,000.00		1,720,870.74	100,000.00
PENSION FUND, PRINCIPAL							
(Various acts)							
Status June 30, 1926						14,816,908.74	
Fiscal year 1927		3,396.35	14,820,305.09			14,820,305.09	
Estimated, fiscal year 1928		3,000.00	14,823,305.09			14,823,305.09	
Estimated, fiscal year 1929		3,000.00	14,826,305.09			14,826,305.09	
PENSION FUND, INTEREST							
(Various acts)							
Status June 30, 1926						10,255.38	
Fiscal year 1927	444,401.74	10,405.99	465,063.11		454,657.12	10,405.99	
Estimated, fiscal year 1928	447,600.00	10,000.00	468,005.99		458,005.99	10,000.00	
Estimated, fiscal year 1929	447,600.00	10,000.00	467,600.00		457,000.00	10,600.00	

No. 10.—*Summary statements of various accounts, funds, and authorizations*—Continued

STATE DEPARTMENT

	Receipts		Total available	Expenditures		Estimated value all assets exclusive of cash balance
	Advances from appropriations	All other		Total expended	Cash balance	
MISCELLANEOUS TRUST FUNDS (Act Feb. 27, 1896)						
Status June 30, 1926					$267,419.17	
Fiscal year 1927		$4,044.76	$271,463.93	$5,956.52	265,507.41	
Estimated, fiscal year 1928		20,000.00	285,507.41	20,000.00	265,507.41	
Estimated, fiscal year 1929		20,000.00	285,507.41	20,000.00	265,507.41	
PAN AMERICAN UNION QUOTAS (Acts July 26, 1894; Mar. 2, 1909; Feb. 27, 1925)						
Status June 30, 1926					30,606.13	[1] $23,141.35
Fiscal year 1927	$146,713.58	73,944.71	251,264.42	249,682.24	1,582.18	[1] 23,005.20
Estimated, fiscal year 1928	150,568.83	105,232.94	257,383.95	253,320.00	4,063.95	[1] 13,005.20
Estimated, fiscal year 1929	152,256.00	105,338.86	261,658.81	258,000.00	3,658.81	[1] 3,005.20
EXPENSES PAYABLE BY THE GOVERNMENTS OF THE UNITED STATES AND GERMANY, IN EQUAL SHARES FROM UNITED STATES APPROPRIATIONS AND A SPECIAL FUND OF GERMANY, KNOWN AS "GERMAN GOVERNMENT'S MOIETY, EXPENSES, MIXED CLAIMS COMMISSION" (See terms of Art. V of the agreement between the two Governments of Aug. 10, 1922)						
Status June 30, 1926					[2] 884.26	
Fiscal year 1927	12,501.76	11,617.50	25,003.52	19,731.70	[2] 2,635.91	
Estimated, fiscal year 1928	12,535.91	9,900.00	25,071.82	25,071.02		
Estimated, fiscal year 1929	12,100.00	12,100.00	24,200.00	24,200.00		
EXPENSES PAYABLE BY THE GOVERNMENTS OF THE UNITED STATES AND AUSTRIA, IN EQUAL SHARES FROM UNITED STATES APPROPRIATIONS AND A SPECIAL FUND OF AUSTRIA, KNOWN AS "AUSTRIAN GOVERNMENT'S MOIETY, EXPENSES, TRIPARTITE CLAIMS COMMISSION" (See terms of Art. V of the agreement between the two Governments of Nov. 24, 1924)						
Status June 30, 1926					Def. 1.38	
Fiscal year 1927	3,819.17	3,820.55	7,638.34	7,290.10	[3] 174.12	
Estimated, fiscal year 1928	6,174.12	6,000.00	12,348.24	12,348.24		
Estimated, fiscal year 1929	6,000.00	6,000.00	12,000.00	12,000.00		
EXPENSES PAYABLE BY THE GOVERNMENTS OF THE UNITED STATES AND HUNGARY, IN EQUAL SHARES FROM UNITED STATES APPROPRIATIONS AND A SPECIAL FUND OF HUNGARY, KNOWN AS "HUNGARIAN GOVERNMENT'S MOIETY, EXPENSES, TRIPARTITE CLAIMS COMMISSION." (See terms of Art. V of the agreement between the two Governments of Nov. 24, 1924)						
Status June 30, 1926					Def. 1.37	
Fiscal year 1927	4,719.17	4,720.54	9,438.34	7,290.20	[4] 1,074.07	
Estimated, fiscal year 1928	6,174.07	5,100.00	12,348.14	12,348.14		
Estimated, fiscal year 1929	6,000.00	6,000.00	12,348.14	12,348.14		

	Receipts			Total, including balance previous fiscal year balance	Expenditures			Balance
	Advances from appropriations	From salary deductions	Loans, interest, etc.		Refunds	Annuities, etc.	Investment cost	
FOREIGN SERVICE RETIREMENT AND DISABILITY FUND (Act May 24, 1924)								
Total to June 30, 1926		$295,800.26	$11,524.98	$307,325.24	$2,189.06	$122,229.06	$182,602.35	$304.77
Total to June 30, 1927		446,597.82	21,532.52	468,130.34	9,427.84	190,321.08	265,869.85	
1928 (estimated)		151,000.00	15,000.00		597.81	75,402.19	90,000.00	
1929 (estimated)	$213,000.00	151,000.00	18,000.00		3,067.78	84,932.22	294,000.00	

[1] Unpaid quotas. [2] Carried over (for credit of Germany). [3] Carried over (for credit of Austria.) [4] Carried over (for credit of Hungary).

No. 10.—*Summary statements of various accounts, funds, and authorizations*—Continued

TREASURY DEPARTMENT

	Receipts		Total available	Expenditures			Estimated value all assets, exclusive of cash balance
	Advances from appropriations	All other		Total expended	Deposited as miscellaneous receipts	Cash balance	
FEDERAL INTERMEDIATE CREDIT BANKS (Agricultural credits act of 1923, Mar. 4, 1923)	Capital stock advanced from the Treasury	Gross earnings		Expenses (net)	Franchise tax (payable on calendar-year basis)		Net capital, including surplus (exclusive of cash)
Accumulated total June 30—							
1926	$24,000,000.00	$10,566,379.96	$34,566,379.96	$7,288,587.28	$1,189,174.36	$4,265,956.82	$21,822,661.50
1927	25,000,000.00	13,669,735.32	38,669,735.32	9,919,908.05	1,602,787.43	5,991,817.86	21,155,221.98
1928 (estimated)	25,000,000.00	17,500,000.00	42,500,000.00	12,620,000.00	2,100,000.00	4,000,000.00	23,780,000.00
1929 (estimated)	25,000,000.00	21,500,000.00	46,500,000.00	15,340,000.00	2,600,000.00	4,000,000.00	24,560,000.00
FEDERAL LAND BANKS (Federal farm loan act, July 17, 1916)	Capital stock advanced from Treasury	Capital stock subscribed by borrowers, and net earnings	Total available	Dividends and real estate charged off	Capital stock retired (advanced from Treasury)	Cash balance	Capital, surplus, and reserves, exclusive of cash balance
Accumulated total June 30—							
1926	$8,892,130.00	$93,948,370.90	$102,840,500.90	$25,775,574.54	$7,711,690.00	$15,817,920.23	$53,535,316.13
1927	8,892,130.00	108,417,258.70	117,309,388.70	33,805,637.92	8,050,122.00	25,417,753.91	49,981,874.87
1928 (estimated)	8,892,130.00	123,000,000.00	131,892,130.00	38,000,000.00	8,324,122.00	15,000,000.00	70,568,008.00
1929 (estimated)	8,892,130.00	137,000,000.00	145,892,130.00	41,500,000.00	8,474,122.00	15,000,000.00	80,918,008.00

	Receipts (other than from appropriations)	Total available	Total expended	Cash balance
COMPTROLLER OF THE CURRENCY				
SALARIES AND EXPENSES, NATIONAL BANK-EXAMINERS—SPECIAL FUND (Acts Dec. 23, 1913; Mar. 4, 1923)				
Status June 30, 1926				$857,962.27
Fiscal year 1927	$2,476,318.39	$3,334,280.66	$2,291,042.10	1,043,238.56
Estimated, fiscal year 1928	2,300,000.00	3,343,238.56	2,500,000.00	843,238.56
Estimated, fiscal year 1929	2,300,000.00	3,143,238.56	2,500,000.00	643,238.56
CHARGES ON SILVER-DOLLAR BULLION SOLD (Act Apr. 23, 1918)				
Status June 30, 1926				1,382,160.10
Fiscal year 1927		1,382,160.10	44.48	1,382,115.62
Estimated, fiscal year 1928		1,382,115.62		1,382,115.62
Estimated, fiscal year 1929		1,382,115.62		1,382,115.62
REBUILDING AND IMPROVING COAST GUARD STATIONS, PROCEEDS OF SALES, SPECIAL FUND (Act June 18, 1878)				
Status June 30, 1926				25,995.54
Fiscal year 1927	3,376.68	29,372.22		29,372.22
Estimated, fiscal year 1928	3,500.00	32,872.22	15,000.00	17,872.22
Estimated, fiscal year 1929	3,500.00	21,372.22	21,250.00	122.22
BUILDING OR PURCHASE OF VESSELS FOR COAST GUARD, PROCEEDS OF SALES, SPECIAL FUND (R. S., 534, sec. 2748)				
Status June 30, 1926				32,892.26
Fiscal year 1927	3,005.00	35,897.26	12,761.40	23,135.86
Estimated, fiscal year 1928	3,000.00	26,135.86	20,000.00	6,135.86
Estimated, fiscal year 1929	3,000.00	9,135.86	9,000.00	135.86

	Receipts		Total available	Expenditures	
	Advances from appropriations	All other		Total expended	Deposited to credit miscellaneous receipts and repayment of appropriations
PRINTING AND BINDING					
Fiscal year 1927	$835,000.00	$43,573.85	$878,573.85	$758,145.85	$120,428.00
Estimated, fiscal year 1928	820,000.00	40,000.00	860,000.00	850,000.00	10,000.00
Estimated, fiscal year 1929	715,000.00	40,000.00	755,000.00	755,000.00	
BUREAU OF ENGRAVING AND PRINTING					
Fiscal year 1927	7,767,400.00	3,251,795.54	11,019,195.54	10,403,540.00	614,655.54
Estimated, fiscal year 1928	7,172,590.00	3,423,244.00	10,595,834.00	10,533,327.00	62,507.00
Estimated, fiscal year 1929	6,207,795.00	3,491,938.00	9,699,733.00	9,699,733.00	

No. 10.—*Summary statements of various accounts, funds, and authorizations*—Continued

WAR DEPARTMENT

	Receipts		Total available	Expenditures			Estimated value all assets, exclusive of cash balance
	Advanced from appropriations	All other		Total expended	Deposited to credit miscellaneous receipts and repayment appropriations	Cash balance	
MILITARY POST CONSTRUCTION FUND							
(Act Mar. 12, 1926)							
Accumulated total:							
June 30, 1927		$9,554,372.01	$9,554,372.01	$7,020,000.00		$2,534,372.01	
Estimated, to June 30, 1928		12,776,284.42	12,776,284.42	10,700,000.00		2,076,284.42	
UNITED STATES SOLDIERS' HOME, WASHINGTON, D. C.							
(R. S., secs. 3689, 4818, 4819; acts Mar. 3, 1883, Feb. 26, 1889)							
Status June 30, 1926:							
Fiscal year 1927		726,652.92	4,513,491.50	911,144.83		3,602,346.67	
Estimated, fiscal year 1928		484,000.00	4,086,346.67	870,000.00		3,216,346.67	
HOBOKEN MANUFACTURERS' RAILROAD CO.							
(Pub. Res. 66, 67th Cong., act Feb. 26, 1925)							
Accumulated total:							
June 30, 1926	[1] $2,686,309.00	3,006,761.00	5,693,070.00	5,601,942.00	250,000.00	80,455.00	$1,690,778.00
June 30, 1927 [2]	[1] 2,686,309.00	3,313,019.00	5,999,328.00	5,968,585.00	277,166.13	940,220.04	[3] 440,000.00
INLAND WATERWAYS CORPORATION							
(Act June 3, 1924)							
Accumulated total:							
June 30, 1926	1,608,339.51	537,329.59	2,145,669.10	1,787,079.99		358,589.11	11,320,000.00
June 30, 1927	4,108,339.51	1,429,922.23	5,538,261.74	3,883,569.11		1,654,692.63	14,300,000.00
Estimated, to June 30, 1928	5,108,339.51	2,179,922.23	7,288,261.74	6,788,261.74		500,000.00	16,400,000.00
ORDNANCE STOCK FUND ACCOUNT							
(Act Mar. 4, 1911, 26 Stat. 1344)							
Status June 30, 1926						[4] 863,237.80	383,028.10
Fiscal year 1927		3,271,725.05	4,034,962.85	2,424,671.34		[4] 1,610,291.51	946,275.42
Estimated, fiscal year 1928		3,300,000.00	4,910,629.51	3,500,000.00		[4] 1,410,629.51	900,000.00
Estimated, fiscal year 1929		3,300,000.00	4,910,629.51	3,500,000.00		[4] 1,410,629.51	900,000.00
ORDNANCE SHOP EXPENSE ACCOUNT							
(Act Mar. 2, 1907, 34 Stat. 1062)							
Status June 30, 1926						[4] 508,622.43	[5] 275,101.27
Fiscal year 1927		3,272,368.12	3,780,990.55	3,487,336.02		[4] 293,654.53	[5] 275,000.00
Estimated, fiscal year 1928		3,500,000.00	3,793,654.53	3,500,000.00		[4] 293,654.53	[5] 275,000.00
Estimated, fiscal year 1929		3,500,000.00	3,793,654.53	3,500,000.00		[4] 293,654.53	[5] 275,000.00

[1] Purchase of stock $2,450,088
Repairs equipment, etc 236,221
Total cost to Government 2,686,309

Property acquired with railroad included several items of real estate. Par value of stock $400,000. Estimated value on date acquired $1,000,000, making total estimated cost of railroad proper approximately $1,236,000.

The stock of this railroad was sold as of June 30, 1925, for $925,000.

[3] Liberty bonds $270,000; 6 per cent mortgage due Jan. 1, 1928, Erie Land and Improvement Co., $100,000; amount due Government (estimated) $70,000. Final payment expected prior to Dec. 10, 1927.

[4] Includes unpaid obligations.

[5] Estimated unpaid obligations.

No. 10—*Summary statements of various accounts, funds, and authorizations*—Continued

WAR DEPARTMENT—Continued

	Receipts		Total available	Expenditures			Estimated value all assets, exclusive of cash balance
	Advanced from appropriations	All other		Total expended	Deposited to credit miscellaneous receipts and repayment appropriations	Cash balance	
PANAMA RAILROAD CO.							
Capital stock, $7,000,000 purchased from French company. Cost included in $40,000,000 paid for canal.							
(Act June 28, 1902)							
Status June 30, 1926						$2,595,740.11	$31,368,247.03
Fiscal year 1927		$13,229,896.76	$15,825,636.87	$12,241,031.94	$350,000.00	3,234,604.93	31,466,932.99
Estimated, fiscal year 1928		13,500,000.00	16,734,604.93	13,000,000.00	350,000.00	3,384,604.93	32,122,730.85
Estimated, fiscal year 1929		13,500,000.00	16,884,604.93	13,000,000.00	350,000.00	3,534,604.93	32,522,730.85
RESERVE FUND, PANAMA CANAL							
(Sec. 6, act Aug. 24, 1912, and current appropriation act)							
Status June 30, 1926						7,758,032.07	3,605,783.48
Fiscal year, 1927	$179,527.09	2,218,342.11	[6] 10,155,901.27	760,075.90	2,022,740.42	7,373,084.95	3,358,053.58
Estimated, fiscal year 1928	183,250.00	1,445,384.38	[6] 9,001,719.33	1,969,500.00	1,683,960.85	5,348,258.48	3,358,053.58
Estimated, fiscal year 1929	188,250.00	1,425,884.38	[6] 6,962,392.86	215,000.00	1,341,334.38	5,406,058.48	3,358,053.58
NATIONAL HOME FOR DISABLED VOLUNTEER SOLDIERS							
(Act June 25, 1910)							
General post fund, active:							
Status June 30, 1926						1,375.39	369,500.00
Fiscal year 1927		277,725.59	279,100.98	274,634.20		4,466.78	385,050.00
Estimated, fiscal year 1928		270,000.00	274,466.78	265,000.00		9,466.78	390,000.00
Estimated, fiscal year 1929		275,000.00	284,466.78	281,000.00		3,466.78	400,000.00
General post fund, reserve:							
Status June 30, 1926						528.12	510,000.00
Fiscal year 1927		21,887.50	22,415.62	22,169.86		250.76	532,000.00
Estimated, fiscal year 1928		17,955.00	18,205.76	18,000.00		205.76	550,000.00
Estimated, fiscal year 1929		18,562.50	18,768.26	18,000.00		768.26	568,000.00
Ward fund:							
Status June 30, 1926						2,007.96	21,727.00
Fiscal year 1927		3,004.29	5,012.25	3,944.12		1,068.13	21,259.22
Estimated, fiscal year 1928		3,000.00	4,068.13	4,000.00		68.13	21,500.00
Estimated, fiscal year 1929		2,500.00	2,568.13	2,000.00		568.13	21,500.00

[6] Includes cash balance at end of previous year.

No. 10—*Summary statements of various accounts, funds, and authorizations*—Continued

WAR DEPARTMENT—Continued

	Total authorized	Total appropriated	Total contributed	Total available	Expended		
					From appropriated funds	From contributed funds	Total
RIVER AND HARBOR IMPROVEMENTS							
(Lump-sum appropriations only)							
(Maintenance and improvement of existing river and harbor works)							
Accumulated total:							
June 30, 1926		$254, 202, 462. 24	$12, 491, 291. 62	$266, 693, 753. 86	$237, 841, 876. 53	$12, 390, 544. 87	$250, 232, 421. 40
June 30, 1927		304, 202, 462. 27	13, 111, 284. 07	317, 313, 746. 34	279, 558, 751. 19	12, 759, 721. 18	292, 318, 472. 37
Estimated, June 30, 1928		354, 202, 462. 27	13, 561, 284. 07	367, 763, 746. 34	329, 558, 751. 19	13, 201, 936. 18	342, 760, 687. 37
Estimated, June 30, 1929		404, 202, 462. 27	13, 961, 284. 07	418, 163, 746. 34	379, 558, 751. 19	13, 501, 936. 18	393, 060, 687. 37
MISSISSIPPI RIVER FLOOD CONTROL							
(Acts Mar. 1, 1917; Mar. 4, 1923)							
Accumulated total:							
June 30, 1926	$105, 000, 000. 00	65, 000, 000. 00	14, 051, 872. 09	79, 051, 872. 09	64, 997, 138. 90	13, 716, 099. 50	78, 713, 234. 40
June 30, 1927	105, 000, 000. 00	75, 000, 000. 00	15, 976, 142. 79	90, 976, 142. 79	75, 748, 069. 36	15, 442, 554. 24	91, 190, 623. 60
Estimated, June 30, 1928	105, 000, 000. 00	85, 000, 000. 00	17, 926, 142. 79	102, 926, 142. 79	84, 975, 981. 36	17, 382, 103. 24	102, 358, 084. 60
Estimated, June 30, 1929	105, 000, 000. 00	95, 000, 000. 00	18, 926, 142. 79	113, 926, 142. 79	94, 975, 981. 36	18, 382, 103. 24	113, 358, 084. 60
SACRAMENTO RIVER FLOOD CONTROL							
(Act Mar. 1, 1917)							
Accumulated total:							
June 30, 1926	11, 200, 000. 00	3, 569, 900. 00	3, 570, 000. 00	7, 139, 900. 00	3, 244, 287. 05	3, 244, 287. 05	6, 488, 574. 10
June 30, 1927	11, 200, 000. 00	3, 969, 900. 00	3, 970, 000. 00	7, 939, 900. 00	3, 887, 861. 77	3, 887, 861. 77	7, 775, 723. 54
Estimated, June 30, 1928	11, 200, 000. 00	4, 369, 900. 00	4, 370, 000. 00	8, 739, 900. 00	4, 369, 909. 77	4, 369, 909. 77	8, 739, 819. 54
Estimated, June 30, 1929	11, 200, 000. 00	4, 794, 900. 00	4, 795, 000. 00	9, 589, 900. 00	4, 794, 909. 77	4, 794, 909. 77	9, 589, 819. 54
ROADS IN ALASKA							
(Acts Mar. 3, 1913; June 30, 1921)							
Accumulated total:							
June 30, 1926		[1] 3, 060, 090. 18 [2] 6, 625, 600. 00	726, 123. 05	10, 411, 813. 23	9, 685, 690. 18	726, 123. 05	10, 411, 813. 23
June 30, 1927		[1] 3, 214, 851. 68 [2] 7, 525, 600. 00	835, 818. 87	11, 576, 270. 55	10, 740, 451. 68	835, 818. 87	11, 576, 270. 55
Estimated, June 30, 1928		[1] 3, 339, 851. 68 [2] 8, 525, 600. 00	935, 818. 87	12, 801, 270. 55	11, 865, 451. 68	935, 818. 87	12, 801, 270. 55
Estimated, June 30, 1929		[1] 3, 464, 851. 68 [2] 9, 759, 474. 00	1, 035, 818. 87	14, 260, 144. 55	13, 224, 325. 68	1, 035, 818. 87	14, 260, 144. 55

[1] Wagon roads, bridges, and trails, Alaska fund, act Mar. 3, 1913.

[2] Construction and maintenance of roads, bridges, and trails, Alaska.

No. 10.—*Summary statements of various accounts, funds, and authorizations*—Continued

WAR DEPARTMENT—Continued

	Total available for expenditure July 1, 1926	Accrued during fiscal year 1927	Total available for expenditure, fiscal year 1927	Expended during fiscal year 1927	Unpaid authorized obligations, July 1, 1927	Lapsed, fiscal year 1927	Total available July 1, 1927
REPLACING APPROPRIATIONS							
(Act Apr. 23, 1904, 33 Stat. 276)							
Replacing ordnance and ordnance stores:							
1926–27	$780,974.48	$680,185.64	$1,461,160.12	$528,695.49	$925,117.22	$7,347.41	
1927–28		1,205,876.45	1,205,876.45	185.44	220,348.85		$985,342.16
(Act Apr. 27, 1914, 38 Stat. 353)							
Replacing Signal Corps supplies and equipment:							
1926–27	111,639.18	80,787.26	192,426.44	65.86	190,959.92	1,400.66	
1927–28		173,664.83	173,664.83		78,250.00		95,414.83
(Act Mar. 23, 1910, 36 Stat. 257)							
Replacing regular supplies of the Army:							
1926–27	554,893.95	108,378.22	663,272.17	612,402.95	27,074.80	23,794.42	
1927–28		563,398.77	563,398.77	138,455.62	77,344.25		347,598.90
Replacing clothing and equipage:							
1926–27	2,395,204.31	804,078.44	3,199,282.75	1,157,908.93	1,969,594.33	71,779.49	
1927–28		2,305,790.19	2,305,790.19	1.02			2,305,789.17
Replacing water and sewers at military posts:							
1926–27	16,227.99	4,161.40	20,389.39	14,983.65	4,405.74	1,000.00	
1927–28		15,173.45	15,173.45		4,500.00		10,673.45
Replacing Army transportation:							
1926–27	311,998.04	60,210.83	372,208.87	361,170.68	9,655.04	1,383.15	
1927–28		2,305,846.91	2,305,846.91	110,796.68	1,967,068.03		227,982.20
(Act Apr. 27, 1914, 38 Stat. 361)							
Subsistence of the Army, 1927		4,220,726.91	4,220,726.91	4,220,726.91			
(Act July 9, 1918)							
Replacing engineer equipment of troops:							
1926–27	508.76	5,298.90	5,807.66	5,614.72	74.28	118.66	
1927–28		13,484.35	13,484.35	3,917.70	5,612.30		4,854.35
Replacing engineer operations in the field:							
1926–27		109.24	109.24	99.10		10.14	
1927–28		22.46	22.46				22.46
(Act June 12, 1906, 34 Stat. 256)							
Replacing medical supplies:							
1926–27	326,004.29	121,301.13	447,305.42	407,682.80	38,385.22	1,237.40	
1927–28		472,018.57	472,018.57	190,675.73	72,503.27		208,839.57
(Act May 12, 1917, 40 Stat. 67)							
Arms, uniforms, equipment, etc., for field service, National Guard:							
1926–27	147,343.49	7,264.58	154,608.07	52,421.42	101,546.92	639.73	
1927–28		134,538.80	134,538.80	2,684.84	23,285.43		108,568.53
(Act Mar. 3, 1875, 18 Stat. 388)							
Ordnance material, proceeds of sales (special fund)	433,872.88	38,357.89	472,230.77	9,778.25	312,470.53		149,981.99
Total	5,078,667.37	13,320,675.22	18,399,342.59	7,817,367.79	6,028,196.13	108,711.06	4,445,067.61

No. 10.—*Summary statements of various accounts, funds, and authorizations*—Continued

DISTRICT OF COLUMBIA

	Receipts (other than from appropriations)	Total available	Total expended	Cash balance
GASOLINE TAX FUND				
(Act Apr. 23, 1924)				
Status June 30, 1926				$176,557.76
Fiscal year 1927	$1,251,333.38	$1,427,891.14	$1,069,460.64	358,430.50
Estimated, fiscal year 1928	1,300,000.00	1,658,439.50	1,500,000.00	158,430.50
Estimated, fiscal year 1929	1,400,000.00	1,558,430.50	1,500,000.00	58,430.50
POLICEMEN AND FIREMEN'S RELIEF FUND				
(Act Sept. 1, 1916)				
Status June 30, 1926				51,737.52
Fiscal year 1927	592,152.42	643,889.94	566,467.65	77,422.29
Estimated, fiscal year 1928	550,000.00	627,422.29	570,000.00	57,422.29
Estimated, fiscal year 1929	560,000.00	617,422.29	575,000.00	42,422.29
ESCHEATED ESTATES RELIEF FUND				
(Act Mar. 3, 1901)				
Status June 30, 1926				6,312.25
Fiscal year 1927	363.85	6,676.10	6,625.71	50.39
Estimated, fiscal year 1928	2,000.00	2,050.39	2,050.39	
Estimated, fiscal year 1929	2,000.00	2,000.00	2,000.00	
INDUSTRIAL HOME SCHOOL FUND				
(Act June 11, 1896)				
Status June 30, 1926				1,350.95
Fiscal year 1927	1,597.65	2,948.60	1,846.27	1,102.33
Estimated, fiscal year 1928	4,000.00	5,102.33	5,000.00	102.33
Estimated, fiscal year 1929	4,000.00	4,102.33	4,000.00	102.33
PERMIT FUND				
(Act Aug. 7, 1894)				
Status June 30, 1926				78,909.55
Fiscal year 1927	48,199.23	127,108.78	55,449.01	71,659.77
Estimated, fiscal year 1928	50,000.00	121,659.77	60,000.00	61,659.77
Estimated, fiscal year 1929	60,000.00	121,659.77	70,000.00	51,659.77
WATER FUND				
(Act June 11, 1878)				
Status June 30, 1926				136,803.86
Fiscal year 1927	1,452,139.17	1,588,943.03	1,326,214.83	262,728.20
Estimated, fiscal year 1928	1,400,000.00	1,662,728.20	1,500,000.00	162,728.20
Estimated, fiscal year 1929	1,400,000.00	1,562,728.20	1,500,000.00	62,728.20
MISCELLANEOUS TRUST FUND DEPOSITS				
(Act Apr. 27, 1904)				
Status June 30, 1926				347,541.96
Fiscal year 1927	953,772.02	1,301,313.98	1,014,569.36	286,744.62
Estimated, fiscal year 1928	1,000,000.00	1,286,744.62	1,015,000.00	271,744.62
Estimated, fiscal year 1929	1,050,000.00	1,321,744.62	1,060,000.00	261,744.62
MILITIA FUND FROM FINES				
(Act Mar. 1, 1901)				
Status June 30, 1926				124.22
Fiscal year 1927	20.00	144.22		144.22
Estimated, fiscal year 1928	25.00	169.22		169.22
Estimated, fiscal year 1929	25.00	194.22		194.22

	Receipts			Total including previous fiscal year balance	Expenditures			Balance
	From appropriations	From salary deductions	Loans, interest, etc.		Refunds	Annuities, etc.	Invested (cost)	
TEACHERS' RETIREMENT FUND								
(Acts Jan. 15, 1920; June 5, 1929)								
Total to June 30, 1926	$268,429.47	$1,410,128.04	$155,900.00	$1,834,457.51	$111,962.11	$287,950.84	$1,399,221.53	$35,323.03
Total to June 30, 1927	360,393.97	1,694,414.74	219,616.18	2,274,424.89	144,199.67	397,164.89	1,696,660.01	36,400.32
1928 (estimated)	337,035.50	285,000.00	81,200.00		35,000.00	145,000.00	559,635.82	
1929 (estimated)	380,000.00	288,000.00	100,000.00		38,000.00	180,000.00	550,000.00	

Budget Statement No. 11

Summary of estimates of appropriations, classified by governmental functions, fiscal year 1929, compared with appropriations for fiscal year 1928, exclusive of the Postal Service

Function	Estimates of appropriations, 1929		Appropriations, 1928		Increase over appropriations for 1928 (+), decrease (−)
	Amount	Per cent	Amount	Per cent	
A. General functions:					
1. Legislative	$10, 509, 373. 86	0. 30	$10, 525, 159. 56	0. 33	−15, 785. 70
2. Judicial	13, 922, 370. 00	. 40	13, 876, 309. 50	. 43	+46, 060. 50
3. Executive	437, 180. 00	. 01	438, 460. 00*	. 01	−1, 280. 00
4. General administration—					
1. Financial administration	62, 464, 992. 00	1. 79	62, 370. 200. 00	1. 95	+94, 792. 00
2. Government supply services	12, 092, 297. 00	. 35	13, 065, 782. 00	. 41	−973, 485. 00
3. Public buildings service	15, 271, 490. 00	. 45	14, 566, 430. 00	. 46	+705, 060. 00
4. Civil pensions and allowance administration	553, 000. 00	. 01	224, 240. 00	. 00	+328, 760. 00
5. Institutional and general expenses [1]	1, 513, 100. 00	. 04	1, 501, 603. 00	. 05	+11, 497. 00
Total, general administration	91, 894, 879. 00	2. 64	91, 728, 255. 00	2. 87	+166, 624. 00
Total, general functions	116, 763, 802. 86	3. 35	116, 568, 184. 06	3. 64	+195, 618. 80
B. Military functions:					
1. National defense	[2] 644, 413, 088. 00	18. 46	572, 992, 301. 00	17. 92	+71, 420, 787. 00
2. Special war agencies	7, 500. 00	. 00	98, 000. 00	. 00	−90, 500. 00
3. Military pensions; retirement pay, annuities; World War allowances and life-insurance claims	750, 891, 632. 00	21. 51	674, 230, 300. 00	21. 08	+76, 661, 332. 00
Total, military functions	1, 395, 312, 220. 00	39. 97	1, 247, 320, 601. 00	39. 00	+147, 991, 619. 00
C. Civil functions:					
1. Foreign relations and protection of American interests abroad	13, 507, 456. 00	. 39	11, 866, 940. 13	. 37	+1, 640, 515. 87
2. General law enforcement	41, 015, 337. 00	1. 18	41, 544, 060. 00	1. 30	−528, 723. 00
3. Provision for control of currency and banking	8, 193, 121. 00	. 23	6, 860, 530. 00	. 21	+1, 332, 591. 00
4. Administration of Indian Affairs	14, 614, 009. 00	. 42	13, 629, 685. 00	. 42	+984, 324. 00
5. Administration of public domain	26, 454, 263. 00	. 75	25, 646, 405. 00	. 81	+807, 858. 00
6. Promotion and regulation of commerce and industry	21, 138, 198. 00	. 60	19, 636, 079. 00	. 61	+1, 502, 119. 00
7. Promotion, regulation, and operation of marine transportation	41, 456, 134. 00	1. 19	39, 908, 628. 00	1. 26	+1, 547, 506. 00
8. Promotion and regulation of land transportation	7, 643, 137. 00	. 22	7, 812, 114. 00	. 24	−168, 977. 00
9. Promotion and regulation of agriculture	37, 025, 409. 00	1. 06	36, 104, 075. 00	1. 12	+921, 334. 00
10. Promotion and regulation of fisheries	1, 999, 748. 00	. 06	1, 948, 568. 00	. 06	+51, 180. 00
11. Promotion of labor interests	5, 339, 652. 00	. 15	4, 816, 936. 00	. 15	+522, 716. 00
12. Immigration and naturalization	8, 011, 840. 00	. 23	7, 455, 840. 00	. 25	+556, 000. 00
13. Promotion of public health	18, 441, 429. 14	. 53	17, 861, 358. 28	. 56	+580, 070. 86
14. Promotion of public education	12, 190, 300. 00	. 35	12, 065, 335. 00	. 38	+124, 965. 00
15. Science and research	14, 539, 198. 00	. 42	14, 452, 081. 00	. 45	+87, 117. 00
16. Public works—					
1. General supervision, design and overhead	432, 420. 00	. 01	455, 300. 00	. 01	−22, 880. 00
2. Public improvements	156, 466, 200. 00	4. 49	154, 041, 900. 00	4. 82	+2, 424, 300. 00
3. Government plant additions	25, 978, 815. 00	. 74	3, 958, 843. 00	. 12	+22, 019, 972. 00
Total, public works	182, 877, 435. 00	5. 24	158, 456, 043. 00	4. 95	+24, 421, 392. 00
17. Revenue-producing enterprises	8, 312, 000. 00	. 24	7, 401, 000. 00	. 23	+911, 000. 00
18. Local government	44, 261, 296. 00	1. 27	43, 107, 768. 00	1. 35	+1, 153, 528. 00
19. Relief expenditures	112, 050. 00	. 00	112, 050. 00	. 00	
Total, civil functions	507, 132, 012. 14	14. 53	470, 685, 495. 41	14. 72	+36, 446, 516. 73

[1] Salaries and expenses of the several departments not directly chargeable to any productive function.
[2] Exclusive of reappropriations, supplemental estimates and allotments from the naval supply account of approximately $51,990,313.

No. 11.—*Summary of estimates of appropriations, classified by governmental functions, fiscal year 1929, compared with appropriations for fiscal year 1928, exclusive of the Postal Service*—Continued

Function	Estimates of appropriations, 1929		Appropriations, 1928		Increase over appropriations for 1927–28 (+), decrease (−)
	Amount	Per cent	Amount	Per cent	
D. Nonfunctional appropriations:					
1. Refunds, losses, contingencies, and miscellaneous	$155, 664, 000. 00	4. 45	$26, 189, 995. 00	0. 82	+$129, 474, 005. 00
2. Fixed debt charges [1]—					
1. Public-debt retirements from "ordinary" receipts	541, 623, 393. 53	15. 52	537, 120, 735. 00	16. 80	+4, 502, 658. 53
2. Interest on the public debt	670, 000, 000. 00	19. 20	720, 000, 000. 00	22. 51	−50, 000, 000. 00
Total, fixed debt charges [1]	1, 211, 623, 393. 53	34. 72	1, 257, 120, 735. 00	39. 31	−45, 497, 341. 47
3. Trust funds	104, 028, 295. 00	2. 98	80, 258, 900. 00	2. 51	+23, 769, 395. 00
Total, nonfunctional appropriations	1, 471, 315, 688. 53	42. 15	1, 363, 569, 630. 00	42. 64	+107, 746, 058. 53
Grand total	3, 490, 523, 723. 53	100. 00	3, 198, 143, 910. 47	100. 00	+292, 379, 813. 06
RECAPITULATION					
General functions	116, 763, 802. 86	3. 35	116, 568, 184. 06	3. 64	+195, 618. 80
Military functions	1, 395, 312, 220. 00	39. 97	1, 247, 320, 601. 00	39. 00	+147, 991, 619. 00
Civil functions	507, 132, 012. 14	14. 53	470, 685, 495. 41	14. 72	+36, 446, 516. 73
Nonfunctional appropriations	1, 471, 315, 688. 53	42. 15	1, 363, 569, 630. 00	42. 64	+107, 746, 058. 53
Grand total	3, 490, 523, 723. 53	100. 00	3, 198, 143, 910. 47	100. 00	+292, 379, 813. 06

[1] Excludes public-debt redemptions to be made from the general fund.

NOTE.—Definitions of governmental functions are given on p. A3.

BUDGET STATEMENT NO. 12

Summary of estimates of appropriations, by "character and objects of expenditure," [1] for the fiscal year 1929, compared with appropriations for the fiscal year 1928, exclusive of the Postal Service

Character and objects of expenditure	Estimates of appropriations, 1929		Appropriations, 1928		Increase over appropriations for 1928 (+), decrease (−)
	Amount	Per cent	Amount	Per cent	
Current expenses:					
01. Personal services [2]	$510, 886, 829. 00	14. 64	$499, 471, 545. 00	15. 63	+$11, 415, 284. 00
02. Supplies and materials	105, 622, 822. 00	3. 03	97, 698. 029. 00	3. 05	+7, 924, 793. 00
03. Subsistence and support of persons (service)	10, 681, 857. 00	. 31	10, 151, 921. 00	. 32	+529, 936. 00
04. Subsistence and care of animals and storage and care of vehicles (service)	232, 417. 00	. 00	225, 209. 00	. 00	+7, 208. 00
05. Communication service	4, 164, 713. 00	. 13	3, 707, 943. 00	. 12	+456, 770. 00
06. Travel expenses	36, 407, 626. 00	1. 04	36, 051, 668. 00	1. 14	+355, 958. 00
07. Transportation of things (service)	13, 779, 839. 00	. 39	12, 365, 537. 00	. 40	+1, 414, 302. 00
08. Printing, engraving, lithographing, binding, photographing, and typewriting (service)	11, 171, 937. 00	. 32	10, 711, 516. 00	. 33	+460, 421. 00
09. Advertising and publication of notices (service)	198, 451. 00	. 00	155, 479. 00	. 00	+42, 972. 00
10. Furnishing of heat, light, power, water, and electricity (service)	6, 741, 014. 00	. 19	6, 363, 262. 00	. 20	+377, 752. 00
11. Rents	8, 362, 187. 00	. 24	7, 472, 000. 00	. 23	+890, 187. 00
12. Repairs and alterations	65, 866, 278. 00	1. 89	56, 375, 004. 00	1. 77	+9, 491, 274. 00
13. Special and miscellaneous current expenses	15, 909, 648. 00	. 46	9, 159, 261. 00	. 29	+6, 750, 387. 00
14. Maintenance and operation of naval shore stations	72, 371, 148. 00	2. 07	70, 127, 807. 00	2. 17	+2, 243, 341. 00
15. Maintenance and operation of fleet	104, 920, 912. 00	3. 00	105, 269, 601. 00	3. 29	−348, 689. 00
16. Miscellaneous naval operating charges	29, 045, 216. 00	. 83	28, 717, 986. 00	. 90	+327, 230. 00
Total current expenses	996, 362, 894. 00	28. 54	951, 023, 768. 00	29. 84	+42, 339, 126. 00
Fixed charges:					
20. Interest	670, 201, 500	19. 20	720, 223, 100	22. 52	−50, 021, 600
21. Pensions, retirement salaries, annuities, and World War allowances	579, 215, 222	16. 59	532, 291, 635	16. 64	+46, 923, 587
22. Grants, subsidies, and contributions	100, 072, 993	2. 87	98, 837, 298	3. 10	+1, 235, 695
Total fixed charges	1, 349, 489, 715	38. 66	1, 351, 352, 033	42. 26	−1, 862, 318
Acquisition of property:					
30. Plant and equipment	93, 377, 835	2. 68	62, 779, 403	1. 96	+30, 598, 432
31. Land and interests in land	2, 885, 180	. 08	2, 431, 385	. 08	+453, 795
32. Structures and parts and nonstructural improvements to land (includes fixed equipment)	92, 150, 004	2. 64	66, 908, 667	2. 09	+25, 241, 337
33. Stores purchased for resale	21, 105	. 00	17, 910	. 00	+3, 195
34. General stores	22, 716. 600	. 65	15, 123, 300	. 47	+7, 593, 300
Total acquisition of property	211, 150, 724	6. 05	147, 260, 665	4. 60	+63, 890, 059
Payment of debt:					
40. Public-debt redemptions and purchases	541, 623, 394	15. 52	537, 120, 735	16. 79	+4, 502, 659
Payments for rights and obligations:					
50. Investments	170, 075, 640	4. 87	112, 000, 000	3. 50	+58, 075, 640
51. Treaty obligations	685, 000	. 02	680, 000	. 02	+5, 000
52. Repayments of deposits	19, 728, 220	. 57	17, 575, 220	. 55	+2, 153, 000
53. Refunds, awards, and indemnities	160, 533, 145	4. 60	31, 889, 090	1. 00	+128, 644, 055
Total payments for rights and obligations	351, 022, 005	10. 06	162, 144, 310	5. 07	+188, 877, 695
Reserve	443, 806	. 01	7, 418, 014	. 23	−6, 974, 208
Total, General Government	3, 450, 092, 538	98. 84	3, 159, 319, 525	98. 79	+290, 773, 013
District of Columbia	40, 431, 186	1. 16	38, 824, 385	1. 21	+1, 606, 801
Grand total	3, 490, 523, 724	100. 00	3, 198, 143, 910	100. 00	+292, 379, 814
RECAPITULATION					
Current expenses	996, 362, 894	28. 54	954, 023, 768	29. 84	+42, 339, 126
Fixed charges	1, 349, 489, 715	38. 66	1, 351, 352, 033	42. 26	−1, 862, 318
Acquisition of property	211, 150, 724	6. 05	147, 260, 665	4. 60	+63, 890, 059
Payment of debt	541, 623, 394	15. 52	537, 120, 735	16. 79	+4, 502, 659
Payments for rights and obligations	351, 022, 005	10. 06	162, 144, 310	5. 07	+188, 877, 695
Reserve	443, 806	. 01	7, 418, 014	. 23	−6, 974, 208
Total, General Government	3, 450, 092, 538	98. 84	3, 159, 319, 525	98. 79	+290, 773, 013
District of Columbia	40, 431, 186	1. 16	38, 824, 385	1. 21	+1, 606, 801
Grand total	3, 490, 523, 724	100. 00	3, 198, 143, 910	100. 00	+292, 379, 814

[1] For definitions of objects, see General Accounting Office Bulletin No. 1, dated May 11, 1922.
[2] Exclusive of personal services chargeable to the manufacture and repair of equipment or the building and repair of structures, etc.

BUDGET STATEMENT NO. 13

Summary of expenditures, by character and objects, fiscal years 1927 to 1924, including the Postal Service

Character and objects of expenditure	1927	1926	1925	1924
Current expenses:				
01. Personal services	$1,016,476,503.92	$989,142,329.56	$951,325,200.64	$877,005,922.27
02. Supplies and materials	104,394,824.67	100,372,480.22	101,534,381.91	91,961,529.00
03. Subsistence and support of persons (service)	10,529,840.38	10,218,291.60	11,751,958.20	12,211,272.89
04. Subsistence of animals and care of vehicles (service)	221,933.52	150,748.59	226,814.24	412,109.99
05. Communication service	4,402,748.75	3,852,844.67	3,867,806.11	3,751,192.69
06. Travel expenses	39,842,294.85	37,995,475.62	38,437,015.05	39,366,687.56
07. Transportation of things (service)	150,206,800.20	147,169,416.84	149,984,094.29	148,806,971.27
08. Printing, engraving, binding, and typewriting (service)	11,518,819.62	10,179,468.06	12,582,875.42	12,745,354.77
09. Advertising and publication of notices (service)	241,118.58	114,777.80	131,045.64	184,140.40
10. Furnishing of heat, light, power, etc. (service)	9,884,037.64	9,437,079.33	9,263,517.79	8,761,324.98
11. Rents	22,195,318.08	21,213,693.87	20,415,767.08	19,482,380.46
12. Repairs and alterations	62,482,485.12	62,801,634.10	56,818,894.20	46,254,789.36
13. Special and miscellaneous current expenses	26,089,769.96	32,665,773.12	10,655,609.92	11,214,019.38
14. Maintenance and operation of naval shore stations	67,439,020.50	65,648,930.01	63,267,310.47	63,192,200.93
15. Maintenance and operation of fleet	103,188,598.00	104,294,455.00	137,820,113.47	156,531,407.63
16. Miscellaneous naval operating charges	27,096,042.00	27,575,846.00	25,913,645.00	24,075,286.30
Total current expenses	1,656,210,155.79	1,622,833,244.39	1,593,996,049.43	1,515,956,589.88
Fixed charges:				
20. Interest	787,975,374.01	831,619,117.16	881,994,328.21	940,843,662.76
21. Pensions, retirement, annuities, and allowances	577,282,184.45	643,727,618.16	554,603,109.03	568,177,285.32
22. Grants, subsidies, and contributions	114,803,710.18	116,136,986.79	125,655,381.66	109,247,007.40
Total fixed charges	1,480,061,268.64	1,591,483,722.11	1,562,252,818.90	1,618,267,955.48
Acquisition of property:				
30. Plant and equipment	61,640,790.85	61,472,370.56	72,015,046.85	80,875,731.92
31. Lands and interest in land	10,480,780.18	1,949,968.63	2,405,376.10	864,755.01
32. Structures, improvements to land, and fixed equipment	69,623,627.93	64,628,025.49	67,498,650.36	65,857,485.58
33. Stores purchased for resale	88,566.46	31,744.19	1,391,654.20	1,968,860.35
34. General stores	26,845,224.00	19,662,045.00	12,830,014.00	16,010,072.12
Total acquisition of property	171,678,389.42	147,744,153.87	156,140,741.51	165,576,905.01
Payment of debt:				
40. Public-debt redemptions and purchases paid from ordinary receipts [1]	522,926,277.25	487,376,650.69	464,535,845.89	456,344,197.64
Payments for rights and obligations:				
50. Investments	170,723,595.19	170,764,539.20	143,101,608.22	48,016,398.70
51. Treaty obligations	5,668,879.09	5,473,156.36	5,479,731.31	5,554,477.70
52. Repayments of deposits	21,893,632.69	30,197,540.10	24,447,798.36	24,360,235.77
53. Refunds, awards, and indemnities	132,052,846.52	217,108,885.28	180,424,973.38	172,816,562.00
Total payments for rights and obligations	330,338,953.49	423,544,120.94	353,454,111.27	250,747,674.17
Total, General Government	4,161,215,044.59	4,272,981,292.00	4,130,379,567.00	4,006,893,322.18
District of Columbia	37,856,501.00	34,707,744.32	32,971,007.27	26,106,535.55
	4,199,071,545.59	4,307,689,036.32	4,163,350,574.27	4,032,999,857.73
Adjustment to total cash expenditures	−22,365,037.53	−27,331,243.67	−34,115,650.59	+46,626,636.02
Total	4,176,706,508.06	4,280,357,792.65	4,129,234,923.68	4,079,626,493.75

[1] Exclusive of additional redemptions paid from surplus and balances.

Budget Statement No. 14

Summary of expenditures, classified by governmental functions, fiscal year 1929, compared with prior years

[The actual expenditures given are on basis of warrants issued: that is, warrants authorizing withdrawal of cash from Treasury]

Function	Estimated				Actual	
	1929		1928		1927	
	Amount	Per cent	Amount	Per cent	Amount	Per cent
A. General functions:						
1. Legislative	$10,480,904.00	0.29	$10,483,702.00	0.29	$10,391,448.25	0.30
2. Judicial	13,899,110.00	.40	14,036,160.00	.39	11,707,175.59	.34
3. Executive	420,700.00	.01	586,333.00	.01	612,197.93	.02
4. General administration—						
1. Financial administration	64,632,707.00	1.81	64,708,153.00	1.79	63,400,895.28	1.82
2. Government supply services	10,607,897.00	.30	11,357,691.00	.31	10,567,411.95	.30
3. Public buildings service	18,386,337.00	.52	17,303,917.00	.48	15,895,903.84	.46
4. Civil pensions and allowance administration	475,000.00	.01	400,000.00	.01	145,665.45	.00
5. Institutional and general expenses [1]	1,043,200.00	.03	1,060,412.00	.03	981,260.03	.03
Total general administration	95,145,141.00	2.67	94,830,173.00	2.62	90,991,136.55	2.61
Total general functions	119,945,855.00	3.37	119,936,368.00	3.31	113,701,958.32	3.27
B. Military functions:						
1. National defense	658,003,813.00	18.50	628,259,237.00	17.35	558,004,447.48	16.02
2. Special war agencies	[2] 492,500.00	[2].02	[2] 2,470,194.00	[2].06	[2] 26,906,459.54	[2].77
3. Military pensions; retirement pay; annuities, World War allowances, and life-insurance claims	661,474,097.00	18.60	675,866,849.00	18.66	662,479,544.16	19.03
Total military functions	1,318,985,410.00	37.08	1,301,655,892.00	35.95	1,193,577,532.10	34.28
C. Civil functions:						
1. Foreign relations and protection of American interests abroad	12,046,873.00	.34	11,937,029.00	.33	16,165,750.61	.46
2. General law enforcement	40,851,027.00	1.15	41,593,059.00	1.14	37,435,519.79	1.07
3. Provision for control of currency and banking	8,193,121.00	.23	8,065,680.00	.22	7,674,040.36	.22
4. Administration of Indian affairs	14,572,009.00	.41	16,733,788.00	.46	12,652,754.14	.36
5. Administration of public domain	22,540,977.00	.63	26,361,621.00	.73	29,801,751.05	.85
6. Promotion and regulation of commerce and industry	19,428,160.00	.55	18,752,830.00	.52	16,835,524.30	.48
7. Promotion, regulation, and operation of marine transportation	46,501,418.00	1.31	55,605,585.00	1.54	49,307,422.08	1.42
8. Promotion and regulation of land transportation	8,649,567.00	.24	10,921,567.00	.30	7,652,200.56	.22
9. Postal Service (deficiency in postal revenues)	15,270,042.00	.43	30,370,400.00	.84	27,452,228.89	.79
10. Promotion and regulation of agriculture	35,205,949.00	.99	38,413,478.00	1.07	32,950,613.35	.95
11. Promotion and regulation of fisheries	1,960,000.00	.06	2,018,000.00	.06	1,628,129.14	.05
12. Promotion of labor interests	5,253,800.00	.15	5,242,247.00	.14	4,857,397.12	.14
13. Immigration and naturalization	7,754,840.00	.22	7,381,840.00	.20	7,083,724.03	.20
14. Promotion of public health	19,348,640.00	.54	18,931,876.00	.52	18,970,944.90	.54
15. Promotion of public education	11,575,804.00	.32	11,233,196.00	.31	11,055,168.82	.32
16. Science and research	16,571,385.00	.47	16,630,902.00	.46	12,325,762.07	.36
17. Public works—						
1. General supervision, design, and overhead	773,420.00	.02	807,100.00	.02	757,541.84	.02
2. Public improvements	165,066,200.00	4.64	195,702,537.00	5.40	173,250,807.90	4.98
3. Government plant additions	39,745,925.00	1.12	20,137,510.00	.56	14,232,158.75	.41
Total public works	205,585,545.00	5.78	216,647,147.00	5.98	188,240,508.49	5.41
18. Revenue-producing enterprises	9,137,000.00	.26	9,294,302.00	.26	8,561,328.79	.25
19. Local government	42,144,850.00	1.18	42,761,918.00	1.18	40,719,265.07	1.17
20. Relief expenditures	102,000.00	.00	67,000.00	.00	66,151.39	.00
Total civil functions	542,693,007.00	15.26	588,963,465.00	16.26	531,436,184.95	15.26

[1] Salaries and expenses of the several departments not directly chargeable to any productive function.

[2] Credit.

No. 14.—*Summary of expenditures, classified by governmental functions, fiscal year 1929, compared with prior years*—Con.

Function	Estimated				Actual	
	1929		1928		1927	
	Amount	Per cent	Amount	Per cent	Amount	Per cent
D. Nonfunctional expenditures:						
1. Refunds, losses, contingencies, and miscellaneous	$155, 170, 325. 00	4. 36	$171, 328, 125. 00	4. 74	$139, 722, 153. 42	4. 01
2. Subscriptions to capital stock Federal intermediate credit banks					1, 000, 000. 00	. 03
3. Cape Cod Canal bonds, principal and interest	6, 300, 000. 00	. 18				
4. Fixed debt charges [3]—						
1. Public debt retirements payable from ordinary receipts	541, 623, 394. 00	15. 23	536, 185, 074. 00	14. 81	519, 554, 844. 78	14. 93
2. Interest on the public debt	670, 000, 000. 00	18. 83	720, 000. 000. 00	19. 88	787, 019, 578. 18	22. 60
3. Premium on sinking-fund purchases			935, 661. 00	. 02	7, 111, 244. 28	. 20
Total fixed debt charges [3]	1, 211, 623, 394. 00	34. 06	1, 257, 120, 735. 00	34. 71	1, 313, 685, 667. 24	37. 73
5. Trust funds	202, 239, 040. 00	5. 69	182, 309, 700. 00	5. 03	188, 811, 006. 88	5. 42
Total nonfunctional expenditures	1, 575, 332, 759. 00	44. 29	1, 610, 758, 560. 00	44. 48	1, 643, 218, 827. 54	47. 19
Total expenditures from the Treasury, checks issued, partially adjusted					3, 481, 934, 502. 91	100. 00
E. Adjustment between cash expenditures and checks issued					11, 650, 016. 49	
Total expenditures from the Treasury, cash basis	3, 556, 957, 031. 00	100. 00	3, 621, 314, 285. 00	100. 00	3, 493, 584, 519. 40	
Add Postal Service expenditures, payable from postal revenues	753, 000, 000. 00		710, 500, 000. 00		683, 121, 988. 66	
Total expenditures	4, 309, 957, 031. 00		4, 331, 814, 285. 00		4, 176, 706, 508. 06	

[3] Excludes expenditures out of loan funds liquidating public debt (refunding operations), but includes all redemptions made from ordinary receipts.

NOTE.—Definitions of governmental functions are given on page A3. For years prior to 1925, see Budget Statement No. 9, in Budget for 1926.

BUDGET STATEMENT NO. 15

Comparisons of appropriations recommended and appropriations made by Congress, fiscal year 1928, compared with fiscal year 1927, classified by organization units

Organization unit	Appropriations recommended			Appropriations by Congress to March 4, 1927	Increases by Congress (+); decreases (−)
	In Budget	Supplemental estimates	Total		
Fiscal year 1928					
Legislative establishment	$16,174,988.76	$263,282.00	$16,438,270.76	$16,434,579.56	−$3,691.20
Executive and independent establishments	520,402,641.00	14,000.00	520,416,641.00	520,355,808.00	−60,833.00
Department of Agriculture	144,487,820.00		144,487,820.00	139,862,989.60	−4,624,831.00
Department of Commerce	35,240,430.00	1,358,000.00	36,598,430.00	36,630,450.00	+32,020.00
Interior Department	285,717,596.00		285,717,596.00	285,484,020.00	−233,576.00
Department of Justice	25,895,349.50	560,000.00	26,455,349.50	26,400,889.50	−54,460.00
Department of Labor	8,558,540.00	1,590,976.00	10,149,516.00	10,159,516.00	+10,000.00
Navy Department	313,815,500.00	2,805,000.00	316,620,500.00	318,131,957.00	+1,511,457.00
Post Office Department	757,969,115.00		757,969,115.00	755,336,200.00	−2,632,915.00
State Department	11,969,119.41	142,000.00	12,111,119.41	12,155,119.41	+44,000.00
Treasury Department	170,468,453.00		170,468,453.00	168,726,133.00	−1,742,320.00
War Department, including Panama Canal	366,722,142.00	1,362,255.00	368,084,397.00	367,857,329.00	−227,068.00
District of Columbia	38,519,869.00	305,120.00	38,824,989.00	38,824,385.00	−604.00
Public debt, principal and interest	1,318,629,560.93	[1] 61,508,825.93	1,257,120,735.00	1,257,120,735.00	
Total, including Postal Service, payable from postal revenues	4,014,571,124.60	[2] 53,108,192.93	3,961,462,931.67	3,953,480,110.47	−7,982,821.20
Fiscal year 1927					
Legislative establishment	16,498,381.70	1,456,968.37	17,955,350.07	17,879,919.57	−75,430.50
Executive and independent establishments	505,709,859.25	15,283,516.39	520,993,375.64	521,055,236.64	−61,861.00
Department of Agriculture	140,717,758.00	14,585,000.00	155,302,758.00	153,200,957.26	−2,101,800.74
Department of Commerce	30,402,847.00	1,140,950.00	31,543,797.00	30,822,746.45	−721,050.55
Interior Department	250,967,602.00	2,779,050.00	253,746,652.00	253,262,773.20	−483,878.80
Department of Justice	24,367,027.00	1,759,400.00	26,126,427.00	25,652,970.72	−473,456.28
Department of Labor	8,567,305.00		8,567,305.00	9,561,305.00	+994,000.00
Navy Department	322,869,430.00	2,524,500.00	325,393,930.00	324,150,540.15	−1,243,389.85
Post Office Department	740,077,563.00	1,624,000.00	741,701,563.00	738,823,237.27	−2,878,325.73
State Department	16,614,932.64	2,375,130.00	18,990,062.64	17,512,865.18	−1,477,197.46
Treasury Department	157,563,713.63	198,418,102.00	355,981,815.63	353,153,799.50	−2,828,016.13
War Department, including Panama Canal	335,641,525.00	16,606,267.33	352,247,792.33	356,451,138.20	+4,203,345.87
District of Columbia	35,626,579.00	1,588,770.00	37,215,349.00	36,627,373.00	−587,976.00
Public debt, principal and interest	[3] 1,310,583,398.44	[2] 44,398,406.40	1,354,981,804.84	1,354,981,804.84	
Total, including Postal Service, payable from postal revenues	3,896,207,921.66	304,540,060.49	4,200,747,982.15	4,193,136,666.98	−7,611,315.17

[1] Net decrease in original public estimates, as revised by the Treasury Department.

[2] Net decrease.

[3] Net increase in original public debt estimates, as revised by the Treasury Department.

NOTE.—Appropriations for which no estimates were submitted have been distributed above by departments.

Budget Statement No. 16

Statement of estimates of appropriations for 1929 and appropriations for 1928, showing percentages of the totals for current operation of the Government, by departments and offices

Department or office	Estimates of appropriations, 1929	Per cent of total	Appropriations, 1928	Per cent of total
Legislative establishment	$16, 862, 930. 86	0. 74	$16, 434, 579. 56	0. 85
Executive Office	437, 180. 00	. 02	438, 460. 00	. 62
Independent offices:				
American Battle Monuments Commission	700, 000. 00	. 03	600, 000. 00	. 03
Arlington Memorial Bridge Commission	2, 300, 000. 00	. 10	2, 500, 000. 00	. 12
Civil Service Commission	1, 098, 752. 00	. 05	1, 007, 442. 00	. 05
Employees' Compensation Commission	3, 675, 000. 00	. 16	2, 698, 240. 00	. 13
Federal Board for Vocational Education	8, 220, 000. 00	. 36	8, 165, 230. 00	. 42
Federal Trade Commission	963, 000. 00	. 04	984, 350. 00	. 05
General Accounting Office	3, 820, 000. 00	. 17	3, 833, 000. 00	. 19
Housing Corporation	475, 750. 00	. 02	564, 236. 00	. 02
Interstate Commerce Commission	7, 642, 337. 00	. 33	7, 811, 314. 00	. 39
Shipping Board and Emergency Fleet Corporation	13, 688, 750. 00	. 59	12, 290, 000. 00	. 63
Smithsonian Institution	974, 761. 00	. 04	939, 711. 00	. 04
Public Buildings and Public Parks of the National Capital	2, 584, 980. 00	. 11	2, 422, 950. 00	. 12
Tariff Commission	749, 000. 00	. 03	682, 000. 00	. 03
United States Veterans' Bureau	560, 060, 000. 00	24. 38	473, 400, 000. 00	24. 39
Other independent offices	4, 814, 542. 00	. 21	2, 018, 875. 00	. 10
Department of Agriculture	142, 753, 229. 00	7. 26	139, 862, 989. 00	7. 20
Department of Commerce	37, 599, 460. 00	1. 65	36, 630, 450. 00	1. 88
Department of the Interior	300, 190, 089. 00	13. 17	285, 484, 020. 00	14. 80
Department of Justice	26, 784, 630. 00	1. 17	26, 400, 889. 50	1. 36
Department of Labor	10, 735, 840. 00	. 47	10, 159, 516. 00	. 52
Navy Department	362, 167, 020. 00	15. 49	318, 131, 957. 00	16. 39
State Department	14, 015, 188. 14	. 61	12, 155, 119. 41	. 62
Treasury Department	316, 333, 562. 00	13. 54	168, 726, 133. 00	8. 70
War Department, including Panama Canal	398, 823, 143. 00	17. 49	367, 857, 329. 00	18. 95
District of Columbia	40, 431, 186. 00	1. 77	38, 824, 385. 00	2. 00
Ordinary (current operations)	2, 278, 900, 330. 00	100. 00	1, 941, 023, 175. 47	100. 00

Budget Statement No. 17

Comparative statement of appropriations for departments and establishments for the fiscal years 1928 and 1927, including revised public debt appropriations

	Appropriations for 1928			Appropriations for 1927		
	Annual and other	Permanent and indefinite	Total	Annual and other	Permanent and indefinite	Total
Legislative establishment:						
Senate	$2,827,407.70		$2,827,407.70	$2,827,280.90		$2,827,280.90
House of Representatives	7,530,791.86		7,530,791.86	7,531,318.10		7,531,318.10
Architect of the Capitol	1,186,071.00		1,186,071.00	2,727,817.57		2,727,817.57
Botanic Garden	127,217.00		127,217.00	124,844.00		124,844.00
Library of Congress	1,495,332.00	$800.00	1,496,132.00	1,398,996.00	$800.00	1,399,796.00
Public Printer	3,100,000.00		3,100,000.00	3,126,903.00		3,126,903.00
Legislative miscellaneous	166,960.00		166,960.00	141,960.00		141,960.00
Total, legislative establishment	16,433,779.56	800.00	16,434,579.56	17,879,119.57	800.00	17,879,919.57
Executive Office and independent establishments:						
Executive Office	438,460.00		438,460.00	919,460.00		919,460.00
Alaska relief fund		15,000.00	15,000.00		15,000.00	15,000.00
Alien Property Custodian	98,000.00		98,000.00	130,650.00		130,650.00
American Battle Monuments Commission	600,000.00		600,000.00	800,000.00		800,000.00
Arlington Memorial Bridge Commission	2,500,000.00		2,500,000.00	2,500,000.00		2,500,000.00
Board of Mediation	390,000.00		390,000.00	285,220.00		285,220.00
Board of Tax Appeals	712,780.00		712,780.00	614,224.64		614,224.64
Bureau of Efficiency	210,350.00		210,350.00	210,350.00		210,350.00
Civil Service Commission	1,007,442.00		1,007,442.00	1,001,592.00		1,001,592.00
Commission, Bicentennial, Birth of Washington	14,000.00		14,000.00	10,000.00		10,000.00
Commission of Fine Arts	7,300.00		7,300.00	6,595.00		6,595.00
Commission on Purchase of Oldroyd Collection				50,000.00		50,000.00
Employees' Compensation Commission	2,698,240.00		2,698,240.00	2,744,540.00		2,744,540.00
Federal Board for Vocational Education	798,230.00	7,367,000.00	8,165,230.00	843,620.00	7,367,000.00	8,210,620.00
Federal Power Commission	32,500.00	10,000.00	42,500.00	29,400.00	3,000.00	32,400.00
Federal Trade Commission	984,350.00		984,350.00	997,000.00		997,000.00
General Accounting Office	3,833,000.00		3,833,000.00	3,864,960.00		3,864,960.00
Housing Corporation	564,236.00		564,236.00	673,398.00		673,398.00
Interstate Commerce Commission	7,811,314.00		7,811,314.00	6,153,157.00		6,153,157.00
National Advisory Committee for Aeronautics	525,000.00		525,000.00	513,000.00		513,000.00
Public Buildings Commission				260,000.00		260,000.00
Public Buildings and Public Parks of the National Capital	2,422,950.00		2,422,950.00	2,301,850.00		2,301,850.00
Smithsonian Institution	879,711.00	60,000.00	939,711.00	833,301.00	60,000.00	893,301.00
Tariff Commission	682,000.00		682,000.00	699,000.00		699,000.00
United States Geographic Board	3,945.00		3,945.00	345.00		345.00
United States Shipping Board	12,290,000.00		12,290,000.00	24,198,574.00		24,198,574.00
United States Veterans' Bureau	473,400,000.00		473,400,000.00	462,969,000.00		462,969,000.00
Vermont Sesquicentennial Commission				1,000.00		1,000.00
Total, Executive Office and independent establishments	512,903,808.00	7,452,000.00	520,355,808.00	513,610,236.64	7,445,000.00	521,055,236.64
Department of Agriculture	128,511,739.00	11,351,250.00	139,862,989.00	141,849,707.26	11,351,250.00	153,200,957.26
Department of Commerce	36,627,450.00	3,000.00	36,630,450.00	30,819,746.45	3,000.00	30,822,746.45
Department of the Interior	260,305,020.00	25,179,000.00	285,484,020.00	227,623,873.20	25,638,900.00	253,262,773.20
Department of Justice	26,400,889.50		26,400,889.50	25,652,970.72		25,652,970.72
Department of Labor	10,134,516.00	25,000.00	10,159,516.00	9,536,305.00	25,000.00	9,561,305.00
Navy Department	316,215,107.00	1,916,850.00	318,131,957.00	322,006,140.15	2,144,400.00	324,150,540.15
Post Office Department (payable from Treasury)				17,934.27		17,934.27
State Department	12,013,886.41	141,233.00	12,155,119.41	17,376,725.44	136,139.74	17,512,865.18
Treasury Department	137,581,033.00	31,145,040.00	168,726,133.00	326,371,384.50	26,782,415.00	353,153,799.50
War Department	359,781,729.00	8,075,600.00	367,857,329.00	349,303,838.20	7,147,300.00	356,451,138.20
District of Columbia	36,282,385.00	2,542,000.00	38,824,385.00	35,053,816.00	1,573,557.00	36,627,373.00
Total, exclusive of public debt	1,853,191,402.47	87,831,773.00	1,941,023,175.47	2,017,101,797.40	82,247,761.74	2,099,349,559.14
Interest on the public debt		720,000,000.00	720,000,000.00		785,000,000.00	785,000,000.00
Sinking fund		354,157,085.00	354,157,085.00		336,058,208.26	336,058,208.26
Other redemptions of the public debt		182,963,650.00	182,963,650.00		233,923,596.58	233,923,596.58
Total payable from the Treasury	1,853,191,402.47	1,344,952,508.00	3,198,143,910.47	2,017,101,797.40	1,437,229,566.58	3,454,331,363.98
Postal Service, payable from postal revenue	755,336,200.00		755,336,200.00	738,805,303.00		738,805,303.00
Total	2,608,527,602.47	1,344,952,508.00	3,953,480,110.47	2,755,907,100.40	1,437,229,566.58	4,193,136,666.98

Budget Statement No. 18

Statement of balances of appropriations of June 30, 1927, and of appropriations for the fiscal year 1928 (including revised estimated permanent and indefinite appropriations), as of November 1, 1927, reported by the Secretary of the Treasury

[Budget and accounting act, 1921, sec. 201 (e)]

	Balances of appropriations, June 30, 1927	Appropriations for fiscal year 1928, including revised estimated permanent and indefinite appropriations	Total available
Legislative establishment	$2, 843, 405. 05	$16, 155, 727. 56	$18, 999, 132. 61
Executive Office	143, 576. 36	438, 460. 00	582, 036. 36
Independent offices:			
Federal Board for Vocational Education	1, 670, 905. 85	8, 165, 230. 00	9, 836, 135. 85
Interstate Commerce Commission	666, 753. 29	7, 796, 314. 00	8, 463, 067. 29
Transportation act, 1920	193, 114, 958. 84		193, 114, 958. 84
Railroad Administration	112. 609, 734. 65		112, 609, 734. 65
Shipping Board	67, 492, 348. 07	12, 290, 000. 00	79, 782, 348. 07
United States Veterans' Bureau	196, 341, 082. 45	303, 900, 000. 00	500, 241, 082. 45
Other independent offices	8, 454, 117. 37	15, 050, 804. 00	23, 504, 921. 37
Department of Agriculture	22, 274, 171. 89	131, 503, 489. 00	153, 777, 660. 89
Department of Commerce	5, 859, 906. 11	34, 588, 450. 00	40, 448, 356. 11
Department of the Interior	50, 045, 151. 20	243, 400, 650. 00	293, 445, 801. 20
Department of Justice	5, 090, 888. 00	26, 325, 889. 50	31, 416, 777. 50
Department of Labor	992, 964. 17	10, 159, 516. 00	11, 152, 480. 17
Navy Department	93, 734, 194. 07	317, 181, 957. 00	410, 916, 151. 07
Post Office Department	52, 704. 00		52, 704. 00
State Department	5, 920, 460. 22	12, 100, 119. 41	18, 020, 579. 63
Treasury Department	138, 776, 723. 08	168, 721, 133. 00	307, 497, 856. 08
War Department	181, 937, 925. 92	289, 886, 509. 00	471, 824, 434. 92
Panama Canal	7, 431, 001. 92	7, 600, 000. 00	15, 031, 001. 92
District of Columbia	8, 651, 657. 69	37, 413, 185. 00	46, 064, 842. 69
Purchase of obligations of foreign Governments	38, 591, 629. 05		38, 591, 629. 05
Sinking fund	83. 80	354, 157, 085. 00	354, 157, 168. 80
Other public debt redemptions	289. 68	182, 963, 650. 00	182, 963, 939. 68
Interest on the public debt		720, 000, 000. 00	720, 000, 000. 00
Total, exclusive of Postal Service	1, 142, 696, 632. 73	2, 899, 798, 168. 47	4, 042, 494, 801. 20
Postal Service payable from postal revenues		[1] 755, 336, 200. 00	[1] 755, 336, 200. 00
Total	1, 142, 696, 632. 73	3, 655, 134, 368. 47	4, 797, 831, 001. 20

[1] Not carried on the books of the Treasury, but added here to complete the total.

NOTE.—The appropriations for 1928, as stated above, are exclusive of amounts appropriated for the fiscal year 1928, that were made available for expenditure during the fiscal year 1927, the balances of which are included in the first column.

BUDGET STATEMENT NO. 19

Consolidated current balance sheet [1] at close of business June 30, 1927 [2]

[GENERAL FUND AND PUBLIC-DEBT (LOAN) FUNDS]

Assets	Amount	Reference to statement No.	Reference to statement Page	Liabilities, reserves, and surplus	Amount
A. Cash in Treasury offices	$204, 331, 954. 56			C. Liabilities:	
				1. Treasurer's checks outstanding	$5, 577, 313. 97
B. Cash in depositories:				2. Deposits of Government officers—	
1. Federal reserve banks	38, 184, 931. 94			1. Post Office Department	6, 829, 640. 38
2. Special depositories	198, 609, 000. 00			2. Board of trustees, Postal Savings System—	
3. Foreign depositories	485, 749. 55			1. Five per cent reserve	6, 426, 700. 49
4. National banks	28, 463, 355. 19			2. Other deposits	803, 706. 39
5. Philippine treasury	609, 133. 66			3. Postmasters, clerks of courts, disbursing officers, etc	48, 087, 759. 37
Total cash in depositories	266, 352, 170. 34			Total liabilities	67, 725, 120. 60
				D. Reserve for deposits:	
				1. Redemption of Federal reserve notes (5 per cent gold fund)	139, 873, 094. 78
				2. Redemption of national-bank notes (5 per cent fund)	26, 381, 384. 12
				3. Retirement of additional circulating notes, act May 30, 1908	2, 830. 00
				4. Exchange of currency, coin, etc	2, 644, 285. 55
				Total reserve for deposits	168, 901, 594. 45
				Total liabilities and reserves	236, 626, 715. 05
				E. Balance in general fund:	
				1. At beginning of year, July 1, 1926	210, 002, 026. 71
				2. Addition during year—	
				1. Excess of ordinary receipts over expenditures payable therefrom	635, 809, 921. 70
				Total balance and additions during year	845, 811, 948. 41
				3. Deductions during year—	
		29	A95	1. Public debt, redemptions from the general fund, in addition to sinking fund and redemptions from restricted receipts	611, 754, 538. 56
		1	A15	4. Balance in general fund June 30, 1927	234, 057, 409. 85
Total cash assets	470, 684, 124. 90			Total liabilities, reserves, and balance	470, 684, 124. 90

[1] On basis of daily statement of the United States Treasury.

[2] While this statement is designated a consolidated current balance sheet, it only includes the cash resources of the Government and those liabilities of the Treasury now required to be set up by law as an encumbrance of the cash assets. No account is taken at present of the assets accrued and due or other liabilities incurred.

BUDGET STATEMENT NO. 20

Statement of operations,[1] general fund, fiscal year ended June 30, 1927

Reference to statement No.	Reference to statement Page	Item	Fiscal year 1927
		A. Receipts, by sources of revenue:	
1	A15	1. Internal-revenue receipts—	
		1. Income and profits tax	$2, 224, 992, 800. 25
		2. Miscellaneous	644, 421, 541. 56
		Total internal-revenue receipts	2, 869, 414, 341. 81
1	A15	2. Customs receipts	605, 499, 983. 44
6	A52	3. Miscellaneous receipts—	
		1. Interest, premium, and discount	195, 822, 344. 58
		2. Sale of Government property	18, 248, 808. 10
		3. Public-domain receipts	25, 293, 764. 76
		4. Net earnings, Federal reserve and intermediate credit banks (franchise tax)	1, 231, 763. 58
		5. Profits on coinage, bullion deposits, etc	9, 130, 112. 82
		6. Revenue-producing enterprises	31, 714, 998. 74
		7. Rent of public buildings and grounds	1, 442, 798. 17
		8. Fees, fines, penalties, forfeitures, etc	32, 766, 984. 56
		9. Gifts and contributions	5, 877, 649. 17
		10. Miscellaneous unclassified receipts	7, 475, 571. 15
		11. Army and Navy miscellaneous collections	1, 271, 131. 68
		12. Repayments of investments	178, 085, 350. 74
		13. Assessments and reimbursements	21, 905, 554. 91
		14. District of Columbia receipts	28, 014, 920. 53
		15. Trust-fund receipts	95, 431, 053. 47
		Total	653, 712, 806. 96
		Adjustment between receipts by warrant and cash receipts as per Treasury statement	767, 308. 89
		Total miscellaneous receipts	654, 480, 115. 85
		Total receipts	4, 129, 394, 441. 10
5	A51	B. Expenditures, by character of expenditure:	
		1. Current expenses, including equipment	933, 713, 078. 19
		2. Nonadministrative expenses [2]—	
		1. Interest on public debt	787, 019, 578. 18
		2. Pensions	229, 956, 741. 00
		3. Other	530, 175, 959. 07
		Total nonadministrative expenses [2]	1, 547, 152, 278. 25
		3. Construction work, including national-defense structures—	
		1. Rural post roads	82, 974, 910. 29
		2. Rivers and harbors	65, 384, 524. 23
		3. Other public works	52, 712, 523. 74
		Total public works	201, 071, 958. 26
		4. District of Columbia	34, 932, 843. 95
		5. Deficiencies in postal revenues	27, 263, 191. 12
		6. Operations in special accounts [3]	19, 548, 025. 40
		7. Investments—Subscriptions to capital stock Federal intermediate credit banks	1, 000, 000. 00
		8. Reduction in principal of public debt, payable from ordinary receipts—	
		1. Sinking fund	333, 528, 400. 00
		2. Other	186, 026, 444. 78
		Total reduction in principal of public debt payable from ordinary receipts	519, 554, 844. 78
		9. Special funds	14, 416, 152. 49
		10. Trust funds:	
5	A51	1. Investment of trust funds	163, 783, 250. 77
		2. Expenditure from trust funds	31, 148, 896. 19
		Total trust funds	194, 932, 146. 96
		Total expenditures	3, 493, 584, 519. 40
1	A15	C. Excess of ordinary receipts over expenditures payable therefrom	635, 809, 921. 70
		D. Balance in general fund at beginning of year	210, 002, 026. 71
		E. Balance, and excess of ordinary receipts over expenditures payable therefrom	845, 811, 948. 41
		F. Deduct amount of general fund applied through loan funds to redemption of public debt, in addition to sinking fund and restricted receipts	611, 754, 538. 56
		G. Balance in general fund at end of year	234, 057, 409. 85

[1] On basis of Treasury daily statement.
[2] Represents those disbursements of the Government which do not constitute expenses of administration strictly speaking. Examples of such expenditures are interest on the public debt, pensions, grants, subsidies and contributions, refunds and drawbacks, indemnities, military and naval insurance, and the like.
[3] These are net figures and make allowance for receipts and deposits credited to the accounts concerned.

BUDGET STATEMENT NO. 21

Statement of operations,[1] public debt receipts and expenditures, fiscal year ended June 30, 1927

Reference to statement No.	Reference to statement Page	Item	Fiscal year 1927
22	A88	A. Public debt receipts and deposits:	
		1. Treasury notes	$1, 360, 456, 450. 00
		2. Treasury bonds	467, 802, 650. 00
		3. Certificates of indebtedness	3, 108, 235, 000. 00
		4. Treasury savings securities	13, 572, 408. 43
		5. Postal savings bonds	689, 620. 00
		6. Deposits for retirement of national-bank notes and Federal reserve bank notes (acts of July 14, 1890, and Dec. 23, 1913)	27, 828, 137. 50
		7. Treasury notes and certificates of indebtedness (adjusted service series)	147, 200, 000. 00
		8. Treasury notes and certificates of indebtedness (civil-service retirement-fund series)	59, 300, 000. 00
		Total public debt receipts and deposits	5, 185, 084, 265. 93
22	A88	B. Public debt expenditures:	
		1. Interest-bearing debt—	
		1. Certificates of indebtedness	2, 875, 367, 000. 00
		2. War savings securities	100, 281. 50
		3. Treasury savings securities	64, 062, 200. 05
		4. Treasury notes and certificates of indebtedness (adjusted service series)	38, 200, 000. 00
		5. Treasury notes and certificates of indebtedness (civil-service retirement-fund series)	13, 700, 000. 00
		6. Loan of 1925	196, 200. 00
		7. Liberty bonds and Victory loan notes	2, 165, 940, 000. 00
		8. Treasury notes	1, 119, 517, 400. 00
		9. Treasury bonds	10, 000, 000. 00
		Total expenditures, interest-bearing debt	6, 287, 083, 081. 55
		2. Debt bearing no interest—Miscellaneous debt items	1, 249, 792. 72
		3. National-bank notes and Federal reserve notes retired	28, 060, 775. 00
		Total public debt expenditures	6, 316, 393, 649. 27
		C. Redemptions of the public debt required to be paid from ordinary receipts (for details see page A31)	519, 554, 844. 78
		D. Additional redemptions of the public debt (net)	611, 754, 538. 56
		E. Total redemptions of the public debt (net)	1, 131, 309, 383. 34

[1] On basis of daily Treasury statement.

BUDGET STATEMENT NO. 22

Consolidated statement of operations,[1] fiscal year ended June 30, 1927

[GENERAL FUND AND PUBLIC-DEBT (LOAN) FUNDS]

Reference to statement No.	Reference to statement Page	Item	Fiscal year 1927
		A. Receipts:	
1	A15	1. Ordinary receipts (general fund)	$4, 129, 394, 441. 10
21	A88	2. Public-debt (loan) funds	5, 185, 084, 265. 93
		Total receipts	9, 314, 478, 707. 03
		B. Expenditures:	
20	A87	1. General fund	3, 493, 584, 519. 40
21	A88	2. Public-debt (loan) funds [2]	5, 796, 838, 804. 49
		Total expenditures	9, 290, 423, 323. 89
		C. Excess of receipts over all expenditures	24, 055, 383. 14
1	A15	D. Balance in general fund at beginning of year, July 1, 1926	210, 002, 026. 71
1	A15	E. Balance in general fund at end of year, June 30, 1927	234, 057, 409. 85

[1] On basis of Treasury daily statement.
[2] Excludes redemptions of debt payable from "Ordinary receipts." These are included in general-fund expenditures.

BUDGET STATEMENT NO. 23

PUBLIC DEBT OF THE UNITED STATES

Summary statement of outstanding debt at close of business June 30, 1927, compared with June 30, 1926, and June 30, 1916

[On basis of revised figures reported in the "Statement of the Public Debt of the United States"]

Description of loan	Outstanding debt June 30, 1927	Outstanding debt June 30, 1926	Decrease in fiscal year 1927	Outstanding debt June 30, 1916
A. Interest-bearing debt (see Statement 24, p. A90):				
1. Bonds—				
1. Pre-war	$766,549,790.00	$765,860,170.00	[1] $689,620.00	$967,172,590.00
2. War (Liberty loan bonds)	11,690,109,250.00	13,856,484,500.00	2,166,375,250.00	
3. Treasury bonds	2,763,735,550.00	2,305,933,900.00	[1] 457,801,650.00	
Total bonds	15,220,394,590.00	16,928,278,570.00	1,707,883,980.00	967,172,590.00
2. Treasury notes	2,019,194,550.00	1,612,403,600.00	[1] 406,790,950.00	4,390,000.00
3. Certificates of indebtedness—Tax	702,095,500.00	483,279,000.00	[1] 218,816,500.00	
4. War-savings securities [2]	309,259,325.95	359,809,690.05	50,550,364.10	
Total interest-bearing debt	18,250,943,965.95	19,383,770,860.05	1,132,826,894.10	971,562,590.00
B. Matured debt on which interest has ceased:				
1. Pre-war loans	2,111,260.26	2,324,500.26	213,240.00	1,473,100.26
2. War loans	12,595,975.00	11,003,300.00	[1] 1,592,675.00	
Total matured debt on which interest has ceased	14,707,235.26	13,327,800.26	[1] 1,379,435.00	1,473,100.26
C. Debt bearing no interest	244,523,064.89	246,084,419.38	1,561,354.49	252,109,877.27
D. Total gross debt [3]	18,510,174,266.10	19,643,183,079.69	1,133,008,813.59	1,225,145,567.53
E. Plus matured interest obligations, etc. [4]	144,712,313.03	140,649,570.52	[1] 4,062,742.51	17,061,950.25
F. Total gross debt plus matured interest obligations, etc	18,654,886,579.13	19,783,832,650.21	1,128,946,071.08	1,242,207,517.78
G. Less offsets to debt: [5]				
Cash balance held by Treasurer of the United States as per daily Treasury statements of June 30	234,057,409.85	210,002,026.71	[1] 24,055,383.14	236,879,590.90
H. Net debt, including matured interest obligations, etc. [5]	18,420,829,169.28	19,573,830,623.50	1,153,001,454.22	1,005,327,926.88

[1] Increase.

[2] Amounts issued of Treasury (war) savings certificates of the series of 1919, 1920, and 1921 are on basis of reports of sales, taken at issue price; amounts retired are on basis of redemption value. Amounts issued and amounts outstanding of Treasury savings certificates, issue of Dec. 15, 1921, series of 1921 and 1922, and issue of Sept. 30, 1922, series of 1922 and 1923, are on basis of net redemption value, partly estimated, and for the issue of Dec. 15, 1921, include receipts from sales of Treasury savings stamps.

[3] The total gross debt June 30, 1927, on the basis of daily Treasury statements was $18,511,906,931.85, and the net amount of public debt redemptions and receipts in transit, etc., was $1,732,665.75.

[4] Accrued discount calculated on basis of exact accrual at rate of 4 per cent per annum compounded quarterly, with due allowance for cash redemptions to date

[5] No deduction is made on account of obligations of foreign governments or other investments.

Budget Statement No. 24

PUBLIC DEBT OF THE UNITED STATES

Detail statement of outstanding debt at close of business June 30, 1927, compared with June 30, 1926, and June 30, 1916

Description of loan	Interest rate (per cent)	Outstanding debt June 30, 1927	Outstanding debt June 30, 1926	Decrease in fiscal year 1927	Outstanding debt June 30, 1916
A. Interest-bearing debt:					
1. Bonds—					
1. Pre-war—					
2 per cent consols of 1930	2	$599,724,050	$599,724,050		$636,259,550
4 per cent loan of 1925	4				118,489,900
2 per cent Panamas of 1916–1936	2	48,954,180	48,954,180		54,456,980
2 per cent Panamas of 1918–1938	2	25,947,400	25,947,400		29,875,000
3 per cent Panamas of 1961	3	49,800,000	49,800,000		50,000,000
3 per cent conversion bonds of 1946–47	3	28,894,500	28,894,500		5,900,600
2½ per cent postal savings bonds (1st to 22d series)	2½				8,245,100
2½ per cent postal savings bonds (1st to 32d series)	2½	13,229,660	12,540,040	[1] $689,620	
3 per cent loan of 1908–1918	3				63,945,460
Total pre-war bonds		766,549,790	765,860,170	[1] 689,620	967,172,590
2. War (Liberty loan bonds)—					
First Liberty loan—					
3½ per cent bonds of 1932–1947	3½	1,397,687,000	1,397,689,100	2,100	
Converted 4 per cent bonds of 1932–1947	4	5,155,700	5,156,800	1,100	
Converted 4¼ per cent bonds of 1932–1947	4¼	532,823,350	532,874,250	50,900	
Second converted 4¼ per cent bonds of 1932–1947	4¼	3,492,150	3,492,150		
Total, first Liberty loan		1,939,158,200	1,939,212,300	54,100	
Second Liberty loan—					
4 per cent bonds of 1927–1942	4	18,323,300	20,849,700	2,526,400	
Converted 4¼ per cent bonds of 1927–1942	4¼	1,288,056,450	3,083,678,100	1,795,621,650	
Total, second Liberty loan		1,306,379,750	3,104,527,800	1,798,148,050	
Third Liberty loan—					
4¼ per cent bonds of 1928	4¼	2,147,664,850	2,488,272,450	340,607,600	
Fourth Liberty loan—					
4¼ per cent bonds of 1933–1938	4¼	6,296,906,450	6,324,471,950	27,565,500	
Total war bonds		11,690,109,250	13,856,484,500	2,166,375,250	
3. Treasury bonds—					
Bonds of 1947–1952	4¼	762,320,300	763,948,300	1,628,000	
Bonds of 1944–1954	4	1,042,401,500	1,047,087,500	4,686,000	
Bonds of 1946–1956	3¾	491,212,100	494,898,100	3,686,000	
Bonds of 1943–1947	3⅜	467,801,650		[1] 467,801,650	
Total bonds		15,220,394,590	16,928,278,570	1,707,883,980	967,172,590
2. Notes—					
Treasury notes—					
One-year Treasury notes, act of Dec. 23, 1913	3				4,390,000
Series B 1926	4¼		414,922,300	414,922,300	
A 1927	4½	355,779,900	355,779,900		
B 1927	4¾		668,201,400	668,201,400	
A 1930–1932		1,320,914,650		[1] 1,320,914,650	
Adjusted service—					
Series A 1930	4	50,000,000	50,000,000		
A 1931	4	53,500,000	53,500,000		
B 1931	4	70,000,000	70,000,000		
A 1932		123,400,000		[1] 123,400,000	

[1] Increase.

PUBLIC DEBT OF THE UNITED STATES—continued

No. 24.—*Detail statement of outstanding debt at close of business June 30, 1927, compared with June 30, 1926, and June 30, 1916*—Continued

Description of loan	Interest rate (per cent)	Outstanding debt June 30, 1927	Outstanding debt June 30, 1926	Decrease in fiscal year 1927	Outstanding debt June 30, 1916
A. Interest-bearing debt—Continued.					
2. Notes—Continued.					
Civil Service Retirement Fund—					
Series 1931	------	$31, 200, 000. 00	----------	[1] $31, 200, 000. 00	----------
1932	------	14, 400, 000. 00	----------	[1] 14, 400, 000. 00	----------
Total Treasury notes	------	2, 019, 194, 550. 00	$1, 612, 403, 600. 00	[1] 406, 790, 950. 00	$4, 390, 000. 00
3. Certificates of indebtedness—					
Tax—					
Series TD 1926	3¾	----------	452, 879, 000. 00	452, 879, 000. 00	----------
Adjusted service series	4	16, 000, 000. 00	30, 400, 000. 00	14, 400, 000. 00	----------
Series TS 1927	------	229, 269, 500. 00	----------	[1] 229, 269, 500. 00	----------
TS–2 1927	------	150, 618, 000. 00	----------	[1] 150, 618, 000. 00	----------
TM 1928	------	306, 208, 000. 00	----------	[1] 306, 208, 000. 00	----------
Total tax certificates	------	702, 095, 500. 00	483, 279, 000. 00	[1] 218, 816, 500. 00	----------
4. War savings securities [2]—					
1. Treasury savings certificates, series 1921, issue of Dec. 15, 1921	4½	----------	1, 825, 235. 55	1, 825, 235. 55	----------
2. Treasury savings certificates, series 1922, issue of Dec. 15, 1921	4½	50, 878, 051. 85	95, 584, 471. 10	44, 706, 419. 25	----------
3. Treasury savings certificates, series 1922, issue of Sept. 30, 1922	4	14, 385, 784. 50	14, 558, 780. 95	172, 996. 45	----------
4. Treasury savings certificates, series 1923, issue of Sept. 30, 1922	4	127, 388, 258. 75	129, 448, 084. 95	2, 059, 826. 20	----------
5. Treasury savings certificates, series 1923, issue of Dec. 1, 1923	[3] 4½	23, 196, 942. 50	23, 509, 779. 60	312, 837. 10	----------
6. Treasury savings certificates, series 1924, issue of Dec. 1, 1923	[3] 4½	93, 410, 288. 35	94, 883, 337. 90	1, 473, 049. 55	----------
Total war savings securities	------	309, 259, 325. 95	359, 809, 690. 05	50, 550, 364. 10	----------
Total interest-bearing debt outstanding	------	18, 250, 943, 965. 95	19, 383, 770, 860. 05	1, 132, 826, 894. 10	971, 562, 590. 00
B. Matured debt on which interest has ceased (payable on presentation):					
1. Old debt matured at various dates prior to Apr. 1, 1917	------	2, 111, 260. 26	2, 324, 500. 26	213, 240. 00	1, 473, 100. 26
2. Certificates of indebtedness, at various interest rates, matured	------	1, 554, 500. 00	1, 890, 000. 00	335, 500. 00	----------
3. 3¾ per cent Victory notes of 1922–23	------	28, 250. 00	29, 000. 00	750. 00	----------
4. 4¾ per cent Victory notes of 1922–23	------	3, 151, 550. 00	4, 433, 100. 00	281, 550. 00	----------
5. Treasury notes at various interest rates, matured	------	7, 804, 800. 00	4, 651, 200. 00	[1] 3, 153, 600. 00	----------
6. Treasury savings certificates	------	56, 875. 00	----------	[1] 56, 875. 00	----------
Total matured debt outstanding on which interest has ceased	------	14, 707, 235. 26	13, 327, 800. 26	[1] 1, 379, 435. 00	1, 473, 100. 26
C. Debt bearing no interest (payable on presentation):					
1. Obligations required to be reissued when redeemed—					
United States notes	------	346, 681, 016. 00	346, 681, 016. 00	----------	346, 681, 016. 00
Less gold reserve	------	155, 420, 720. 98	154, 188, 886. 20	[1] 1, 231, 834. 78	152, 979, 025. 63
Excess of notes over reserve	------	191, 260, 295. 02	192, 492, 129. 80	1, 231, 834. 78	193, 701, 990. 37

[1] Increase.
[2] Amounts issued of Treasury (war) savings certificates of the series of 1919, 1920, and 1921 are on basis of reports of sales, taken at issue price; amounts retired are on basis of redemption value. Amounts issued and amounts outstanding of Treasury savings certificates, issue of Dec. 15, 1921, series of 1921 and 1922, and issue of Sept. 30, 1922, series of 1922 and 1923, are on basis of net redemption value, partly estimated, and for the issue of Dec. 15, 1921, include receipts from sales of Treasury savings stamps.
[3] Average rate.

PUBLIC DEBT OF THE UNITED STATES—continued

No. 24.—*Detail statement of outstanding debt at close of business June 30, 1927, compared with June 30, 1926, and June 30, 1916*—Continued

Description of loan	Interest rate (per cent)	Outstanding debt June 30, 1927	Outstanding debt June 30, 1926	Decrease in fiscal year 1927	Outstanding debt June 30, 1916
C. Debt bearing no interest—Continued.					
2. Obligations that will be retired on presentation—					
Old demand notes	------	$53, 012. 50	$53, 012. 50	----------	$53, 152. 50
National-bank notes and Federal reserve bank notes assumed by the United States on deposit of lawful money for their retirement	------	47, 605, 174. 50	47, 837, 812. 00	$232, 637. 50	51, 506, 237. 50
Fractional currency	------	1, 993, 383. 72	1, 994, 201. 66	817. 94	6, 848, 496. 90
Thrift and Treasury savings stamps, unclassified sales, etc	------	3, 611, 199. 15	3, 707, 263. 42	96, 064. 27	----------
Total debt bearing no interest outstanding	------	244, 523, 064. 89	246, 084, 419. 38	1, 561, 354. 49	252, 109, 877. 27
D. Total gross debt [2]	------	18, 510, 174, 266. 10	19, 643, 183, 079. 69	1, 133, 008, 813. 59	1, 225, 145, 567. 53
E. Plus matured interest obligations, etc.:					
1. Matured interest obligations outstanding	------	45, 518, 122. 21	49, 449, 755. 65	3, 931, 633. 44	909, 616. 85
2. Discount accrued (partly estimated) on war savings securities, matured series [3]	------	7, 812, 410. 00	10, 201, 765. 00	2, 389, 355. 00	----------
3. Treasury warrants and checks outstanding	------	1, 475, 424. 09	1, 818, 983. 03	343, 558. 94	2, 309, 205. 14
4. Disbursing officers' checks outstanding	------	89, 906, 356. 73	79, 179, 066. 84	[1] 10, 727, 289. 89	13, 843, 128. 26
Total matured interest obligations, etc	------	144, 712, 313. 03	140, 649, 570. 52	[1] 4, 062, 742. 51	17, 061, 950. 25
F. Total gross debt, plus matured interest obligations, etc	------	18, 654, 886, 579. 13	19, 783, 832, 650. 21	1, 128, 946, 071. 08	1, 242, 207, 517. 78
G. Less offsets to debt: [4]					
Cash balance held by Treasurer of the United States as per daily Treasury statements of June 30	------	234, 057, 409. 85	210, 002, 026. 71	[1] 24, 055, 383. 14	236, 879, 590. 90
H. Net debt, including matured interest obligations, etc.[4]	------	18, 420, 829, 169. 28	19, 573, 830, 623. 50	1, 153, 001, 454. 22	1, 005, 327, 926. 88

[1] Increase.
[2] The total gross debt June 30, 1927, on the basis of daily Treasury statements was $18,511,906,931.85 and the net amount of public debt redemptions and receipts in transit, etc., was $1,732,665.75.
[3] Accrued discount calculated on basis of exact accrual at rate of 4 per cent per annum compounded quarterly, with due allowance for cash redemptions to date.
[4] No deduction is made on account of obligations of foreign governments or other investments.

BUDGET STATEMENT No. 25

Securities owned by the United States Government, June 30, 1927

	June 30, 1926	June 30, 1927	Decrease
Bonds of foreign governments, funded debts	$4, 725, 490, 865. 00	$6, 818, 154, 785. 43	[1] $2, 092, 663, 920. 43
Obligations of foreign governments, cash advances less repayments of principal (acts Apr. 24 and Sept. 24, 1917)[2]	5, 242, 045, 463. 49	3, 561, 172, 481. 08	1, 680, 872, 982. 41
Foreign obligations, sale of surplus war supplies [2]	510, 838, 117. 78	483, 438, 940. 16	27, 399, 177. 62
Foreign obligations, American Relief Administration [2]	23, 318, 151. 95	18, 921, 966. 41	4, 396, 185. 54
Foreign obligations, U. S. Grain Corporation [2]	30, 860, 452. 51	30, 860, 452. 51	
Captial stock, U. S. Emergency Fleet Corporation, net	6, 613, 672. 75	15, 769, 078. 12	[1] 9, 155, 405. 37
Capital stock, Hoboken Manufacturers Railroad Co	400, 000. 00	400, 000. 00	
Capital stock, U. S. Housing Corporation, net	36, 153, 403. 42	32, 642, 324. 88	3, 511, 078. 54
Capital stock, U. S. Spruce Production Corporation	10, 000, 000. 00	99, 993. 00	9, 900, 007. 00
Obligations of carriers, act Mar. 21, 1917, B. & M. R. R	25, 950, 000. 00		25, 950, 000. 00
Equipment trust 6 per cent gold notes, act Mar. 21, 1918, M. & St. L. R. R. Co	302, 400. 00	268, 800. 00	33, 600. 00
Obligations of carriers, sec. 207, act Feb. 28, 1920	102, 114, 391. 00	83, 834, 391. 00	18, 280, 000. 00
Obligations of carriers, sec. 210, act Feb. 28, 1920	170, 746, 059. 64	146, 380, 885. 05	24, 365, 174. 59
Capital stock, Panama Railroad Co	7, 000, 000. 00	7, 000, 000. 00	
Capital stock, Inland Waterways Corporation	1, 500, 000. 00	[4, 000, 000. 00	[2] 2, 500, 000. 00
Capital stock, Federal land banks	1, 180, 440. 00	842, 008. 00	338, 432. 00
Capital stock, Federal intermediate credit banks	24, 000, 000. 00	25, 000, 000. 00	[1] 1, 000, 000. 00
Federal farm loan bonds	60, 495, 000. 00		60, 495, 000. 00
Securities, sale of surplus war supplies, War Department	3, 798, 754. 47	2, 860, 715. 35	938, 039. 12
Securities, sale of surplus war supplies, Navy Department	8, 341, 838. 43	6, 388, 842. 08	1, 952, 996. 35
Securities, sale of ships, Shipping Board	46, 012, 401. 22	50, 003, 375. 88	[1] 3, 990, 974. 66
Total	11, 037, 161, 411. 66	11, 288, 039, 038. 95	[1] 250, 877, 627. 29
MEMORANDUM			
Capital stock, U. S. Sugar Equilization Board (Inc.)	5, 000, 000. 00		5, 000, 000. 00
Offset by cash deposited in Treasury to credit of corporation	11, 379, 780. 45		11, 379, 780. 45
Capital stock, War Finance Corporation	1, 000, 000. 00	1, 000, 000. 00	
Offset by cash deposited in Treasury to credit of corporation	34, 090, 732. 16	61, 156, 513. 77	[1] 27, 055, 781. 16
Amount due United States, Pacific Railroad aid bonds	3, 466, 834. 82	3, 455, 555. 89	11, 278. 93

[1] Accrued and unpaid interest not included.

[2] Increase.

CUMULATIVE SINKING FUND STATEMENTS REPORTED BY THE SECRETARY OF THE TREASURY

Budget Statement No. 26

Cumulative sinking fund account, fiscal year 1927

Debits	Amount	Credits	Amount
A. Balance at beginning of year July 1, 1926	$109.02	C. Expenditures on account of principal: Net cash expenditures	$336,890,832.47
B. Sinking fund appropriations:			
1. 2½ per cent of aggregate amount of Liberty bonds and Victory notes outstanding on July 1, 1920, less par amount of obligations of foreign Governments purchased under the several Liberty loan acts and held by the United States on July 1, 1920 (sec. 6, Victory Liberty loan act of Mar. 3, 1919)	253,404,864.87		
2. Interest on bonds and notes purchased or redeemed prior to July 1, 1927 (par. (a), sec. 6, act approved Mar. 3, 1919, as amended by act approved Mar. 2, 1923)	83,485,942.38		
		D. Balance at end of year June 30, 1927	83.80
Total debits	336,890,916.27	Total credits	336,890,916.27

Budget Statement No. 27

Cumulative sinking fund account, estimated for fiscal year 1928

A. Balance at beginning of year July 1, 1927	$83.80	C. Expenditures on account of principal (estimated): Net cash expenditures	$353,850,942.45
B. Sinking fund appropriations:			
1. 2½ per cent of aggregate amount of Liberty bonds and Victory notes outstanding on July 1, 1920, less par amount of obligations of foreign Governments purchased under the several Liberty loan acts and held by the United States on July 1, 1920 (sec. 6, Victory Liberty loan act of Mar. 3, 1919)	253,404,864.87		
2. Interest (par. (a), sec. 6, act approved Mar. 3, 1919, as amended by act approved Mar. 2, 1923)—			
(1) One year's interest on bonds and notes purchased or redeemed prior to July 1, 1927	93,083,122.27		
(2) Interest on bonds and notes purchased or redeemed during fiscal year 1928 (estimated)	7,362,871.51		
Total debits	353,850,942.45	Total credits	353,850,942.45

Budget Statement No. 28

Cumulative sinking fund account, estimates for fiscal year 1929

A. Sinking fund appropriations:		B. Expenditures on account of principal (estimated):	
1. 2½ per cent of aggregate amount of Liberty bonds and Victory notes outstanding on July 1, 1920, less par amount of obligations of foreign Governments purchased under the several Liberty loan acts and held by the United States on July 1, 1920 (sec. 6, Victory Liberty loan act of Mar. 3, 1919)	$253,404,864.87	Net cash expenditures	$369,209,093.55
2. Interest (par. (a), sec. 6, act approved Mar. 3, 1919, as amended by act approved Mar. 2, 1923)—			
(1) One year's interest on bonds and notes purchased or redeemed prior to July 1, 1928 (estimated)	108,121,787.32		
(2) Interest on bonds and notes purchased or redeemed during fiscal year 1929 (estimated)	7,682,441.36		
Total debits	369,209,093.55	Total credits	369,209,093.55

Budget Statement No. 29

Proposed public-debt issues and redemptions and purchases, fiscal year 1929, compared with prior years

[On basis of daily Treasury statements]

	Fiscal year 1929		Fiscal year 1928		Fiscal year 1927	
EXPENDITURES						
Certificates of indebtedness		$1,250,000,000.00		$713,565,500.00		$454,493,500.00
Victory notes		500,000.00		500,000.00		1,284,450.00
Treasury notes and bonds and Liberty bonds		700,000,000.00		3,300,000,000.00		3,294,172,950.00
Treasury notes and certificates, adjusted service series		25,000,000.00		25,000,000.00		30,400,000.00
Treasury notes and certificates, civil service retirement fund series		17,340,000.00		16,074,000.00		13,700,000.00
Treasury (War) savings securities		100,000,000.00		175,000,000.00		64,162,481.55
Retirements of Federal reserve bank notes and national-bank notes		20,000,000.00		22,000,000.00		28,060,775.00
Loan of 1925						196,200.00
Old debt items		500,000.00		500,000.00		1,249,792.72
Total public debt expenditures		2,113,340,000.00		4,252,639,500.00		3,887,720,149.27
Deduct:						
Debt expenditures chargeable against ordinary receipts (as above)—						
Sinking fund	$369,209,093.00		$353,221,424.00		$333,528,400.00	
Purchase of Liberty bonds from foreign repayments	10,219,300.00		22,188,650.00		19,254,500.00	
Received from foreign governments under debt settlements	160,995,000.00		159,775,000.00		159,961,800.00	
Retirements from Federal reserve bank and Federal intermediate credit bank franchise tax receipts	1,000,000.00		800,000.00		1,231,834.78	
Retirements from gifts, forfeitures, etc	200,000.00		200,000.00		5,578,310.00	
		541,623,393.00		536,185,074.00		519,554,844.78
		1,571,716,607.00		3,716,454,426.00		3,368,165,304.49
RECEIPTS						
Treasury savings securities		5,176,324.00		9,170,620.00		13,572,408.43
Deposits to retire Federal reserve bank notes and national-bank notes		15,000,000.00		15,000,000.00		27,828,137.50
New issues of securities, including Treasury bonds, notes, and certificates		1,299,000,000.00		3,238,000,000.00		2,715,010,220.00
Total public-debt receipts		1,319,176,324.00		3,262,170,620.00		2,756,410,765.93
Excess of public-debt retirements over the retirements chargeable against ordinary receipts due to indicated surplus in ordinary receipts		252,540,283.00		454,283,806.00		[1] 611,754,538.56
		1,571,716,607.00		3,716,454,426.00		3,368,165,304.49

[1] Surplus, $635,809,921.70. Difference of $24,055,383.14 carried over as an increase in the general fund balance.

NOTE.—The expenditures on account of Treasury certificates of indebtedness and the receipts on account of new issues of securities, as shown in this statement, do not include Treasury certificates which are issued and retired within the same fiscal year.

BUDGET STATEMENT No. 30

Statement summarizing and comparing by classification services and grades for the fiscal years 1929, 1928, and 1927 the average number of employees, the average salary rates, and the total salaries of the personnel of the executive departments and independent establishments in the District of Columbia, classified under the act of March 4, 1923

Classification service and grade by department or establishment	Estimated expenditures, 1929			Estimated expenditures, 1928			Expended and obligated, 1927		
	Average number of employees	Average salary rate	Total salaries	Average number of employees	Average salary rate	Total salaries	Average number of employees	Average salary rate	Total salaries
Professional and scientific service:									
Grade 7, $7,500—									
Board of Tax Appeals	16	$10,000	$160,000	16	$10,000	$160,000	15.8	$10,000	$157,916
Federal Trade Commission	1	7,500	7,500	1	7,500	7,500	0.8	7,188	5,750
Interstate Commerce Commission	4	9,500	38,000	4	9,500	38,000	4	9,500	38,000
United States Shipping Board	1	10,000	10,000	1	10,000	10,000	1	10,000	10,000
United States Veterans' Bureau	2	7,500	15,000	2	7,500	15,000	2	7,500	15,000
Department of Agriculture	9	7,500	67,500	8.7	7,500	65,250	4.3	7,500	32,250
Department of Commerce	5	7,500	37,500	5	7,500	37,500	2.6	7,275	18,916
Department of the Interior	3	8,333	25,000	2.8	8,214	23,000	1.6	8,906	14,250
Department of Justice	11	8,545	93,995	9	8,777	78,993	9	8,777	78,993
Treasury Department	5	8,400	42,000	5	8,400	42,000	2	8,750	17,500
District of Columbia	1	7,500	7,500	1	7,500	7,500	1	6,000	6,000
Total	58	8,690	503,995	55.5	8,734	484,743	44.1	8,947	394,575
Grade 6, $6,000 to $7,500; average, $6,750—									
Alien Property Custodian							1	7,500	7,500
Civil Service Commission	1	6,000	6,000	1	6,000	6,000	0.3	6,000	1,800
Employees' Compensation Commission	1	7,000	7,000	1	7,000	7,000			
Federal Board of Vocational Education	4	6,750	27,000	4	6,750	27,000	3.9	6,816	26,584
Federal Power Commission	1	7,500	7,500	1	7,500	7,500	1	7,000	7,000
Federal Trade Commission	3	6,500	19,500	3	6,500	19,500	3	6,500	19,500
General Accounting Office	1	7,000	7,000	1	7,000	7,000	1	7,000	7,000
Interstate Commerce Commission	5	7,200	36,000	5	7,200	36,000	4	7,500	30,000
National Advisory Committee for Aeronautics	1	7,500	7,500	1	7,500	7,500	1	7,000	7,000
Smithsonian Institution	1	7,500	7,500	1	7,500	7,500	1	6,000	6,000
United States Shipping Board	1	7,500	7,500	1	7,500	7,500	1	7,500	7,500
United States Veterans' Bureau	2	6,750	13,500	2	6,750	13,500	0.8	6,000	4,800
Department of Agriculture	16	6,156	98,500	15	6,166	92,500	16.1	6,256	100,700
Department of Commerce	6	6,583	39,500	5	6,583	32,917	5.8	6,555	38,021
Department of the Interior	3	6,833	20,500	3	6,833	20,500	3.2	6,938	22,200
Department of Justice	18.5	6,682	123,625	18.5	6,682	123,625	20.2	6,432	129,934
Department of Labor	3	6,000	18,000	3	6,000	18,000	3	6,000	18,000
Post Office Department	1	6,500	6,500	1	6,500	6,500	1	6,000	6,000
State Department	2	6,250	12,500	2	6,000	12,000	2.3	5,819	13,384
Treasury Department	8	6,375	51,000	6	6,500	39,000	4.2	6,325	26,564
District of Columbia	1	6,000	6,000	1	6,000	6,000	1	6,000	6,000
Total	79.5	6,568	522,125	75.5	6,583	497,042	74.8	6,490	485,487
Grade 5, $5,200 to $6,000; average, $5,600—									
Alien Property Custodian				0.3	6,000	1,800	1	6,000	6,000
Board of Tax Appeals	16	5,600	89,600	17	5,397	91,760	4	5,408	21,633
Bureau of Efficiency							0.3	5,792	1,738
Civil Service Commission	1	5,200	5,200	1	5,200	5,200	1.6	5,275	8,440
Employees' Compensation Commission	1	5,200	5,200						
Federal Board for Vocational Education	5	5,640	28,200	5	5,520	27,660	4.5	5,377	24,196
Federal Trade Commission	30	5,313	159,390	29.6	5,309	157,146	29.7	5,306	157,588
General Accounting Office	6	5,600	33,600	6	5,600	33,600	4.3	5,569	24,133
Interstate Commerce Commission	61	5,596	341,396	63	5,598	352,674	59	5,550	327,463
National Advisory Committee for Aeronautics	1	5,600	5,600	1	5,600	5,600	0.7	5,200	3,596
Smithsonian Institution	6	5,400	32,400	6	5,400	32,400	5.8	5,200	30,160
Tariff Commission	4	5,500	22,000	4	5,500	22,000	3.7	5,640	20,867
United States Shipping Board	1	5,200	5,200	1	5,200	5,200	1	5,200	5,200
United States Veterans' Bureau	32	5,600	179,200	38	5,600	212,800	18.3	5,491	100,485
Department of Agriculture	130.7	5,374	702,383	125.2	5,384	674,252	112	5,323	596,187
Department of Commerce	77.4	5,471	423,449	74.7	5,482	409,707	70.3	5,435	382,118
Department of the Interior	33.9	5,324	180,477	32.3	5,338	172,404	32.1	5,319	170,750
Department of Justice	37	5,254	194,380	35	5,265	184,272	29.4	5,249	154,048
Department of Labor	4	5,350	21,400	4	5,350	21,400	4	5,250	21,000
Navy Department	21	5,352	112,400	21	5,348	112,316	21.3	5,281	112,479
Post Office Department	2	5,600	11,200	2	5,400	10,800	2	5,200	10,400
State Department	8	5,600	44,798	8	5,600	44,798	7.9	5,536	43,735
Treasury Department	45	5,542	249,378	45	5,533	248,978	41.3	5,545	228,993
War Department	8	5,400	43,200	8	5,400	43,200	8	5,400	43,200
District of Columbia	21	5,543	116,400	20	5,543	111,000	19.8	5,468	108,260
Total	552	5,446	3,006,451	547.1	5,450	2,980,967	482	5,400	2,602,669

No. 30.—*Statement summarizing and comparing by classification services and grades for the fiscal years 1929, 1928, and 1927 the average number of employees, the average salary rates, and the total salaries of the personnel of the executive departments and independent establishments in the District of Columbia, classified under the act of March 4, 1923*—Continued

Classification service and grade by department or establishment	Estimated expenditures, 1929			Estimated expenditures, 1928			Expended and obligated, 1927		
	Average number of employees	Average salary rate	Total salaries	Average number of employees	Average salary rate	Total salaries	Average number of employees	Average salary rate	Total salaries
Professional and scientific service—Continued.									
Grade 4, $3,800 to $5,000; average, $4,400—									
Alien Property Custodian				0.3	$5,000	$1,500	1	$5,000	$5,000
Board of Tax Appeals	5	$4,400	$22,000	5	3,880	19,400	1.6	3,946	6,313
Bureau of Efficiency	2	4,400	8,800	1	4,600	4,600	1.9	4,329	8,225
Civil Service Commission	6	3,867	23,200	5	3,880	19,400	4.6	3,887	17,880
Employees' Compensation Commission	2	4,400	8,800	2	4,400	8,800	1	4,000	4,000
Federal Board of Vocational Education	19	4,400	83,600	19	4,337	82,400	19.2	4,199	80,625
Federal Power Commission	7	4,029	28,203						
Federal Trade Commission	27	4,104	110,808	28.4	4,070	115,588	29.6	4,001	118,430
General Accounting Office	7	4,314	30,200	7	4,314	30,200	6.3	4,368	27,667
Interstate Commerce Commission	115	4,381	503,760	130	4,383	569,775	111.9	4,218	472,045
Smithsonian Institution	22	4,000	88,000	22	4,000	88,000	20.7	3,788	78,434
Tariff Commission	26	4,254	110,600	26	4,201	109,213	22.6	4,205	95,028
United States Shipping Board	1.2	4,033	4,840	1.2	4,033	4,840	1.3	4,044	5,257
United States Veterans' Bureau	83	4,400	365,200	86	4,400	378,400	76	4,356	331,056
Department of Agriculture	327.9	4,048	1,327,247	284.1	4,085	1,160,517	267.1	4,087	1,091,653
Department of Commerce	176.6	4,180	738,613	166.9	4,206	702,145	155.2	4,129	640,877
Department of the Interior	100.6	4,096	412,071	106.3	4,099	435,734	100.1	4,044	404,841
Department of Justice	19.3	4,112	79,354	18.3	4,129	75,557	20.7	4,257	88,110
Department of Labor	13	3,323	43,202	12	3,283	39,402	9.9	4,109	40,681
Navy Department	59	4,071	240,201	58.8	4,035	237,251	53.6	3,926	210,445
Post Office Department	3	4,267	12,800	3	4,067	12,200	3	3,867	11,600
State Department	12	3,983	47,798	10	3,960	39,600	7.6	4,070	30,930
Treasury Department	227	4,277	970,811	224.8	4,264	958,528	198.9	4,204	836,122
War Department	28	3,954	110,700	27	3,922	105,900	22.2	3,908	86,749
District of Columbia	32	4,100	131,199	32.8	4,032	132,239	26.9	4,065	109,344
Total	1,320.7	4,166	5,502,007	1,276.9	4,176	5,331,189	1,162.9	4,129	4,801,312
Grade 3, $3,000 to $3,600; average, $3,300—									
Board of Tax Appeals	7	3,300	23,100	7	3,042	21,294	6.4	3,135	20,066
Bureau of Efficiency	1	3,100	3,100				0.8	2,832	2,266
Civil Service Commission	5	3,080	15,400	5	3,080	15,400	5.3	3,090	16,377
Federal Trade Commission	23	3,179	73,117	22.4	3,166	70,918	22.5	3,133	70,493
General Accounting Office	16	3,250	52,000	16	3,250	52,000	15	3,307	49,600
Interstate Commerce Commission	152	3,203	487,085	132	3,249	428,808	95.3	3,219	306,100
National Advisory Committee for Aeronautics	1	3,300	3,300	0.5	3,000	1,500			
Public Buildings and Public Parks of the National Capital	1	3,100	3,100	1	3,000	3,000	1	3,000	3,000
Smithsonian Institution	16	3,093	49,500	15	3,100	46,500	13.4	2,999	40,190
Tariff Commission	23	3,235	74,400	23	3,235	74,400	21.2	3,286	69,665
U. S. Veterans' Bureau	78	3,300	257,400	81	3,300	267,300	66.6	3,219	214,385
Department of Agriculture	336.5	3,185	1,071,735	297.5	3,220	958,086	287.3	3,228	927,504
Department of Commerce	263.8	3,167	835,563	242.9	3,218	781,646	231.4	3,211	743,023
Department of the Interior	155.8	3,117	485,665	156.4	3,120	487,922	149	3,100	461,923
Department of Justice	16	3,249	51,984	16	3,167	50,672	14.1	3,154	44,473
Department of Labor	23	3,021	68,698	23.1	3,021	69,788	19.1	3,013	57,546
Navy Department	103.6	3,176	329,025	101.9	3,171	323,091	88.5	3,126	276,680
Post Office Department	7	3,243	22,699	7	3,100	21,700	7	3,000	21,000
State Department	22	3,158	69,486	22	3,123	68,695	19.7	3,208	63,200
Treasury Department	176	3,259	573,670	168	3,212	539,671	128.5	3,166	406,884
War Department	42	3,117	130,905	41	3,115	127,698	33.5	3,104	103,994
District of Columbia	45	3,138	141,200	37.5	3,139	117,699	39.8	3,142	125,048
Total	1,513.7	3,186	4,822,132	1,416.2	3,197	4,527,788	1,265.4	3,179	4,023,417
Grade 2, $2,400 to $3,000; average, $2,700—									
Alien Property Custodian				3	2,700	810	1	2,700	2,700
Board of Tax Appeals	6	2,700	16,200	6	2,533	15,198	2.7	2,460	6,644
Civil Service Commission	7	2,457	17,202	6	2,467	14,802	5.6	2,414	13,518
Employees' Compensation Commission	1	2,500	2,500	1	2,500	2,500	1	2,400	2,400
Federal Trade Commission	16	2,631	42,096	16.4	2,622	43,001	24.6	2,365	58,179
General Accounting Office	3	2,733	8,200	3	2,733	8,200	6.9	2,721	18,817
Interstate Commerce Commission	112	2,688	298,804	119	2,665	317,100	102.6	2,613	268,117
Public Buildings and Public Parks of the National Capital	1	2,600	2,600	1	2,600	2,600	1	2,600	2,600
Smithsonian Institution	10	2,529	25,290	10	2,529	25,290	9.4	2,648	24,900
Tariff Commission	15	2,700	40,498	15	2,700	40,498	14.5	2,690	38,999
United States Shipping Board	2	2,550	5,100	2	2,550	5,100	1.9	2,665	5,064
United States Veterans' Bureau	33	2,700	89,100	40	2,700	108,000	32.2	2,607	83,945
Department of Agriculture	266	2,571	683,875	230.3	2,595	597,618	233.1	2,577	600,806
Department of Commerce	274.3	2,574	706,152	242.4	2,581	625,665	224.6	2,598	583,512

No. 30.—*Statement summarizing and comparing by classification services and grades for the fiscal years 1929, 1928, and 1927 the average number of employees, the average salary rates, and the total salaries of the personnel of the executive departments and independent establishments in the District of Columbia, classified under the act of March 4, 1923*—Continued

Classification service and grade by department or establishment	Estimated expenditures, 1929			Estimated expenditures, 1928			Expended and obligated, 1927		
	Average number of employees	Average salary rate	Total salaries	Average number of employees	Average salary rate	Total salaries	Average number of employees	Average salary rate	Total salaries
Professional and scientific services—Continued.									
Grade 2, $2,400 to $3,000; average, $2,700—Continued.									
Department of the Interior	67.9	$2,523	$171,336	66.4	$2,522	$167,469	66.3	$2,493	$165,295
Department of Justice	9	2,524	22,720	8	2,515	20,117	9.2	2,555	23,506
Department of Labor	33	2,515	83,004	32.5	2,516	81,756	29.3	2,512	73,598
Navy Department	73	2,611	190,592	71	2,605	184,961	69.5	2,600	180,693
Post Office Department	2	2,750	5,500	2	2,700	5,400	2	2,597	5,183
State Department	7	2,529	17,700	7	2,486	17,399	5.1	2,586	13,186
Treasury Department	122	2,634	321,361	116	2,588	300,155	87.5	2,537	222,028
War Department	38	2,540	96,520	35	2,540	88,906	17.6	2,557	45,009
District of Columbia	70.3	2,519	177,099	73.3	2,499	183,197	67.8	2,492	168,973
Total	1,168.5	2,587	3,023,449	1,103.6	2,587	2,854,940	1,015.4	2,568	2,607,672
Grade 1, $1,860 to $2,400; average, $2,111.42—									
Board of Tax Appeals	2	2,100	4,200	1	1,860	1,860	3	2,085	6,253
Civil Service Commission	6	2,060	12,360	4	1,875	7,500	4.8	1,905	9,144
Federal Trade Commission	6	2,033	12,198	5.8	2,036	11,809	5.2	1,966	10,223
Interstate Commerce Commission	31	2,093	64,875	38	2,096	79,652	26.6	1,957	52,052
Smithsonian Institution	8	1,920	15,360	8	1,920	15,360	9.6	1,860	17,856
Tariff Commission	8	1,955	15,640	7	1,988	13,918	5.3	2,043	10,830
United States Veterans' Bureau							.9	2,090	1,881
Department of Agriculture	155.8	1,984	309,093	136.2	2,015	274,406	126.4	2,013	254,379
Department of Commerce	356.4	1,972	702,767	340.1	1,997	679,108	289.7	2,018	584,515
Department of the Interior	28	1,976	55,320	28	1,974	55,260	26.6	1,957	52,058
Department of Justice	10	2,175	21,748	10	1,995	19,946	9.3	2,038	18,958
Department of Labor	17	1,911	32,483	16	1,911	30,581	16.3	1,912	31,173
Navy Department	29	1,981	57,461	28	1,947	54,511	24.9	1,936	48,208
Post Office Department	2	2,080	4,160	2	2,030	4,060	1.2	1,980	2,376
State Department	5	1,936	9,678	5	1,912	9,558	4.6	1,884	8,667
Treasury Department	12	2,047	24,559	10	2,023	20,229	7.3	2,058	15,025
War Department	8	1,988	15,900	8	2,000	16,000	5.9	2,001	11,807
District of Columbia	21	1,417	39,760	20	1,886	37,720	23.9	1,880	44,934
Total	705.2	1,982	1,397,562	667.1	1,996	1,331,478	591.5	1,996	1,180,339
Subprofessional service:									
Grade 8, $2,400 to $3,000; average, $2,700—									
Interstate Commerce Commission	8	2,700	21,600	12	2,700	32,400	6.3	2,508	15,800
Smithsonian Institution	1	2,500	2,500	1	2,500	2,500	1	2,400	2,400
United States Veterans' Bureau	4	2,700	10,800	4	2,700	10,800	3.2	2,667	8,534
Department of Agriculture	20	2,595	51,900	19.1	2,596	51,667	20.4	2,516	51,329
Department of Commerce	30	2,579	77,389	29.1	2,589	75,349	23.5	2,551	59,962
Department of the Interior	21	2,529	53,104	20.8	2,514	52,281	24.2	2,509	60,717
Department of Labor	1	3,000	3,000	1	3,000	3,000	1	3,000	3,000
Navy Department	32	2,653	84,891	32	2,622	83,891	34.6	2,594	89,745
Post Office Department	2	2,700	5,400	2	2,650	5,300	2	2,533	5,066
Treasury Department	14	2,579	36,099	12	2,548	30,579	6.7	2,427	16,263
War Department	7	2,457	17,200	5	2,480	12,400	5	2,480	12,400
District of Columbia	17	2,512	42,700	17	2,512	42,700	15.7	2,486	39,030
Total	157	2,590	406,583	155	2,599	402,867	143.6	2,537	364,246
Grade 7, $2,100 to $2,700; average, $2,400—									
Federal Board for Vocational Education							0.2	409	409
Federal Power Commission	1	2,600	2,600						
National Advisory Committee for Aeronautics	1	2,600	2,600	1	2,600	2,600	1	2,500	2,500
Smithsonian Institution	5	2,260	11,300	5	2,260	11,300	4.2	2,134	8,964
United States Veterans' Bureau	2	2,400	4,800	2	2,400	4,800	1.5	2,294	3,441
Department of Agriculture	37	2,303	85,196	37	2,303	85,196	35.2	2,293	80,715
Department of Commerce	17.2	2,402	41,317	17.2	2,390	41,117	15.9	2,330	37,065
Department of the Interior	24	2,325	55,794	26.5	2,326	61,627	26.7	2,314	61,779
Department of Labor	1	2,400	2,400	1	2,400	2,400	0.6	2,400	1,440
Navy Department	5	2,240	11,201	5	2,200	11,000	3.4	2,178	7,406
Post Office Department	2	2,400	4,800	2	2,350	4,700	2	2,288	4,575
Treasury Department	2	2,350	4,700	2	2,300	4,600	2.2	2,382	5,240
War Department	4	2,225	8,900	4	2,250	9,000	3.9	2,254	8,791
District of Columbia	28	2,135	59,780	27	2,133	57,600	17.4	2,090	36,372
Total	129.2	2,286	295,388	129.7	2,282	295,940	114.2	2,265	258,697

No. 30.—*Statement summarizing and comparing by classification services and grades for the fiscal years 1929, 1928, and 1927 the average number of employees, the average salary rates, and the total salaries of the personnel of the executive departments and independent establishments in the District of Columbia, classified under the act of March 4, 1923*—Continued

Classification service and grade by department or establishment	Estimated expenditures, 1929			Estimated expenditures, 1928			Expended and obligated, 1927		
	Average number of employees	Average salary rate	Total salaries	Average number of employees	Average salary rate	Total salaries	Average number of employees	Average salary rate	Total salaries
Subprofessional service—Continued.									
Grade 6, $1,860 to $2,400; average, $2,111.42—									
Board of Tax Appeals	1	$2,200	$2,200	1	$2,200	$2,200	1	$2,050	$2,050
Civil Service Commission	2	2,100	4,200	2	1,920	3,840	2	1,920	3,840
Federal Power Commission	1	2,100	2,100						
Interstate Commerce Commission	5	2,149	10,744	24	2,119	50,853	5	2,115	10,576
Smithsonian Institution	15	1,949	29,246	15	1,949	29,246	15	1,883	28,250
United States Veterans' Bureau	22	2,100	46,200	22	2,100	46,200	16.8	1,985	33,288
Department of Agriculture	88.9	2,026	180,102	86.2	2,044	176,171	83.7	2,038	170,589
Department of Commerce	77.3	2,010	155,416	75.3	2,011	151,456	71.1	2,036	144,781
Department of the Interior	51	1,964	100,174	47.9	1,960	93,892	45.6	1,938	88,388
Department of Justice	1	2,400	2,400	1	2,400	2,400	1	2,338	2,338
Department of Labor	1	1,860	1,860	1	1,860	1,860	1	1,860	1,860
Navy Department	46.7	1,998	93,300	47.7	1,978	94,374	34.9	1,967	68,629
Post Office Department	11	1,985	21,835	6	2,020	12,120	5.1	1,963	10,011
State Department	4	1,860	7,440						
Treasury Department	8	2,013	16,100	7.9	1,982	15,654	6.9	2,050	14,144
War Department	29	2,007	58,203	26.8	1,992	53,380	22.3	2,025	45,164
District of Columbia	87	1,901	165,376	82.5	1,893	156,170	67.6	1,901	128,524
Total	450.9	1,989	896,896	446.3	1,994	889,816	379	1,985	752,432
Grade 5, $1,680 to $2,040; average, $1,860—									
Civil Service Commission	2	1,860	3,720	2	1,740	3,480	1.6	1,738	2,781
Federal Board of Vocational Education	1	1,860	1,860	1	1,800	1,800	1	1,740	1,740
Federal Power Commission	1	1,860	1,860						
Interstate Commerce Commission	10	1,860	18,600	19	1,860	36,060	10.2	1,740	17,753
National Advisory Committee for Aeronautics	4	1,830	7,320	3.7	1,827	6,762	3.5	1,825	6,390
Smithsonian Institution	13	1,752	22,788	12	1,759	21,108	8.7	1,705	14,833
United States Veterans' Bureau	5	1,860	9,300	5	1,860	9,300	2.3	1,661	3,820
Department of Agriculture	69	1,764	121,722	62.8	1,768	111,004	60.1	1,768	106,234
Department of Commerce	37.6	1,779	66,905	31.4	1,789	56,204	33.1	1,816	60,139
Department of the Interior	47.8	1,738	83,072	47.4	1,744	82,663	47.3	1,730	81,806
Department of Justice	1	1,800	1,800	1	1,680	1,680	0.2	1,680	336
Department of Labor	3	1,720	5,160	3	1,720	5,160	3	1,700	5,100
Navy Department	15	1,848	27,719	15	1,816	27,243	27.2	1,798	48,910
Post Office Department	5	1,836	9,180	5	1,812	9,060	5	1,770	8,850
State Department	5	1,692	8,460	1	1,740	1,740	1.2	1,767	2,120
Treasury Department	16	1,849	27,580	16	1,834	29,340	16.7	1,789	29,874
War Department	17	1,807	30,720	17	1,811	30,780	16.4	1,805	29,596
District of Columbia	149	1,740	259,231	146	1,726	251,940	150.4	1,709	257,029
Total	401.4	1,761	706,997	388.3	1,765	685,324	387.9	1,746	677,311
Grade 4, $1,500 to $1,860; average, $1,680—									
Federal Trade Commission	2	1,680	3,360	2	1,667	3,334	2.2	1,634	3,595
General Accounting Office	1	1,740	1,740	1	1,740	1,740	1	1,715	1,715
National Advisory Committee for Aeronautics	1	1,620	1,620	1	1,560	1,560	1	1,500	1,500
Public Buildings and Public Parks of the National Capital	1	1,740	1,740	1	1,740	1,740	1	1,740	1,740
Smithsonian Institution	5	1,536	7,680	5	1,536	7,680	4.8	1,502	7,210
Tariff Commission	1	1,740	1,740	1	1,740	1,740	0.9	1,740	1,595
United States Shipping Board	1	1,680	1,680	1	1,680	1,680	1	1,583	1,583
Department of Agriculture	84	1,599	134,307	81.3	1,604	130,402	80.8	1,598	129,150
Department of Commerce	66.2	1,601	106,995	62.3	1,616	100,735	62.3	1,609	100,264
Department of the Interior	146.5	1,568	229,652	142.2	1,569	223,140	128.5	1,602	205,805
Department of Labor	1	1,620	1,620	1	1,620	1,620	1	1,580	1,580
Navy Department	10	1,632	16,317	10	1,608	16,079	10.7	1,612	17,251
State Department	4	1,530	6,120	2	1,530	3,060	1.3	1,512	1,966
Treasury Department	15	1,628	24,420	14.5	1,628	23,610	16.1	1,617	26,038
War Department	13	1,685	21,900	14	1,684	23,575	13.7	1,672	22,900
District of Columbia	108	1,548	167,156	96.9	1,538	148,999	96.6	1,531	147,924
Total	459.7	1,584	728,047	436.2	1,583	690,694	422.9	1,589	671,816

No. 30.—*Statement summarizing and comparing by classification services and grades for the fiscal years 1929, 1928, and 1927 the average number of employees, the average salary rates, and the total salaries of the personnel of the executive departments and independent establishments in the District of Columbia, classified under the act of March 4, 1923*—Continued

Classification service and grade by department or establishment	Estimated expenditures, 1929			Estimated expenditures, 1928			Expended and obligated, 1927		
	Average number of employees	Average salary rate	Total salaries	Average number of employees	Average salary rate	Total salaries	Average number of employees	Average salary rate	Total salaries
Subprofessional service—Continued.									
Grade 3, $1,320 to $1,680; average, $1,500—									
General Accounting Office	1	$1,440	$1,440	1	$1,440	$1,440	1	$1,440	$1,440
National Advisory Committee for Aeronautics	1	1,440	1,440	1	1,320	1,320			
Smithsonian Institution	5	1,380	6,900	5	1,380	6,900	4.9	1,315	6,444
Tariff Commission							0.1	1,680	140
United States Veterans' Bureau							1.2	1,458	1,749
Department of Agriculture	57	1,419	80,913	57	1,419	80,913	52.9	1,420	75,136
Department of Commerce	42	1,374	57,721	36.6	1,372	50,232	20.7	1,375	36,728
Department of the Interior	64	1,354	86,662	63.9	1,356	86,653	56.7	1,386	78,565
Department of Justice							0.8	1,680	1,344
Navy Department	20	1,470	29,398	20	1,437	28,740	17.5	1,421	24,872
State Department	1	1,320	1,320				0.9	1,320	1,188
Treasury Department	4	1,366	5,464	3.5	1,346	4,710	2.1	1,324	2,781
War Department	13	1,426	18,540	13	1,417	18,420	13	1,405	18,266
District of Columbia	92.5	1,369	126,675	86.5	1,355	117,250	82.3	1,354	111,394
Total	300.5	1,386	416,473	287.5	1,379	396,578	260.1	1,384	360,047
Grade 2, $1,140 to $1,500; average, $1,320—									
Bureau of Efficiency	1	1,320	1,320				0.4	1,188	475
Federal Trade Commission	1	1,320	1,320	1	1,320	1,320	1	1,320	1,320
Smithsonian Institution	9	1,253	11,277	9	1,253	11,277	11.5	1,164	13,386
Department of Agriculture	62.4	1,241	77,460	61.1	1,239	75,712	63.3	1,207	76,356
Department of Commerce	39.9	1,201	47,944	36.9	1,206	44,538	34.1	1,199	40,894
Department of the Interior	471.3	1,163	547,935	480.9	1,162	558,880	464.6	1,213	563,601
Department of Labor	2	1,200	2,400	2	1,200	2,400	1.6	1,190	1,904
Navy Department	4	1,260	5,040	4	1,215	4,860	5.5	1,171	6,438
Treasury Department	1	1,140	1,140	0.5	1,140	570	0.1	1,500	150
War Department	6	1,230	7,380	3	1,220	3,660	1.6	1,128	1,804
District of Columbia	125.3	1,175	147,169	124.8	1,168	145,773	122.4	1,165	142,636
Total	722.9	1,176	850,385	723.2	1,174	848,990	706.1	1,202	848,964
Grade 1, $900 to $1,260, average, $1,080—									
Bureau of Efficiency				1	1,080	1,080	0.6	908	545
Smithsonian Institution	1	900	900	1	900	900	1.5	900	1,350
Department of Agriculture	63.8	1,027	65,513	61.8	1,031	63,715	60	1,032	61,960
Department of Commerce	30.6	961	29,437	28.6	954	27,297	28.5	930	26,513
Department of the Interior	8	967	7,738	8	967	7,738	14.6	929	13,562
Department of Justice	1	1,260	1,260	1	1,260	1,260	1	1,260	1,260
Department of Labor							0.1	960	96
Navy Department	2	1,050	2,100	2	990	1,980	2.1	1,012	2,125
District of Columbia	24.9	907	22,590	24.3	900	21,930	17.8	900	16,020
Total	131.3	987	129,538	127.7	986	125,900	126.2	978	123,431
Clerical, administrative, and fiscal service:									
Grade 14, $7,500—									
Executive Office	1	10,000	10,000	1	10,000	10,000	1	10,000	10,000
Board of Mediation	5	12,000	60,000	5	12,000	60,000	5	11,933	59,667
Bureau of Efficiency	1	7,500	7,500	1	7,500	7,500	0.3	7,500	2,250
Civil Service Commission	3	7,500	22,500	3	7,500	22,500	1	7,500	7,500
Federal Radio Commission	5	3,600	18,000	2	10,000	20,000	0.8	10,000	8,000
Federal Trade Commission	5	10,000	50,000	5	10,000	50,000	4.4	10,082	44,261
General Accounting Office	2	8,750	17,500	2	8,750	17,500	1.3	8,750	12,500
Interstate Commerce Commission	3	9,667	29,000	3	9,667	29,000	3	9,333	28,000
Tariff Commission	6	7,500	45,000	6	7,500	45,000	6	7,476	44,854
United States Shipping Board	7	12,000	84,000	7	12,000	84,000	7	12,000	84,000
United States Veterans' Bureau	2	9,750	19,500	2	9,750	19,500	1.8	10,046	18,082
Department of Agriculture	2	11,250	22,500	2	11,250	22,500	2	11,250	22,500
Department of Commerce	2	7,500	15,000	2	7,500	15,000	1.8	7,500	13,500
Department of the Interior	3	10,000	30,000	3	10,000	30,000	3	10,000	30,000
Department of Labor	3	10,000	30,000	3	10,000	30,000	3	10,000	30,000
Navy Department	3	10,000	30,000	3	10,000	30,000	2.9	10,086	29,249
Post Office Department	5	9,000	45,000	5	9,000	45,000	5	9,000	45,000
State Department	6	8,750	52,500	6	8,750	52,500	6.9	8,587	59,250
Treasury Department	22	8,881	195,398	21.9	8,865	194,147	18	9,313	167,633
War Department	3	10,833	32,500	3	10,833	32,500	2.9	10,833	32,188
District of Columbia	2	7,500	15,000	2	7,500	15,000	2	7,500	15,000
Total	91	9,310	830,898	87.9	9,461	831,647	79.1	9,653	763,534

No. 30.—*Statement summarizing and comparing by classification services and grades for the fiscal years 1929, 1928, and 1927 the average number of employees, the average salary rates, and the total salaries of the personnel of the executive departments and independent establishments in the District of Columbia, classified under the act of March 4, 1923*—Continued

Classification service and grade by department or establishment	Estimated expenditures, 1929			Estimated expenditures, 1928			Expended and obligated, 1927		
	Average number of employees	Average salary rate	Total salaries	Average number of employees	Average salary rate	Total salaries	Average number of employees	Average salary rate	Total salaries
Clerical, administrative, and fiscal service—Continued.									
Grade 13, $6,000 to $7,500; average, $6,750—									
Executive Office	2	$6,500	$13,000	2	$6,000	$12,000	2	$6,000	$12,000
Alien Property Custodian	1	7,500	7,500	1	7,500	7,500	1	7,500	7,500
Board of Mediation	1	7,500	7,500	1	7,500	7,500	1	7,433	7,433
Bureau of Efficiency	1	6,500	6,500	1	6,500	6,500	1	7,050	7,050
Civil Service Commission							2	6,667	13,334
Employees' Compensation Commission	3	6,666	20,000	3	6,666	20,000	0.5	6,000	3,000
Federal Power Commission	1	7,500	7,500						
General Accounting Office	1	6,000	6,000	1	6,000	6,000	1.5	6,750	9,500
Interstate Commerce Commission	3	7,500	22,500	3	7,500	22,500	3	7,500	22,500
Tariff Commission	1	6,000	6,000	1	6,000	6,000	1	6,000	6,000
United States Veterans' Bureau	3	6,750	20,250	3	6,750	20,250	3.2	6,654	21,292
Department of Commerce	6	7,250	43,500	6	7,250	43,500	4.2	7,095	29,800
Department of the Interior	4	7,250	29,000	4	7,250	29,000	4	6,875	27,500
Department of Justice	2	6,750	13,500	2	6,750	13,500	1.6	6,938	11,100
Department of Labor	1	6,500	6,500	1	6,500	6,500	1	6,500	6,500
Post Office Department	1	6,500	6,500	1	6,500	6,500	0.9	6,000	5,400
Treasury Department	18	6,778	122,000	15.1	6,825	103,050	12.8	6,582	84,249
District of Columbia	1	6,000	6,000	1	6,000	6,000	0.5	6,000	3,000
Total	50	6,875	343,750	46.1	6,861	316,300	41.2	6,727	277,158
Grade 12, $5,200 to $6,000; average, $5,600—									
Executive Office	1	5,200	5,200	1	5,200	5,200	1	5,200	5,200
Board of Mediatinn	3	5,400	16,200	3	5,400	16,200	3	5,064	15,192
Board of Tax Appeals	3	5,600	16,800	3	5,600	16,800	1.3	5,600	7,733
Bureau of Efficiency	5	5,400	27,000	4	5,275	21,100	5.7	5,410	30,837
Civil Service Commission	1	5,200	5,200	1	5,200	5,200	1	5,200	5,200
Employees' Compensation Commission	1	5,600	5,600	1	5,600	5,600	2.5	5,600	14,000
Federal Radio Commission	1	5,600	5,600	0.7	5,600	3,920	0.2	5,600	1,120
Federal Trade Commission	2	5,600	11,200	2	5,600	11,200	2.5	5,280	13,200
General Accounting Office	4	5,400	21,600	4	5,400	21,600	3.8	5,467	20,500
Interstate Commerce Commission	19	5,705	108,397	19	5,705	108,397	18	5,711	102,797
National Advisory Committee for Aeronautics	1	5,800	5,800	1	5,800	5,800			
Public Buildings and Public Parks of the National Capital	1	5,200	5,200	1	5,200	5,200	1	5,200	5,200
Smithsonian Institution	1	5,400	5,400	1	5,400	5,400	1	5,200	5,200
Tariff Commission	1	6,000	6,000	1	6,000	6,000	1	5,250	5,250
U. S. Shipping Board	1	5,600	5,600	1	5,600	5,600	1	5,373	5,373
U. S. Veterans' Bureau	10	5,600	56,000	10	5,600	56,000	8.8	5,551	48,848
Department of Agriculture	18.7	5,404	101,059	18.7	5,404	101,059	17.4	5,271	91,725
Department of Commerce	23.7	5,541	131,440	22.4	5,534	123,980	18.7	5,655	105,759
Department of the Interior	7	5,486	38,400	7	5,486	38,400	7	5,314	37,200
Department of Justice	6	5,500	33,000	6	5,500	33,000	5.7	5,431	30,955
Department of Labor	4	5,400	21,600	4	5,400	21,600	2.7	5,422	14,640
Navy Department	3	5,534	16,600	3	5,528	16,583	2.5	5,520	13,800
Post Office Department	12	5,583	67,000	12	5,383	64,600	10.6	5,200	55,120
State Department	1	5,600	5,600	1	5,600	5,600	1	5,600	5,600
Treasury Department	31	5,613	174,000	30.6	5,609	171,640	31.2	5,555	173,322
War Department	1	5,200	5,200	1	5,200	5,200	1	5,200	5,200
District of Columbia	5	5,400	27,000	5	5,240	26,200	3.5	5,428	19,000
Total	167.4	5,542	927,696	164.4	5,518	907,079	153.1	5,473	837,971
Grade 11, $3,800 to $5,000; average, $4,400—									
Board of Mediation	5	4,080	21,400	9.4	4,131	44,200	4.3	4,125	17,749
Board of Tax Appeals	3	4,533	13,600	3	4,133	12,400	0.5	4,280	2,141
Bureau of Efficiency	11	4,250	46,750	9	4,250	38,250	7.7	4,163	32,055
Civil Service Commission	5	4,080	20,400	5	4,080	20,400	5	4,080	20,400
Federal Power Commission	1	3,800	3,800						
Federal Radio Commission	1	4,000	4,000	0.7	3,800	2,660	0.3	3,800	1,140
Federal Trade Commission	3	4,067	12,201	2.8	4,075	11,410	1.5	3,867	5,800
General Accounting Office	18	3,978	71,600	18	3,978	71,600	17.4	4,058	70,333
Interstate Commerce Commission	35	4,377	153,183	37	4,378	161,983	33.1	4,344	143,791
National Advisory Committee for Aeronautics							1	5,000	5,000
Tariff Commission	2	4,000	8,000	2	4,000	8,000	2	4,000	8,000
United States Shipping Board							0.9	4,911	4,420
United States Veterans' Bureau	30	4,400	132,000	30	4,400	132,000	23.8	4,255	101,269
Department of Agriculture	61.2	4,121	252,233	56.1	4,114	232,813	50.3	4,155	209,027
Department of Commerce	34	4,382	149,000	31.2	4,428	138,180	34	4,347	147,804
Department of the Interior	12	4,183	50,200	12.5	4,136	51,700	10.1	4,040	40,806

No. 30.—*Statement summarizing and comparing by classification services and grades for the fiscal years 1929, 1928, and 1927 the average number of employees, the average salary rates, and the total salaries of the personnel of the executive departments and independent establishments in the District of Columbia, classified under the act of March 4, 1923*—Continued

Classification service and grade by department or establishment	Estimated expenditures, 1929			Estimated expenditures, 1928			Expended and obligated, 1927		
	Average number of employees	Average salary rate	Total salaries	Average number of employees	Average salary rate	Total salaries	Average number of employees	Average salary rate	Total salaries
Clerical, administrative, and fiscal service—Continued.									
Grade 11, $3,800 to $5,000; average, $4,400—Continued.									
Department of Justice	4	$4,150	$16,600	3	$4,200	$12,600	3.2	$4,523	$14,474
Department of Labor	4	4,600	18,400	4	4,600	18,400	3.9	4,457	17,380
Navy Department	4	4,400	17,600	4	4,396	17,583	4.5	4,367	19,650
Post Office Department	13	4,354	56,600	13	4,262	55,400	13.5	4,111	55,500
State Department	9	4,288	38,592	9	4,222	37,998	8.2	4,220	34,604
Treasury Department	147	4,331	536,667	145.4	4,312	627,029	151.8	4,214	639,623
War Department	2	4,100	8,200	2	4,100	8,200	1.3	4,082	5,307
District of Columbia	7	4,285	30,000	7	4,257	29,800	6	4,216	25,300
Total	411.2	4,273	1,761,026	404.1	4,288	1,732,606	384.3	4,220	1,621,573
Grade 10, $3,300 to $3,900; average, $3,600—									
Executive Office	1	3,600	3,600	1	3,300	3,300	1	3,300	3,300
Board of Tax Appeals							0.4	3,300	1,448
Bureau of Efficiency	2	3,500	7,000	4	3,400	13,600	0.3	3,600	10,800
Civil Service Commission	2	3,600	7,200	2	3,450	6,900	1.3	3,531	4,590
Employees' Compensation Commission	1	3,600	3,600	1	3,600	3,600	0.6	3,278	1,967
Federal Power Commission	1	3,300	3,300						
General Accounting Office	14	3,407	47,700	14	3,407	47,700	8.9	3,506	30,966
Interstate Commerce Commission	12	3,583	43,000	12	3,583	43,000	11.7	3,592	42,032
Public Buildings and Public Parks of the National Capital	2	3,500	7,000	2	3,500	7,000	2	3,500	7,000
Smithsonian Institution	1	3,400	3,400	1	3,400	3,400	1	3,300	3,300
United States Geographic Board	1	3,600	3,600	1	3,600	3,600	0.8	3,600	2,800
United States Shipping Board	1	3,600	3,600	1	3,600	3,600	1.1	3,523	3,875
United States Veterans' Bureau	24	3,600	86,400	24	3,600	86,400	14.5	3,561	51,634
Department of Agriculture	15	3,496	52,445	14.5	3,503	50,795	14.9	3,469	51,695
Department of Commerce	18	3,572	64,300	17.6	3,588	62,800	18.5	3,560	65,863
Department of the Interior	15	3,400	51,000	13.8	3,383	46,680	14.5	3,347	48,527
Department of Justice	8	3,483	27,861	8	3,483	27,861	8	3,681	29,460
Department of Labor	1	3,500	3,500	1	3,500	3,500	1	3,500	3,500
Navy Department	5	3,760	18,800	4.9	3,741	18,332	4	3,690	14,758
Post Office Department	5	3,600	18,000	5	3,560	17,800	5	3,500	17,500
State Department	3	3,663	10,689	3	3,533	10,699	3	3,533	10,599
Treasury Department	97	3,594	348,660	96	3,589	344,560	105	3,545	372,199
War Department	8	3,475	27,800	8	3,474	27,791	9.2	3,468	31,902
District of Columbia	13	3,438	44,700	13	3,369	43,800	10.7	3,357	35,914
Total	250	3,549	887,155	247.7	3,539	876,618	237.4	3,562	845,629
Grade 9, $3,000 to $3,600; average, $3,300—									
Executive Office	4	3,050	12,200	4	3,000	12,000	4	3,000	12,000
Board of Mediation	2	3,150	6,300	2	3,150	6,300	0.5	3,298	1,649
Bureau of Efficiency	10	3,200	32,000	12	3,175	38,100	4.8	3,241	16,557
Civil Service Commission	17	3,036	51,614	7	3,086	21,614	7	3,086	21,614
Employees' Compensation Commission	2	3,250	6,500	2	3,250	6,500	1.7	3,333	5,666
Federal Board for Vocational Education	1	3,400	3,400	1	3,400	3,400	1.2	3,252	3,892
Federal Trade Commission	5	3,220	16,100	5.2	3,240	16,848	5.3	3,293	17,453
General Accounting Office	18	3,128	56,300	18	3,128	56,300	12.8	3,200	41,067
Interstate Commerce Commission	41	3,239	132,804	48	3,248	155,904	34.1	3,278	111,781
National Advisory Committee for Aeronautics	1	3,600	3,600	1	3,500	3,500	1	3,400	3,400
Public Buildings and Public Parks of the National Capital	2	3,050	6,100	2	3,050	6,100	2	3,050	6,100
Smithsonian Institution	3	3,100	9,300	3	3,100	9,300	3	3,000	9,000
Tariff Commission	5	3,080	15,400	5	3,080	15,400	4	3,150	12,600
United States Shipping Board	2	3,250	6,500	2	3,250	6,500	2	3,250	6,500
United States Veterans' Bureau	43	3,300	141,900	43	3,300	141,900	31.7	3,264	103,468
Department of Agriculture	68	3,259	221,662	66.3	3,268	216,654	66.9	3,279	219,397
Department of Commerce	68.2	3,282	223,894	64.8	3,291	213,269	58.4	3,224	188,316
Department of the Interior	29	3,128	90,707	30	3,106	93,176	30.3	3,070	93,029
Department of Justice	5.9	3,247	19,155	5.9	3,229	19,052	4.7	3,272	15,381
Department of Labor	13	3,154	41,000	13	3,153	40,992	13.5	3,152	42,548
Navy Department	15	3,250	48,750	14.2	3,274	46,488	16.1	3,247	52,272
Post Office Department	34	3,253	110,598	34	3,153	107,202	32.6	3,054	99,550
State Department	9	3,110	27,994	9	3,078	27,700	8.2	3,164	25,944
Treasury Department	313	3,255	1,018,843	311.1	3,256	1,012,843	320	3,199	1,023,713
War Department	19	3,179	60,400	17	3,165	53,800	19.2	3,139	60,420
District of Columbia	17	3,200	54,400	16	3,187	51,000	14.8	3,137	46,426
Total	747.1	3,236	2,417,421	736.5	3,234	2,381,842	699.8	3,199	2,238,743

No. 30.—*Statement summarizing and comparing by classification services and grades for the fiscal years 1929, 1928, and 1927 the average number of employees, the average salary rates, and the total salaries of the personnel of the executive departments and independent establishments in the District of Columbia, classified under the act of March 4, 1923*—Continued

Classification service and grade by department or establishment	Estimated expenditures, 1929			Estimated expenditures, 1928			Expended and obligated, 1927		
	Average number of employees	Average salary rate	Total salaries	Average number of employees	Average salary rate	Total salaries	Average number of employees	Average salary rate	Total salaries
Clerical, administrative, and fiscal service—Continued.									
Grade 8, $2,700 to $3,300; average $3,000—									
Executive Office	2	$2,750	$5,500	2	$2,700	$5,400	2	$2,700	$5,400
Alien Property Custodian				.3	3,000	900	1	2,200	2,200
Civil Service Commission	6	2,783	16,700	5	2,800	14,000	5	2,800	14,000
Commission of Fine Arts	1	3,000	3,000	1	3,000	3,000	1	2,590	2,590
Employees' Compensation Commission							0.7	2,900	2,030
Federal Radio Commission	1	2,900	2,900	.7	2,700	1,890	0.2	2,400	480
Federal Trade Commission	5	3,000	15,000	5	3,000	15,000	2.4	3,109	7,462
General Accounting Office	43	2,763	118,800	43	2,763	118,800	37.1	2,783	103,217
Interstate Commerce Commission	41	2,923	119,831	44	2,928	128,831	27.3	2,899	79,149
Public Buildings and Public Parks of the National Capital	6	3,000	18,000	6	2,933	17,600	6	2,867	17,200
Smithsonian Institution	1	3,100	3,100	1	3,100	3,100	1	3,000	3,000
United States Shipping Board	1	3,000	3,000	1	3,000	3,000	1	3,000	3,000
United States Veterans' Bureau	54	3,000	162,000	54	3,000	162,000	39	2,932	114,348
Department of Agriculture	45	2,944	132,500	44.6	2,947	131,439	42.3	2,934	124,106
Department of Commerce	20	2,977	59,548	19	2,992	56,850	19.3	2,929	56,542
Department of the Interior	32	2,885	92,304	31.6	2,874	90,812	32.4	2,844	92,157
Department of Justice	2	3,000	6,000	2	2,900	5,800	1.6	2,844	4,550
Department of Labor	4	2,925	11,700	4	2,925	11,700	2.9	3,022	8,762
Navy Department	21	2,986	62,697	21	2,985	62,681	19.4	2,969	57,595
Post Office Department	12	2,975	35,700	12	2,900	34,800	11.1	2,813	31,225
State Department	3	2,966	8,898	3	2,933	8,799	2.8	3,054	8,551
Treasury Department	106	2,983	316,204	106	2,982	316,080	129.3	2,956	382,220
War Department	17	2,900	49,300	17	2,882	48,988	15.8	2,882	45,675
District of Columbia	9	2,833	25,500	8	2,837	22,700	5.7	2,858	16,290
Total	432	2,936	1,268,182	431.2	2,932	1,264,170	406.3	2,909	1,181,749
Grade 7, $2,400 to $3,000; average, $2,700—									
Executive Office	7	2,600	18,200	7	2,514	17,600	7	2,514	17,600
Alien Property Custodian				1	2,833	2,833	3	2,833	8,500
American Battle Monuments Commission	1	3,000	3,000	1	3,000	3,000	1	3,000	3,000
Board of Mediation	5	2,660	13,300	6	2,667	16,000	5	2,692	13,459
Board of Tax Appeals	2	2,700	5,400	2	2,550	5,100	0.4	2,400	1,000
Bureau of Efficiency	10	2,600	26,000	14	2,535	35,490	9	2,634	23,706
Civil Service Commission	5	2,560	12,800	5	2,560	12,800	4.8	2,616	12,557
Employees' Compensation Commission	3	2,667	8,000	3	2,667	8,000	2	2,465	4,930
Federal Board for Vocational Education	1	2,700	2,700	1	2,700	2,700	1	2,600	2,600
Federal Power Commission	1	2,800	2,800						
Federal Trade Commission	12	2,651	31,812	12.8	2,653	33,958	14.3	2,711	38,767
General Accounting Office	119	2,456	292,300	119	2,456	292,300	75.4	2,509	189,258
Interstate Commerce Commission	80	2,692	215,396	80	2,692	215,397	85.1	2,670	227,174
Smithsonian Institution	3	2,533	7,600	3	2,533	7,600	2.5	2,440	6,100
Tariff Commission	15	2,533	38,000	14	2,555	35,773	12.3	2,639	32,463
United States Shipping Board	5	2,820	14,100	5	2,820	14,100	5	2,820	14,100
United States Veterans' Bureau	147	2,700	396,900	147	2,700	396,900	50.2	2,625	131,775
Department of Agriculture	97.6	2,660	259,623	93.3	2,672	249,300	90.3	2,661	240,290
Department of Commerce	95	2,614	248,372	89.5	2,619	234,425	73.6	2,623	193,093
Department of the Interior	130	2,567	333,759	133	2,563	340,922	122.8	2,533	311,073
Department of Justice	16	2,731	43,696	16	2,706	43,300	16.3	2,736	44,500
Department of Labor	20	2,575	51,503	21	2,571	54,000	20.8	2,544	52,906
Navy Department	40	2,625	104,992	39.9	2,622	104,622	37.1	2,621	97,257
Post Office Department	51	2,677	136,550	51	2,621	133,659	49.3	2,546	125,494
State Department	15	2,586	38,788	15	2,540	38,100	13	2,526	32,834
Treasury Department	416	2,680	1,174,350	410.8	2,678	1,198,106	426	2,666	1,330,34
War Department	57	2,591	147,697	58	2,596	150,563	54.7	2,589	141,619
District of Columbia	21	2,590	54,400	21	2,581	54,200	17.6	2,590	45,582
Total	1,374.6	2,679	3,682,038	1,369.3	2,703	3,700,748	1,199.5	2,786	3,341,978

No. 30.—*Statement summarizing and comparing by classification services and grades for the fiscal years 1929, 1928, and 1927 the average number of employees, the average salary rates, and the total salaries of the personnel of the executive departments and independent establishments in the District of Columbia, classified under the act of March 4, 1923*—Continued

Classification service and grade by department or establishment	Estimated expenditures, 1929			Estimated expenditures, 1928			Expended and obligated, 1927		
	Average number of employees	Average salary rate	Total salaries	Average number of employees	Average salary rate	Total salaries	Average number of employees	Average salary rate	Total salaries
Clerical, administrative, and fiscal service—Continued.									
Grade 6, $2,100 to $2,700; average, $2,400—									
Executive Office	4	$2,225	$8,900	4	$2,200	$8,800	4	$2,200	$8,800
Alien Property Custodian				0.3	2,400	720	1	2,191	2,191
American Battle Monuments Commission	1	2,450	2,450	1	2,350	2,350	0.1	2,200	220
Board of Tax Appeals	1	2,600	2,600	1	2,600	2,600	1	2,296	2,296
Bureau of Efficiency	3	2,350	7,050	2	2,300	4,600	1.5	2,333	3,500
Civil Service Commission	10	2,310	23,100	10	2,270	22,700	10	2,280	22,800
Employees' Compensation Commission	3	2,233	6,700	3	2,233	6,700	2.6	2,335	6,838
Federal Power Commission	2	2,550	5,100						
Federal Trade Commission	16	2,369	37,904	15.8	2,373	37,493	12.1	2,397	29,004
General Accounting Office	162	2,188	354,500	162	2,188	354,500	108.7	2,225	241,619
Interstate Commerce Commission	103	2,280	234,843	93	2,240	208,310	84.2	2,238	188,500
National Advisory Committee for Aeronautics	4	2,400	9,600	4	2,400	9,600	4	2,400	9,600
Public Buildings and Public Parks of the National Capital	3	2,200	6,600	3	2,200	6,600	3	2,200	6,600
Smithsonian Institution	7	2,328	16,300	5	2,360	11,800	4.5	2,277	10,247
Tariff Commission	10	2,350	23,500	11	2,324	25,559	11.2	2,327	26,060
United States Shipping Board	4	2,500	10,000	4	2,500	10,000	4	2,500	10,000
United States Veterans' Bureau	42	2,400	100,800	43	2,400	103,200	146	2,347	342,662
Department of Agriculture	104	2,362	245,639	103.9	2,361	245,357	105.2	2,351	247,300
Department of Commerce	96	2,352	225,797	95.8	2,337	223,956	94.5	2,320	219,244
Department of the Interior	139	2,229	309,886	137.3	2,230	306,166	143.6	2,201	316,130
Department of Justice	7	2,471	17,299	7	2,386	16,699	6.7	2,323	15,567
Department of Labor	22	2,368	52,101	22	2,341	51,501	19.5	2,394	46,674
Navy Department	50	2,338	116,889	51.1	2,332	119,188	48.6	2,348	114,110
Post Office Department	84	2,369	199,009	84	2,301	193,299	76.6	2,260	172,879
State Department	13	2,292	29,800	13	2,254	29,296	13.6	2,260	30,740
Treasury Department	364	2,381	866,861	362.8	2,379	863,133	386.3	2,375	917,404
War Department	111	2,282	253,323	112	2,270	254,272	104.2	2,273	236,877
District of Columbia	24	2,293	55,340	23.8	2,282	54,316	22.5	2,256	50,761
Total	1,389	2,320	3,221,891	1,374.8	2,308	3,172,715	1,419	2,310	3,277,623
Grade 5, $1,860 to $2,400; average, $2,111.42—									
Executive Office	1	2,000	2,000	1	2,000	2,000	1	2,000	2,000
Alien Property Custodian				0.6	2,200	1,320	4	1,790	7,160
American Battle Monuments Commission							0.9	1,980	1,782
Board of Mediation	2	2,100	4,200	2	2,100	4,200	2	2,015	4,030
Board of Tax Appeals	20	2,100	42,000	20	2,059	41,198	3.7	2,127	7,870
Bureau of Efficiency	2	2,100	4,200	2	2,100	4,200	2.5	2,147	5,367
Civil Service Commission	25	2,105	52,615	24	2,087	50,068	24.8	2,084	51,683
Employees' Compensation Commission	11	2,002	22,020	10.9	2,003	21,834	7.3	2,009	14,663
Federal Board of Vocational Education	6	2,100	12,600	6	2,100	12,600	7	2,053	14,373
Federal Radio Commission	2	2,090	4,180	1.3	2,090	2,717	0.5	1,860	930
Federal Trade Commission	18	2,073	37,314	17.9	2,069	37,035	19.7	2,119	41,744
General Accounting Office	317	1,999	633,600	317	1,999	633,600	348	2,031	706,942
Interstate Commerce Commission	94	2,099	197,279	101	2,099	212,056	98.2	2,083	204,392
Public Buildings and Public Parks of the National Capital	4	2,010	8,040	4	1,980	7,920	4	1,950	7,800
Smithsonian Institution	3	1,760	5,280	3	1,760	5,280	2.9	1,982	5,748
Tariff Commission	18	2,111	38,004	19	2,111	40,104	19	2,109	40,069
United States Shipping Board	4	2,080	8,320	4	2,080	8,320	3.6	2,059	7,412
United States Veterans' Bureau	130	2,100	273,000	147	2,100	308,700	149.3	2,071	309,200
Department of Agriculture	221.4	2,067	457,620	211.7	2,075	439,267	208.2	2,055	427,860
Department of Commerce	230	2,096	482,307	227.8	2,093	476,865	206.6	2,069	427,350
Department of the Interior	199.2	2,001	398,671	201.7	2,004	404,142	197.4	1,996	393,956
Department of Justice	41.7	2,021	84,296	39.7	2,016	80,033	37.4	1,999	74,748
Department of Labor	62	2,044	126,729	62	2,037	126,317	66.5	2,062	137,093
Navy Department	98	2,061	201,931	96	2,065	198,269	94.6	2,060	194,848
Post Office Department	167	2,090	349,106	167	2,040	340,761	166.7	2,007	334,590
State Department	64	2,015	128,974	63	1,975	124,429	59.1	1,967	116,265
Treasury Department	526.2	2,101	1,105,581	526.7	2,101	1,106,574	527.2	2,097	1,105,743
War Department	172	2,041	350,990	173	2,035	352,047	159	2,032	323,160
District of Columbia	61	1,979	120,701	59.7	1,973	117,785	43.3	1,958	84,811
Total	2,499.5	2,061	5,151,588	2,509	2,057	5,159,641	2,464.3	2,051	5,053,858

No. 30.—*Statement summarizing and comparing by classification services and grades for the fiscal years 1929, 1928, and 1927 the average number of employees, the average salary rates, and the total salaries of the personnel of the executive departments and independent establishments in the District of Columbia, classified under the act of March 4, 1923*—Continued

Classification service and grade by department or establishment	Estimated expenditures, 1929			Estimated expenditures, 1928			Expended and obligated, 1927		
	Average number of employees	Average salary rate	Total salaries	Average number of employees	Average salary rate	Total salaries	Average number of employees	Average salary rate	Total salaries
Clerical, administrative, and fiscal service—Continued.									
Grade 4, $1,680 to $2,040; average, $1,860—									
Executive Office	3	$1,780	$5,340	3	$1,720	$5,160	1.8	$1,683	$3,030
Alien Property Custodian				1.3	1,860	2,418	4	1,860	7,440
American Battle Monuments Commission	1	1,800	1,800	0.5	1,740	870			
Board of Tax Appeals	16	1,860	29,760	14	1,805	25,260	5.8	1,760	10,212
Bureau of Efficiency	2	1,920	3,840	5	1,872	9,360	2.5	2,002	5,005
Civil Service Commission	47	1,856	87,240	42	1,818	76,336	37.6	1,827	68,695
Employees' Compensation Commission	12	1,859	22,302	12	1,859	22,302	11.3	1,813	20,486
Federal Board of Vocational Education	6	1,872	9,360	5	1,860	9,300	5.6	1,876	10,515
Federal Power Commission	6	1,880	11,280						
Federal Radio Commission	6	1,776	8,880	3.3	1,776	5,861	0.2	1,680	336
Federal Trade Commission	24	1,848	44,352	24.2	1,845	44,649	25.6	1,848	47,309
General Accounting Office	265	1,815	480,900	265	1,815	480,900	290	1,818	527,250
Interstate Commerce Commission	108	1,848	199,596	111	1,849	205,176	87.5	1,818	159,040
National Advisory Committee for Aeronautics	3	1,880	5,640	3	1,820	5,460	3	1,820	5,460
Public Buildings and Public Parks of the National Capital	10	1,787	17,878	10	1,757	17,570	10	1,727	17,270
Smithsonian Institution	11.9	1,799	21,228	11.9	1,799	21,228	11.1	1,741	19,325
Tariff Commission	24	1,860	44,632	22	1,855	40,800	22.2	1,861	41,314
United States Shipping Board	5	1,848	9,240	5	1,848	9,240	4.8	1,862	8,938
United States Veterans' Bureau	344	1,860	639,840	355	1,860	660,300	353.9	1,854	656,130
Department of Agriculture	388.6	1,829	710,743	379.1	1,832	694,488	377.3	1,824	688,359
Department of Commerce	399.1	1,812	723,351	390.5	1,812	707,976	371.4	1,795	666,975
Department of the Interior	272.8	1,804	492,142	278.4	1,807	503,180	273.5	1,806	494,024
Department of Justice	63.7	1,782	113,520	64.7	1,785	115,487	58	1,803	104,550
Department of Labor	54	1,815	97,985	53.8	1,807	97,193	51.9	1,790	92,912
Navy Department	173	1,816	314,175	174	1,823	317,158	173.1	1,818	314,813
Post Office Department	201	1,847	371,328	201	1,813	364,464	199.7	1,785	356,397
State Department	79	1,780	140,590	78	1,726	134,660	69.5	1,744	121,226
Treasury Department	798	1,865	1,488,322	792.3	1,865	1,477,563	860.5	1,879	1,617,214
War Department	365.9	1,818	665,218	359.2	1,818	652,858	355	1,816	645,130
District of Columbia	102.1	1,804	184,177	100.1	1,777	177,624	82.1	1,757	144,236
Total	3,789.1	1,833	6,944,659	3,764.3	1,829	6,884,841	3,747.1	1,829	6,853,591
Grade 3, $1,500 to $1,860; average, $1,680—									
Executive Office	1	1,740	1,740	1	1,680	1,680	2.3	1,624	3,735
Alien Property Custodian				3.4	1,776	6,038	13	1,631	21,205
American Battle Monuments Commission	1	1,740	1,740	1	1,680	1,680	0.8	1,560	1,248
Board of Mediation	7	1,680	11,760	7	1,680	11,760	6.1	1,670	10,186
Board of Tax Appeals	16	1,680	26,880	19	1,594	30,290	4.5	1,641	7,385
Bureau of Efficiency	7	1,611	11,280	5	1,700	8,500	5.2	1,592	8,276
Civil Service Commission	66.1	1,678	110,915	63.1	1,625	102,537	62	1,611	99,882
Employees' Compensation Commission	13	1,611	20,943	9.3	1,605	14,927	8.7	1,673	14,555
Federal Board for Vocational Education	10	1,650	16,500	10	1,620	16,200	10.3	1,676	16,232
Federal Power Commission	4	1,530	6,120						
Federal Radio Commission	5	1,656	8,280	2.7	1,632	4,406	1.9	1,652	3,138
Federal Trade Commission	49	1,674	82,026	49.8	1,658	82,568	55.7	1,618	90,123
General Accounting Office	307	1,628	499,860	307	1 628	499,860	318	1,629	518,160
Interstate Commerce Commission	153	1,694	259,154	150	1,683	252,512	135.2	1,657	224,088
National Advisory Committee for Aeronautics	7	1,628	11,400	6.6	1,654	10,920	4	1,695	6,780
Public Buildings and Public Parks of the National Capital	27	1,625	43,890	27	1,617	43,620	27	1,588	42,888
Smithsonian Institution	17.6	1,604	28,233	14.6	1,605	23,433	14.7	1,554	22,843
Tariff Commission	19	1,612	30,620	18	1,630	29,335	17.6	1,623	28,560
United States Shipping Board	9	1,667	15,003	9	1,667	15,003	8.2	1,681	13,784
United States Veterans' Bureau	1,165	1,680	1,957,200	1,229	1,680	2,064,720	1,133.2	1,677	1,900,376
Department of Agriculture	663.4	1,617	1,072,435	627.5	1,622	1,018,194	616.4	1,606	990,184
Department of Commerce	568.8	1,630	927,029	554.5	1,625	901,270	520	1,609	836,854
Department of the Interior	393.5	1,637	644,233	391.7	1,637	641,109	422	1,635	689,944
Department of Justice	117.3	1,622	190,216	116.3	1,607	186,900	109.1	1,606	175,211
Department of Labor	126	1,666	209,949	125.8	1,625	204,381	125.2	1,625	203,493
Navy Department	481	1,623	780,438	469.2	1,633	766,004	460.2	1,628	749,247
Post Office Department	219	1,668	365,363	219	1,635	358,146	224	1,613	361,362
State Department	149	1,594	237,572	147	1,559	229,220	140.4	1,561	219,126
Treasury Department	1,638	1,673	2,739,644	1,618.1	1,674	2,708,588	1,642.6	1,668	2,739,584
War Department	587	1,630	956,548	597.7	1,629	973,396	582	1,626	946,314
District of Columbia	153	1,606	245,790	148.5	1,601	237,694	131.3	1,582	207,687
Total	6,979.7	1,649	11,512,761	6,947.2	1,647	11,444,891	6,801.3	1,627	11,062,450

No. 30.—*Statement summarizing and comparing by classification services and grades for the fiscal years 1929, 1928, and 1927 the average number of employees, the average salary rates, and the total salaries of the personnel of the executive departments and independent establishments in the District of Columbia, classified under the act of March 4, 1923*—Continued

Classification service and grade by department or establishment	Estimated expenditures, 1929			Estimated expenditures, 1928			Expended and obligated, 1927		
	Average number of employees	Average salary rate	Total salaries	Average number of employees	Average salary rate	Total salaries	Average number of employees	Average salary rate	Total salaries
Clerical, administrative, and fiscal service—Continued.									
Grade 2, $1,320 to $1,680; average, $1,500—									
Alien Property Custodian				1.7	$1,536	$2,611	11	$1,373	$15,105
American Battle Monuments Commission	1.5	$1,440	$2,160	1.5	1,440	2,160	2.3	1,380	3,174
Board of Mediation	4	1,455	6,820	4	1,455	5,820	3.3	1,439	4,750
Board of Tax Appeals	23	1,500	34,500	22	1,461	32,157	10	1,439	14,386
Bureau of Efficiency	3	1,400	4,200	4	1,560	6,240	0.9	1,401	1,261
Civil Service Commission	47.1	1,509	71,070	44	1,432	63,000	48.1	1,438	69,168
Employees' Compensation Commission	23	1,405	32,315	23.4	1,388	32,479	18	1,449	26,082
Federal Board for Vocational Education	3	1,560	4,680	3	1,540	4,620	3	1,540	4,620
Federal Radio Commission	4	1,365	5,460	3.3	1,320	4,356	0.2	1,320	264
Federal Trade Commission	20	1,479	29,580	19.8	1,464	28,987	17.1	1,421	24,299
General Accounting Office	309	1,472	454,860	309	1,472	454,860	334	1,470	491,100
Interstate Commerce Commission	204	1,454	296,615	206	1,455	299,610	191.1	1,412	269,731
National Advisory Committee for Aeronautics	1	1,380	1,380	1	1,320	1,320	1	1,320	1,320
Public Buildings and Public Parks of the National Capital	4	1,400	5,600	4	1,395	5,580	4	1,395	5,580
Smithsonian Institution	11	1,483	16,313	11	1,483	16,313	12.1	1,424	17,230
Tariff Commission	23	1,414	32,520	20	1,401	28,020	21.3	1,365	29,072
U. S. Shipping Board	23	1,476	33,948	23	1,476	33,948	21.6	1,477	31,903
U. S. Veterans' Bureau	1,170	1,500	1,755,000	1,211	1,500	1,816,500	1,118.5	1,493	1,669,920
Department of Agriculture	458.3	1,439	659,419	451.3	1,439	649,433	442.8	1,436	636,056
Department of Commerce	657	1,435	943,043	637.8	1,427	910,383	592	1,431	847,325
Department of the Interior	222	1,482	328,971	224.6	1,482	332,922	246.1	1,477	363,498
Department of Justice	59.6	1,460	87,043	55.8	1,440	80,341	57.6	1,418	81,656
Department of Labor	116	1,480	171,709	115.7	1,423	164,594	118.1	1,419	167,600
Navy Department	369	1,438	530,529	375.2	1,445	542,214	377.9	1,437	543,362
Post Office Department	215.9	1,486	320,878	215.9	1,447	312,497	215	1,425	306,363
State Department	110	1,388	152,714	109	1,369	149,219	110.5	1,353	149,493
Treasury Department	2,067.9	1,501	3,104,371	2,077	1,500	3,115,341	2,103.2	1,502	3,158,469
War Department	547	1,441	788,013	546	1,436	783,916	582.3	1,423	828,906
District of Columbia	304	1,409	428,261	289	1,392	402,037	246.7	1,391	336,454
Total	7,000.3	1,472	10,300,972	7,009	1,469	10,281,478	6,909.7	1,461	10,098,147
Grade 1, $1,140 to $1,500; average, $1,320—									
Alien Property Custodian				1.3	1,530	1,989	4	1,530	6,120
Board of Mediation	1	1,320	1,320	1	1,320	1,320	0.9	1,374	1,237
Board of Tax Appeals	11	1,347	14,820	11	1,265	13,920	6.5	1,425	9,262
Bureau of Efficiency	2	1,230	2,460	2	1,440	2,880	2.4	1,432	3,436
Civil Service Commission	8	1,283	10,264	6	1,270	7,620	12.8	1,220	15,616
Employees' Compensation Commission	10	1,212	12,120	10	1,204	12,040	9.3	1,239	11,522
Federal Board for Vocational Education	1	1,320	1,320	1	1,260	1,260	2	1,128	2,256
Federal Trade Commission	3	1,360	4,080	3.4	1,344	4,570	6	1,244	7,464
General Accounting Office	199	1,266	251,940	199	1,266	251,940	241	1,269	305,880
Interstate Commerce Commission	25	1,253	31,320	25	1,253	31,320	29.8	1,239	36,899
National Advisory Committee for Aeronautics	3	1,320	3,960	2.8	1,337	3,744	2	1,260	2,520
Public Buildings and Public Parks of the National Capital	3	1,240	3,720	3	1,220	3,660	3	1,200	3,600
Smithsonian Institution	9	1,320	11,880	7	1,320	9,240	5.9	1,285	7,582
Tariff Commission	2	1,320	2,640	2	1,320	2,640	1.7	1,306	2,220
United States Shipping Board	6	1,320	7,920	6	1,320	7,920	6.8	1,308	8,894
United States Veterans' Bureau	497	1,320	656,040	508	1,320	670,560	449.8	1,314	591,037
Department of Agriculture	172.5	1,280	220,812	171.5	1,280	219,577	179.4	1,269	227,625
Department of Commerce	285	1,270	361,975	279.1	1,264	352,980	302.9	1,253	379,793
Department of the Interior	81	1,301	105,384	84.5	1,303	110,082	90.1	1,307	117,751
Department of Justice	59	1,284	75,776	56	1,275	71,416	50.9	1,252	63,732
Department of Labor	42	1,296	54,421	42	1,236	51,921	43.6	1,234	53,803
Navy Department	111	1,310	145,386	108.9	1,306	142,221	122.9	1,304	160,216
Post Office Department	62.4	1,302	81,584	62.4	1,282	79,982	66.8	1,277	85,325
State Department	22	1,280	28,168	21	1,257	26,388	34	1,149	39,063
Treasury Department	834.3	1,348	1,125,017	834.7	1,341	1,119,026	1,022.5	1,336	1,365,946
War Department	127	1,227	155,786	115	1,227	141,142	108.6	1,244	135,080
District of Columbia	93	1,222	113,626	80.9	1,193	96,504	95.9	1,183	113,401
Total	2,669.2	1,305	3,483,739	2,642.5	1,301	3,437,862	2,901.5	1,294	3,757,280

No. 30.—*Statement summarizing and comparing by classification services and grades for the fiscal years 1929, 1928, and 1927 the average number of employees, the average salary rates, and the total salaries of the personnel of the executive departments and independent establishments in the District of Columbia, classified under the act of March 4, 1923*—Continued

Classification service and grade by department or establishment	Estimated expenditures, 1929			Estimated expenditures, 1928			Expended and obligated, 1927		
	Average number of employees	Average salary rate	Total salaries	Average number of employees	Average salary rate	Total salaries	Average number of employees	Average salary rate	Total salaries
Custodial service:									
Grade 10, $2,400 to $3,000; average, $2,700—									
Public Buildings and Public Parks of the National Capital	2	$2,650	$5,300	2	$2,600	$5,200	2	$2,600	$5,200
Smithsonian Institution	2	2,500	5,000	2	2,500	5,000	2	2,400	4,800
United States Veterans' Bureau	1	2,700	2,700	1	2,700	2,700	1	2,592	2,592
Department of Agriculture	1	3,000	3,000	1	3,000	3,000	1.6	2,867	4,300
Department of Commerce	1	2,600	2,600	1	2,600	2,600	1.8	2,483	4,470
Treasury Department	1	2,800	2,800	1	2,800	2,800	1	2,792	2,792
District of Columbia	6	2,733	16,400	7	2,729	19,100	7.5	2,684	20,133
Total	14	2,700	37,800	15	2,693	40,400	16.8	2,636	44,287
Grade 9, $2,100 to $2,700; average, $2,400—									
Public Buildings and Public Parks of the National Capital	8	2,238	17,910	8	2,200	17,604	8	2,163	17,304
Department of Agriculture	7	2,357	16,500	7	2,357	16,500	4.2	2,331	9,789
Department of Commerce	5	2,400	12,000	5	2,400	12,000	4.1	2,435	9,987
Department of the Interior	2	2,400	4,800	2	2,400	4,800	2.3	2,326	5,350
Post Office Department	1	2,400	2,400	1	2,400	2,400	1	2,300	2,300
Treasury Department	4	2,400	9,600	4	2,350	9,400	3.1	2,326	7,211
District of Columbia	8	2,262	18,100	8	2,250	18,000	8	2,212	17,700
Total	35	2,323	81,310	35	2,306	80,704	30.7	2,268	69,641
Grade 8, $1,860 to $2,400; average, $2,111.42—									
Public Buildings and Public Parks of the National Capital	15	2,075	31,126	15	2,045	30,675	15	2,014	30,210
Smithsonian Institution	1	2,100	2,100	1	2,100	2,100	0.9	2,100	1,890
United States Veterans' Bureau	6	2,100	12,600	6	2,100	12,600	1.3	2,044	2,657
Department of Agriculture	6	2,137	12,820	6	2,137	12,820	6.4	2,144	13,724
Department of Commerce	3	2,086	6,260	3	2,086	6,260	2.1	1,987	4,174
Department of the Interior	5	2,080	10,400	5	2,124	10,620	5.7	2,131	12,149
Navy Department	2	1,890	3,780	1.5	1,890	2,835			
Post Office Department	3	2,087	6,261	3	2,020	6,060	2	2,010	4,020
Treasury Department	3	2,207	6,620	3	2,187	6,560	3.9	2,175	8,484
District of Columbia	25	2,065	51,630	24	2,064	49,540	25	2,229	50,720
Total	69	2,081	143,596	67.5	2,075	140,070	62.5	2,055	128,419
Grade 7, $1,680 to $2,040; average, $1,860—									
Civil Service Commission	1	1,860	1,860	1	1,860	1,860	1	1,860	1,860
Federal Board for Vocational Education	1	1,860	1,860	1	1,860	1,860	1	1,860	1,860
General Accounting Office	2	1,890	3,780	2	1,890	3,780	1.1	1,890	2,065
Interstate Commerce Commission	1	2,040	2,040	1	2,040	2,040	1	2,040	2,040
Public Buildings and Public Parks of the National Capital	45	1,831	82,392	44	1,793	78,892	44	1,765	77,648
Smithsonian Institution	5	1,752	8,760	4	1,770	7,080	3.9	1,721	6,712
United States Shipping Board	1	2,040	2,040	1	2,040	2,040	1	2,003	2,003
United States Veterans' Bureau	4	1,860	7,440	4	1,860	7,440	6.8	1,836	12,484
Department of Agriculture	42	1,844	77,445	42	1,844	77,445	22.9	1,852	42,412
Department of Commerce	16	1,806	28,910	16	1,806	28,910	14.3	1,809	25,870
Department of the Interior	26	1,860	48,369	27	1,849	49,920	22	1,867	41,069
Navy Department	2	1,860	3,720	2.2	1,860	4,092	2.4	1,800	4,320
Post Office Department	3	1,860	5,580	3	1,840	5,520	2.2	1,749	3,848
Treasury Department	12	1,855	22,260	12	1,830	21,960	10.9	1,822	19,864
War Department	1	1,860	1,860	1	1,860	1,860	1	1,860	1,860
District of Columbia	50	1,807	90,363	53	1,818	96,360	53.8	1,807	97,214
Total	212	1,833	388,679	214.2	1,827	391,059	189.3	1,813	343,129
Grade 6, $1,500 to $1,860; average, $1,680—									
Executive Office	1	1,560	1,560	1	1,500	1,500	1	1,500	1,500
Federal Trade Commission	2	1,680	3,360	2	1,680	3,360	2	1,680	3,360
General Accounting Office	4	1,605	6,420	4	1,605	6,420	4.9	1,677	8,245
Interstate Commerce Commission	1	1,680	1,680				1	1,680	1,680
Public Buildings and Public Parks of the National Capital	114	1,630	185,830	114	1,590	181,275	127	1,564	198,620
Smithsonian Institution	20.8	1,644	34,195	19.8	1,693	33,521	20.2	1,610	32,522
U. S. Veterans' Bureau	23	1,680	38,640	23	1,680	38,640	25.6	1,675	42,880
Department of Agriculture	27	1,667	45,000	27	1,667	45,000	53.4	1,672	89,311
Department of Commerce	23.8	1,628	38,756	23.8	1,628	38,756	22.3	1,597	35,615
Department of the Interior	72	1,669	120,191	63	1,710	107,744	52.6	1,665	87,388
Department of Labor	1	1,560	1,560	1	1,560	1,560	1	1,560	1,560
Navy Department	2	1,590	3,180	2.3	1,623	3,733	3.6	1,681	6,050
Post Office Department	31	1,649	51,125	31	1,575	48,832	32.4	1,526	49,448
State Department	1	1,560	1,560	1	1,500	1,500	1	1,500	1,500

No. 30.—*Statement summarizing and comparing by classification services and grades for the fiscal years 1929, 1928, and 1927 the average number of employees, the average salary rates, and the total salaries of the personnel of the executive departments and independent establishments in the District of Columbia, classified under the act of March 4, 1923*—Continued

Classification service and grade by department or establishment	Estimated expenditures, 1929			Estimated expenditures, 1928			Expended and obligated, 1927		
	Average number of employees	Average salary rate	Total salaries	Average number of employees	Average salary rate	Total salaries	Average number of employees	Average salary rate	Total salaries
Custodial service—Continued.									
Grade 6, $1,500 to $1,860; average, $1,680—Continued.									
Treasury Department	37	$1,665	$61,617	37	$1,623	$60,067	36.7	$1,611	$59,127
War Department	8	1,680	13,440	8	1,650	13,200	7.8	1,638	12,784
District of Columbia	199	1,593	317,031	198.6	1,586	315,091	195	1,575	306,854
Total	567.6	1,630	925,145	556.5	1,618	900,199	587.4	1,597	938,444
Grade 5, $1,320 to $1,680; average, $1,500—									
Executive Office	2	1,320	2,640	2	1,320	2,640	1.6	1,320	2,112
Alien Property Custodian				0.3	1,620	486	1	1,620	1,620
Federal Board for Vocational Education	1	1,500	1,500	1	1,500	1,500	1	1,440	1,440
General Accounting Office	1	1,320	1,320	1	1,320	1,320	0.1	1,320	110
Public Buildings and Public Parks of the National Capital	14	1,414	19,800	14	1,396	19,540	14	1,381	19,340
Smithsonian Institution	5	1,428	7,140	5	1,428	7,140	4.3	1,278	5,494
Tariff Commission	1	1,560	1,560	1	1,560	1,560	1	1,560	1,560
U. S. Veterans' Bureau	3	1,500	4,500	3	1,500	4,500	2.6	1,444	3,754
Department of Agriculture	11	1,473	16,200	11	1,467	16,140	10.9	1,457	15,873
Department of Commerce	5	1,404	7,020	5	1,404	7,020	5.2	1,406	7,364
Department of the Interior	56	1,464	81,984	50	1,526	76,310	49.7	1,432	71,190
Department of Justice	1	1,500	1,500	1	1,500	1,500	1	1,463	1,463
Post Office Department	6	1,467	8,800	6	1,390	8,340	6	1,350	8,100
Treasury Department	17	1,464	24,896	17	1,440	24,480	19.4	1,418	27,501
War Department	2	1,410	2,820	2	1,410	2,820	2	1,380	2,760
District of Columbia	215.8	1,393	300,655	195.5	1,387	271,175	191.7	1,383	265,081
Total	340.8	1,415	482,335	314.8	1,418	446,471	311.5	1,396	434,762
Grade 4, $1,140 to $1,500; average, $1,320—									
Executive Office	3	1,180	3,540	3	1,140	3,420	3	1,140	3,420
Alien Property Custodian				.3	1,440	432	1	1,440	1,440
American Battle Monuments Commission	1	1,200	1,200	1	1,200	1,200	1	1,200	1,200
Board of Tax Appeals	1	1,440	1,440	1	1,380	1,380	1	1,365	1,365
Civil Service Commission	2	1,320	2,640	2	1,290	2,580	2	1,290	2,580
Federal Board of Vocational Education	1	1,320	1,320	1	1,320	1,320	1	1,320	1,320
Federal Trade Commission	1	1,440	1,440	1	1,427	1,427	1	1,380	1,380
General Accounting Office	7	1,303	9,120	7	1,303	9,120	7.1	1,292	9,155
Interstate Commerce Commission	1	1,440	1,440	1	1,440	1,440	1	1,440	1,440
Public Buildings and Public Parks of the National Capital	113	1,243	140,510	112	1,206	134,444	110	1,171	128,770
Smithsonian Institution	14.7	1,286	18,904	13.7	1,297	17,769	15.1	1,266	19,117
Tariff Commission				1	1,320	1,320	1	1,320	1,320
United States Shipping Board	1	1,200	1,200	1	1,200	1,200	1	1,200	1,200
United States Veterans' Bureau	7	1,320	9,240	7	1,320	9,240	8.1	1,323	10,716
Department of Agriculture	42	1,330	55,868	42	1,330	55,868	43.4	1,292	56,093
Department of Commerce	18.7	1,249	23,367	18.7	1,246	23,307	18.4	1,226	22,571
Department of the Interior	70	1,293	90,488	65	1,289	83,805	64.9	1,271	82,468
Department of Labor	2	1,410	2,820	1	1,500	1,500	.8	1,500	1,200
Navy Department	8	1,298	10,380	8	1,297	10,376	8	1,282	10,256
Post Office Department	40	1,292	51,662	40	1,218	48,715	38.7	1,173	45,406
State Department	3	1,340	4,020	3	1,340	4,020	3.1	1,185	3,675
Treasury Department	54	1,300	70,223	54	1,269	68,515	53.2	1,266	67,361
War Department	9	1,280	11,520	9	1,273	11,460	9	1,270	11,433
District of Columbia	244	1,199	292,483	232	1,201	278,651	220.8	1,197	264,281
Total	643.4	1,251	804,825	624.7	1,237	772,509	613.6	1,221	749,167
Grade 3, $1,020 to $1,260; average, $1,140—									
Executive Office	1	1,140	1,140	1	1,080	1,080	1	1,080	1,080
Alien Property Custodian				3	1,093	3,279	13	1,112	14,460
Board of Mediation	2	1,140	2,280	2	1,140	2,280	1.8	1,143	2,058
Board of Tax Appeals	6	1,140	6,840	6	1,120	6,720	4.1	1,135	4,650
Bureau of Efficiency	3	1,180	3,540	3	1,180	3,540	3	1,180	3,540
Civil Service Commission	6	1,120	6,720	8	1,133	9,064	7.9	1,104	8,722
Employees' Compensation Commission	1	1,260	1,260	1	1,260	1,260	1	1,200	1,200
Federal Board for Vocational Education	5	1,140	5,700	5	1,128	5,640	5.2	1,125	5,852
Federal Trade Commission	8	1,140	9,120	8	1,137	9,096	7.5	1,139	8,543
General Accounting Office	66	1,109	73,200	66	1,109	73,200	68.9	1,111	76,460
Interstate Commerce Commission	2	1,140	2,280	2	1,140	2,280	2	1,140	2,280
Public Buildings and Public Parks of the National Capital	356	1,066	379,563	349	1,048	365,964	346	1,036	358,601
Smithsonian Institution	76	1,081	82,156	76	1,081	82,156	73.2	1,018	74,518
Tariff Commission	5	1,140	5,700	4	1,125	4,500	4.3	1,139	4,898
U. S. Shipping Board	2	1,080	2,160	2	1,080	2,160	2	1,080	2,160
U. S. Veterans' Bureau	204	1,140	232,560	206	1,140	234,840	202.7	1,140	231,078

No. 30.—*Statement summarizing and comparing by classification services and grades for the fiscal years 1929, 1928, and 1927 the average number of employees, the average salary rates, and the total salaries of the personnel of the executive departments and independent establishments in the District of Columbia, classified under the act of March 4, 1923*—Continued

Classification service and grade by department or establishment	Estimated expenditures, 1929			Estimated expenditures, 1928			Expended and obligated, 1927		
	Average number of employees	Average salary rate	Total salaries	Average number of employees	Average salary rate	Total salaries	Average number of employees	Average salary rate	Total salaries
Custodial service—Continued.									
Grade 3, $1,020 to $1,260; average, $1,140—Continued.									
Department of Agriculture	228.5	$1,109	$253,384	227	$1,109	$251,634	223.6	$1,101	$246,082
Department of Commerce	187.9	1,112	208,892	184.9	1,103	203,978	172.5	1,100	189,834
Department of the Interior	218	1,105	240,815	217.9	1,105	240,680	216.4	1,097	237,412
Department of Justice	51.3	1,141	58,553	51.3	1,141	58,533	45.3	1,161	52,593
Department of Labor	26.2	1,141	29,904	26.1	1,132	29,556	26.4	1,135	29,973
Navy Department	124	1,096	135,930	126	1,094	137,858	127.8	1,071	136,946
Post Office Department	89	1,133	100,824	89	1,114	99,189	86.3	1,088	93,913
State Department	54	1,121	60,540	53	1,098	58,170	52.5	1,063	55,794
Treasury Department	745.9	1,123	837,467	759.5	1,118	849,298	791.7	1,104	874,161
War Department	154	1,118	172,138	158	1,113	175,848	163.3	1,105	180,409
District of Columbia	376.8	1,072	403,806	366.8	1,066	390,838	351.8	1,062	373,504
Total	2,998.6	1,106	3,316,472	3,001.5	1,101	3,302,641	3,001.2	1,090	3,270,721
Grade 2, $960 to $1,140; average, $1,020—									
Executive Office	2	960	1,920	2	960	1,920	2	960	1,920
Alien Property Custodian							2	1,020	2,040
Civil Service Commission	5	1,020	5,100	4	924	3,696	5.1	922	4,702
Commission of Fine Arts	1	900	900	1	900	900	1	726	726
Federal Board for Vocational Education	4	975	3,900	5	972	4,860	5	959	4,796
Federal Power Commission	1	960	960						
Federal Radio Commission	1	960	960	0.7	900	630	0.2	900	180
General Accounting Office	31	993	30,780	31	993	30,780	29.6	994	29,400
Interstate Commerce Commission	30	980	29,401	31	981	30,421	27.7	960	26,590
National Advisory Committee for Aeronautics	2	900	1,800	1.6	900	1,440	0.8	900	720
Public Buildings and Public Parks of the National Capital	807	912	735,774	798	903	720,417	784	898	704,210
Smithsonian Institution	124.5	700	87,225	119.5	688	82,216	121.9	643	78,382
United States Shipping Board	3	1,000	3,000	3	1,000	3,000	3	992	2,976
United States Veterans' Bureau	99	1,020	100,980	99	1,020	100,980	96.7	1,018	98,440
Department of Agriculture	303	783	236,449	301.9	780	235,432	296.5	768	227,588
Department of Commerce	95.6	950	90,872	93.8	949	89,043	88.6	927	82,203
Department of the Interior	215	969	208,392	187.9	972	182,687	182.7	989	180,739
Department of Justice							0.9	1,181	1,063
Department of Labor	4	945	3,780	4	945	3,780	3.5	950	3,325
Navy Department	12	985	11,820	12	974	11,690	12	955	11,454
Post Office Department	72	1,019	73,348	72	1,013	72,948	76.5	991	75,831
State Department	8	1,020	8,160	8	960	7,680	8.1	922	7,468
Treasury Department	487	764	371,937	476.5	759	361,779	490.9	742	364,013
War Department	29	942	27,322	28	969	27,142	28.8	956	27,523
District of Columbia	405.6	932	378,163	363.6	925	336,345	350.8	886	310,783
Total	2,741.7	880	2,412,943	2,643.5	874	2,309,786	2,618.3	858	2,247,072
Grade 1, $600 to $780; average, $690—									
Civil Service Commission	8	690	5,520	8	623	4,984	10.2	610	6,222
Federal Power Commission	1	720	720						
Federal Trade Commission	5	648	3,240	5	638	3,190	5.7	606	3,454
General Accounting Office	14	624	8,740	14	624	8,740	14.3	624	8,890
Interstate Commerce Commission	55	653	35,900	52	650	33,820	47.5	628	29,873
Public Buildings and Public Parks of the National Capital	1	720	720	1	720	720	1	720	720
Smithsonian Institution	6	740	4,440	5	732	3,660	5.1	634	3,233
Department of Agriculture	95	569	54,065	94.9	569	54,015	81.2	603	48,977
Department of Commerce	38.2	639	23,782	35.1	627	22,042	35.1	632	22,212
Department of the Interior							0.1	690	69
Department of Labor	2	615	1,230	2	615	1,230	3.1	630	1,952
Navy Department	3	600	1,800	3	600	1,800	3.4	613	2,085
State Department							1	562	562
Treasury Department	11	589	6,474	11.2	583	6,528	10.1	565	5,710
War Department	8	653	5,224	8	653	5,224	8.8	639	5,623
District of Columbia	13	605	7,860	13	600	7,800	11	600	6,600
Total	260.2	614	159,715	252.2	610	153,753	237.6	614	146,182
Clerical-mechanical service:									
Grade 4, 80 to 90 cents an hour—									
Treasury Department	29	2,100	60,900	29	2,100	60,900	25.3	2,030	51,359
Grade 3, 65 to 75 cents an hour—									
Treasury Department	159	1,707	271,413	159	1,707	271,413	140	1,691	236,740
Grade 2, 55 to 60 cents an hour—									
Treasury Department	1,259	1,500	1,888,500	1,395.5	1,500	2,093,250	1,352.7	1,414	1,912,718
Grade 1, 45 to 50 cents an hour—									
Treasury Department	1,408.7	1,238	1,743,971	1,600.4	1,238	1,981,295	1,680.5	1,168	1,962,824

BUDGET STATEMENT NO. 31

Statement summarizing and comparing by departments and independent establishments for the fiscal years 1929, 1928, and 1927 the average number of employees, the average salary rate, and the total salaries of the personnel in the District of Columbia classified under the act of March 4, 1923

Department or establishment	Estimated expenditures, 1929			Estimated expenditures, 1928			Expended and obligated, 1927		
	Average number of employees	Average salary rate	Total salaries	Average number of employees	Average salary rate	Total salaries	Average number of employees	Average salary rate	Total salaries
Executive Office	36	$2,680	$96,480	36	$2,603	$93,700	35.9	$2,604	$93,484
Alien Property Custodian	1	7,500	7,500	15.4	2,249	34,636	63	1,876	118,181
American Battle Monuments Commission	6.5	1,900	12,350	6	1,876	11,260	6.1	1,741	10,624
Board of Mediation	37	4,056	150,080	42.4	4,141	175,580	32.9	4,177	137,410
Board of Tax Appeals	155	3,303	511,940	155	3,223	499,537	73.7	3,943	290,630
Bureau of Efficiency	66	3,068	202,540	70	2,936	205,540	53.5	3,101	165,889
Civil Service Commission	294.2	2,042	600,740	266.1	1,967	523,481	274.4	1,913	524,905
Commission of Fine Arts	2	1,950	3,900	2	1,950	3,900	2	1,658	3,317
Employees' Compensation Commission	88	2,101	184,860	83.6	2,076	173,542	68.1	1,943	132,339
Federal Board for Vocational Education	68	3,022	205,500	69	2,957	204,060	72.1	2,820	203,310
Federal Power Commission	29	2,891	83,843	1	7,500	7,500	1	7,000	7,000
Federal Radio Commission	25	2,330	58,260	15.4	3,036	46,750	4.5	3,485	15,684
Federal Trade Commission	287	2,850	818,018	289.3	2,838	820,907	301.4	2,750	828,801
General Accounting Office	1,938	1,845	3,575,000	1,938	1,845	3,575,000	1,959.4	1,803	3,532,989
Interstate Commerce Commission	1,514	2,600	3,936,523	1,565	2,610	4,085,319	1,346.4	2,566	3,441,683
National Advisory Committee for Aeronautics	32	2,268	72,560	30.2	2,272	68,626	24	2,324	55,786
Public Buildings and Public Parks of the National Capital	1,540	1,122	1,728,392	1,522	1,106	1,682,921	1,516	1,100	1,667,201
Smithsonian Institution	440.5	1,563	688,595	422.5	1,569	662,697	417.8	1,476	616,620
Tariff Commission	209	2,691	562,454	203	2,718	551,780	193.9	2,689	521,364
U. S. Geographic Board	1	3,600	3,600	1	3,600	3,600	0.8	3,600	2,800
U. S. Shipping Board	82.2	2,968	243,951	82.2	2,968	243,951	81.2	3,019	245,142
United States Veterans' Bureau	4,271	1,825	7,795,990	4,437	1,829	8,115,970	4,090.3	1,777	7,267,026
Department of Agriculture	4,802.2	2,132	10,236,867	4,563.6	2,112	9,636,139	4,460.1	2,082	9,285,227
Department of Commerce	4,397.3	2,071	9,107,683	4,218.6	2,065	8,710,966	3,955	2,043	8,079,846
Department of the Interior	3,429.3	1,841	6,314,596	3,403.7	1,852	6,304,020	3,380.2	1,840	6,218,969
Department of Justice	568.3	2,431	1,381,281	552.5	2,397	1,324,544	522.9	2,418	1,264,303
Department of Labor	609.2	2,002	1,219,618	606	1,976	1,197,592	598.3	1,960	1,172,799
Navy Department	1,946.3	1,931	3,759,042	1,935.8	1,929	3,734,024	1,914.7	1,894	3,626,169
Post Office Department	1,364.3	1,882	2,567,290	1,359.3	1,838	2,497,954	1,352.1	1,790	2,419,632
State Department	619	1,939	1,200,459	599	1,908	1,142,728	586.5	1,877	1,100,670
Treasury Department	12,261	1,806	22,142,878	12,538.8	1,789	22,431,549	12,876.3	1,749	22,525,131
War Department	2,440.9	1,760	4,295,367	2,424.7	1,755	4,255,148	2,379	1,728	4,109,840
District of Columbia	3,178.3	1,539	4,891,221	3,027.1	1,538	4,655,277	2,848.4	1,511	4,304,220
Total	46,738.5	1,897	88,659,378	46,481.2	1,886	87,680,198	45,491.9	1,846	83,998,991

EXPLANATORY SYNOPSIS OF ESTIMATES OF APPROPRIATIONS

NOTE.—In the following synopsis the estimates of appropriations for the fiscal year 1929 are compared with a total for 1928 which includes (*a*) the appropriations made for the fiscal year 1928, (*b*) permanent and indefinite appropriations which have not been included in Budget estimates prior to 1929, (*c*) the balance of the 1928 and prior years supplemental appropriation for tax refunds which is available for the fiscal year 1928, and (*d*) supplemental estimates for the fiscal year 1928 which are being submitted to Congress for consideration for the Urgent Deficiency Bill:

TOTAL FOR ALL BRANCHES OF THE GOVERNMENT

(Inclusive of the Postal Service)

Appropriated for 1928	$3, 953, 480, 110. 47
Permanent and indefinite appropriations for 1928 not included in Budget estimates prior to 1929	79, 664, 436. 00
Balance of 1927–28 supplemental appropriations for tax refunds available for 1928	107, 000, 000. 00
Supplemental estimates submitted for 1928	158, 441, 685. 25
Total for 1928	4, 298, 586, 231. 72
Budget estimate for 1929	4, 258, 793, 765. 53
Reduction	39, 792, 466. 19

SENATE

Appropriated for 1928	$2, 827, 407. 70
Supplemental estimates submitted for 1928	13, 483. 75
Total for 1928	2, 840, 891. 45
Budget estimates for 1929	2, 826, 220. 70
Reduction	14, 670. 75

This involves a reduction of $6,237 for personnel and increases of $50 for postage and $5,000 for the Senate kitchens and restaurants. Supplemental estimates are submitted for 1928 of $10,000 for pay to widow of Senator McKinley and $3,483.75 for extra services, which do not recur in 1929.

HOUSE OF REPRESENTATIVES

Appropriated for 1928	$7, 530, 791. 86
Supplemental estimate submitted for 1928	125. 00
Total for 1928	7, 530, 916. 86
Budget estimate for 1929	7, 516, 193. 16
Reduction	14, 723. 70

This involves a reduction of $22,598.70 for personnel and increases of $4,000 for contingent expenses and $4,000 for services and expenses incurred in the contested election cases of the Seventieth Congress.

LEGISLATIVE MISCELLANEOUS

Appropriated for 1928	$166, 960. 00
Budget estimates for 1929	166, 960. 00

OFFICE OF ARCHITECT OF THE CAPITOL

Appropriated for 1928	$1, 186, 071. 00
Supplemental estimates submitted for 1928	1, 005, 000. 00
Total for 1928	2, 191, 071. 00
Budget estimates for 1929	1, 258, 813. 00
Reduction	932, 258. 00

This involves increases of $2,000 for maintenance of the Senate Office Building, $10,774 for the Capitol power plant, $21,700 for maintenance and repair of the Library Building, $5,000 for furniture for Library Building, a new item of $300,000 for buildings for the Botanic Gardens on a new site, reductions of $17,200 for maintenance and repairs of Capitol Buildings, $6,532 for maintenance of the House Office Building, $1,000 for trees, shrubs, and plants. The 1928 appropriations provided $20,000 for extension of the Capitol Grounds, $210,000 for installation of one new 5,000-kilowatt turbine and generator and repairs to motor equipment, and $12,000 for catalogue cases in the Library. No amounts are included in 1929 for these items. The supplemental estimates for 1928 include $820,000 for enlarging and relocating the Botanic Garden and $185,000 for ventilation of the Senate Chamber.

BOTANIC GARDEN

Appropriated for 1928	$127, 217. 00
Budget estimate for 1929	137, 877. 00
Increase	10, 660. 00

This involves increases from $79,417 to $88,077 for salaries and from $47,800 to $49,800 for repairs and improvements.

LIBRARY OF CONGRESS

Appropriated for 1928	$1, 496, 132. 00
Supplemental estimates submitted for 1928	128, 000. 00
Total for 1928	1, 624, 132. 00
Budget estimate for 1929	1, 804, 867. 00
Increase	180, 735. 00

This involves increases from $580,805 to $626,425 for additional personnel and promotions for the Library, from $175,100 to $209,260 for additional personnel and promotions in the copyright office, from $63,650 to $65,210 for legislative reference service, from $118,010 to $131,490 for distribution of card indexes, from $16,865 to $19,120 for Sunday opening, from $10,000 to $10,500 for contingent expenses, from $120,402 to $124,562 for the office of the administrative and assistant and disbursing officer.

The 1929 estimate includes an indefinite item of trust funds and gifts amounting to $160,000 which has not heretofore been included in Budget estimates of appropriation.

The supplemental estimates for 1928 also include $30,000 for index of State legislation and $50,000 for index to Federal statutes.

GOVERNMENT PRINTING OFFICE

Appropriated for 1928	$3, 100, 000. 00
Budget estimate for 1929	3, 152, 000. 00
Increase	52, 000. 00

This involves increases from $420,000 to $465,000 for additional personnel and $180,000 to $187,000 for general expenses, in the office of the Superintendent of Documents.

EXECUTIVE OFFICE

Appropriated for 1928	$438, 460. 00
Supplemental estimates submitted for 1928	90, 000. 00
Total for 1928	528, 460. 00
Budget estimate for 1929	437, 180. 00
Reduction	91, 280. 00

There is an increase in amount for salaries of $1,220 to meet increases in grades, and there are reductions of $500 in contingent expenses and $2,000 in maintenance. A supplemental estimate of $90,000 for the protection of the interests of the United States in leases on oil lands in former naval reserves is submitted to remain available during the fiscal year 1929.

ALASKA RELIEF FUND

Appropriated for 1928	$15, 000. 00
Budget estimate for 1929	15, 000. 00

This is an indefinite appropriation of 10 per cent of the receipts from licenses collected outside of incorporated towns in Alaska. The funds are divided equally among the four district judges to be used in caring for indigent and incapacitated persons. On July 1, 1927, there was an unexpended balance of $26,152.32 to the credit of this fund for redistribution.

ALIEN PROPERTY CUSTODIAN

Appropriated for 1928	$98, 000. 00
Budget estimate for 1929	7, 500. 00
Reduction	90, 500. 00

There is a reduction of $90,000 in salaries and expenses and of $500 in printing and binding. With the exception of the salary of the custodian, all expenses of administration will be paid from alien property funds during the fiscal year 1929. Heretofore these expenses have been paid from appropriated funds.

AMERICAN BATTLE MONUMENTS COMMISSION

Appropriated for 1928	$600, 000. 00
Previous continuing appropriations	1, 395, 750. 00
Total for 1928	1, 995, 750. 00
Budget estimate for 1929	700, 000. 00

These are continuing appropriations. The estimate for 1929 is to provide for continuation of the construction of the memorials upon battle fields and cemeteries in Europe in commemoration of the services of the American Expedi-

tionary Forces, as authorized by the act of March 4, 1923. The total authorized appropriation for the projects contemplated under this act is $3,000,000, of which it is estimated $2,695,750 will have been expended up to the close of the fiscal year 1929.

ARLINGTON MEMORIAL BRIDGE COMMISSION

Appropriated for 1928	$2, 500, 000. 00
Previous continuing appropriations	3, 000, 000. 00
Total for 1928	5, 500, 000. 00
Budget estimate for 1929	2, 300, 000. 00

The estimate of $2,300,000 for 1929, together with previous continuing appropriations, should carry this project along to the close of the fiscal year 1929. The authorized appropriation for the entire project, including the bridge and its approaches, is $14,750,000 extending over a period of 10 years. With the $5,500,000 heretofore appropriated and the proposed appropriation for 1929, it is estimated that approximately $7,500,000 will have been expended by the close of the fiscal year 1929, at which time the construction of the bridge proper will have been practically completed.

BOARD OF MEDIATION

Appropriated for 1928	$390, 000. 00
Budget estimate for 1929	347, 902. 00
Reduction	42, 098. 00

This involves reductions from $177,000 to $155,102 for salaries and expenses, from $100,000 to $80,000 for expenses of arbitration boards, and from $3,000 to $2,800 for printing and binding.

BOARD OF TAX APPEALS

Appropriated for 1928	$712, 780. 00
Supplemental estimate submitted for 1928	9, 000. 00
Total for 1928	721, 780. 00
Budget estimate for 1929	720, 740. 00
Reduction	1, 040. 00

This reduction is in printing. While the estimate for printing in the fiscal year 1929 was increased $7,960 over the amount appropriated for 1928, it has since been necessary to submit a supplemental estimate of $9,000 for 1928 to comply with a requirement of the Public Printer that the printed decisions of the board be plated. This increases the 1928 availability to an extent that permits a slight reduction in 1929.

BUREAU OF EFFICIENCY

Appropriated for 1928	$210, 350. 00
Budget estimate for 1929	210, 350. 00

CIVIL SERVICE COMMISSION

Appropriated for 1928	$1, 007, 442. 00
Supplemental estimates submitted for 1928	191, 500. 00
Total for 1928	1, 198, 942. 00
Budget estimate for 1929	1, 098, 752. 00
Reduction	100, 190. 00

This decrease is due to the fact that the major part of the work in connection with placing the employees of the Prohibition Unit under the provisions of the civil service rules and regulations will be accomplished in 1928.

COMMISSION OF FINE ARTS

Appropriated for 1928	$7, 300. 00
Budget estimate for 1929	7, 300. 00

EMPLOYEES' COMPENSATION COMMISSION

Appropriated for 1928	$2, 698, 240. 00
Supplemental estimate submitted for 1928	950, 000. 00
Total for 1928	3, 648, 240. 00
Budget estimate for 1929	3, 675, 000. 00
Increase	26, 760. 00

The longshoremen's and harbor workers' compensation act, approved February 12, 1927, and an amendment to the Federal compensation act, approved March 4, 1927, increasing the maximum compensation from $66.67 to $115.67, and the minimum from $33.33 to $58.35, necessitated the submission of a supplemental estimate for 1928 of $950,000.

The increase of $26,760 in 1929 over the total for 1928 is to meet the additional cost of administering the longshoremen's and harbor workers' compensation act.

FEDERAL BOARD FOR VOCATIONAL EDUCATION

Appropriated for 1928	$8, 165, 230. 00
Budget estimate for 1929	8, 220, 000. 00
Increase	54, 770. 00

This involves increases from $700,000 to $750,000 for cooperative vocational rehabilitation of persons disabled in industry; and from $68,230 to $73,000 for salaries and expenses, vocational rehabilitation of persons disabled in industry.

FEDERAL POWER COMMISSION

Appropriated for 1928	$42, 500. 00
Budget estimate for 1929	120, 890. 00
Increase	78, 390. 00

The increase of the Budget estimate for 1929 over the appropriation for 1928 is due to the inclusion in the 1929 estimate of $80,340 for salaries of civilian employees whose detail with the Federal Power Commission from the Departments of War, Agriculture, and Interior has become permanent, as authorized by the act of February 11, 1927. (44 Stat. 1075.) Decreases of $1,750 in the estimated payments to States and $200 for printing and binding, totaling $1,950, gives a net increase of $78,390.

FEDERAL RADIO COMMISSION

Supplemental estimate for 1928	$52, 186. 00
Budget estimate for 1929	80, 560. 00

In addition to the amount of $52,186 carried in the supplemental estimate for the fiscal year 1928, the Federal Radio Commission will spend approximately $44,000 from the appropriation "Enforcement of wireless communication laws, Department of Commerce," fiscal year 1928. The reduction, therefore, in the estimate for 1929 below the estimated expenditures for 1928 amounts to $15,626 which is accounted for by the decreased responsibility that it is contemplated the commission will have in the enforcement of the radio act in 1929.

FEDERAL RESERVE BOARD

Budget estimate for 1929	$2, 700, 000. 00

This is a permanent indefinite appropriation which is included in the Budget estimates of appropriations for the first time although the estimated expenditures have always been included.

FEDERAL TRADE COMMISSION

Appropriated, 1928	$984, 350. 00
Budget estimate for 1929	963, 000. 00
Reduction	21, 350. 00

The net decrease involves a reduction from $967,850 to $945,000 in the amount for salaries and expenses and an increase from $16,500 to $18,000 for printing and binding.

GENERAL ACCOUNTING OFFICE

Appropriated for 1928	$3, 833, 000. 00
Supplemental estimates submitted for 1928	10, 400. 00
Total for 1928	3, 843, 400. 00
Budget estimate for 1929	3, 820, 000. 00
Reduction	23, 400. 00

This involves reductions from $242,400 to $220,000 for contingent expenses and from $26,000 to $25,000 for printing and binding.

HOUSING CORPORATION

Appropriated for 1928	$564, 236. 00
Budget estimate for 1929	475, 750. 00
Reduction	88, 486. 00

This involves reductions from $480,136 to $403,250 for the operation of the Government hotels; from $43,300 to $40,300 for salaries; from $29,000 to $22,000 for collections; from $1,000 to $400 for maintenance of unsold property; and from $5,000 to $4,000 for the foreclosure of mortgages.

INTERNATIONAL TRADE EXHIBITION, NEW ORLEANS, LA.

Supplemental estimate submitted for 1928	$150, 000. 00

This supplemental estimate is submitted pursuant to the act approved February 14, 1927 authorizing the appropriation for providing the corporation known as the International Trade Exhibition, with funds for maintaining, promoting, and advertising the permanent trade exposition at New Orleans, La., inaugurated September 15, 1925.

INTERSTATE COMMERCE COMMISSION

Appropriation for 1928	$7, 811, 314. 00
Supplemental estimate submitted for 1928	170, 000. 00
Total for 1928	7, 981, 314. 00
Budget estimate for 1929	7, 642, 337. 00
Reduction	338, 977. 00

Of the amount appropriated for the Interstate Commerce Commission for 1928, the sum of $15,000 in the appropriation for printing and binding was made available for expenditure in the fiscal year 1927. The comparable amount for expenditure in the fiscal year 1928 is therefore $7,966,314 and the net reduction in the 1929 estimates is $323,977.

The net reduction indicated involves an increase for the general work of executing the laws to regulate commerce from $2,460,600 to $2,564,500 to cover additional attorney examiners, cost of reporting, and travel expenses, an increase for the investigation of accounts of carriers from $1,315,000 to $1,327,745 to provide for additional travel expenses, and a decrease of $75,000 in the allowance for printing and binding due to the fact that provision is being made in the fiscal year 1928 to print accumulated volumes of valuation reports.

The estimate for valuation of property of carriers shows a reduction of $363,214, due to the practical completion of primary valuations in the fiscal year 1928.

NATIONAL ADVISORY COMMITTEE FOR AERONAUTICS

Appropriated for 1928	$525, 000. 00
Supplemental estimate submitted for 1928	25, 000. 00
Total for 1928	550, 000. 00
Budget estimate for 1929	600, 000. 00
Increase	50, 000. 00

The increase of $50,000 over the total for 1928 is necessary to enable the committee to carry more fully into effect its program of general research in the field of aviation; to operate efficiently and continuously the new propeller research equipment; and to provide for the purchase of three or four airplanes of modern commercial types for conducting free flight research.

PUBLIC BUILDINGS AND PUBLIC PARKS OF THE NATIONAL CAPITAL

Appropriated for 1928	$2, 422, 950. 00
Supplemental estimates submitted for 1928	31, 520. 00
Total for 1928	2, 454, 470. 00
Budget estimate for 1929	2, 584, 980. 00
Increase	130, 510. 00

There is an increase in amount for personnel from $1,710,560 to $1,724,530, as follows: Amount for increases within grades, $15,950; one additional guard for State Department, $1,020; and a decrease incidental to repair work, $3,000; and increases in general expenses from $740,400 to $857,000, as follows: Electric elevator for Winder Building, $10,000; grill for Washington Monument stairway, $10,000; repairs to temporary buildings, $45,000; repairs to floors, War-Navy Building, $30,000; rent of buildings, $47,000; care of Emory Building, $2,400. There are reductions in general expenses as follows: Construction of vault for Navy Building, $20,000; sundry minor items, including care of Lemon and Cox Buildings and repairs to building, $7,860.

SMITHSONIAN INSTITUTION AND NATIONAL MUSEUM

Appropriation for 1928	$939, 711
Supplemental estimate submitted for 1928	80, 000
Total for 1928	1, 019, 711
Budget estimate for 1929	974, 761
Reduction	44, 950

The total for 1928 includes $80,000 for safeguarding the dome of the rotunda in the Natural History Building and $12,500 for construction of a gallery over the west end of the main hall. The 1929 estimates include a new item of $25,000 for administration of the Smithsonian Institution and increases from $46,855 to $47,855 for international exchanges from $26,500 to $29,500 for furniture and fixtures, from $79,500 to $83,340 for heating and lighting, from $473,510 to $483,110 for preservation of collections, from $13,000 to $17,610 for repairs to buildings, and from $1,500 to $2,000 for purchase of books, pamphlets, and periodicals for references.

TARIFF COMMISSION

Appropriated for 1928	$682,000
Supplemental estimates submitted for 1928	39,000
Total for 1928	721,000
Budget estimate for 1929	749,000
Increase	28,000

There is an increase in the amount for salaries and expenses from $708,500 to $738,000, and a decrease in printing and binding from $12,500 to $11,000.

UNITED STATES GEOGRAPHIC BOARD

Appropriated for 1928	$3,945
Budget estimate for 1929	4,300
Increase	355

This increase provides $15 additional for salaries and expenses and $340 for printing and binding.

UNITED STATES SHIPPING BOARD AND MERCHANT FLEET CORPORATION

Appropriation for 1928	$12,290,000
In addition not to exceed $5,000,000 of the special appropriation of $10,000,000 contained in the independent offices appropriations act for the fiscal year 1927 and reappropriated for 1928	5,000,000
Available for salaries, expenses, and operating deficit	17,290,000
Budget estimate for 1929	13,688,750
Reduction	3,601,250

To enable the Shipping Board Merchant Fleet Corporation to operate ships or lines of ships which have been or may be taken back from purchasers by reason of competition or other methods employed by foreign shipowners or operators a special appropriation of $10,000,000 was made for 1927. For 1928 the unexpended balance of this appropriation, or $10,000,000, was reappropriated, of which amount not to exceed $5,000,000 was made available, in addition to the $12,000,000 appropriated, for the purpose of meeting the deficit in the operation of ships for that year. The estimate for the fiscal year 1929 provides that the unexpended balance of this appropriation of $10,000,000 shall be made available until June 30, 1929. The estimate of $13,688,750 for 1929, together with the estimated cash position for 1929, and such savings, if any, in operating expenses as may result from the sale of active ships, as opportunity offers, is considered sufficient to meet the estimated operating deficit for 1929.

UNITED STATES VETERANS' BUREAU

Appropriated for 1928	$473,400,000
Supplemental estimate submitted for 1928	19,400,000
Supplemental estimate submitted for reappropriation of unexpended balances	35,600,000
Total for 1928	528,400,000
Budget estimate for 1929	560,060,000
Net increase	31,660,000

Although the figures indicate a budget increase for 1929 as indicated above, the 1929 estimates are in reality $9,666,184 less than comparative appropriations made and supplemental estimates submitted for the fiscal year 1928. This seeming discrepancy is accounted for by reason of the 1929 estimates including an item for direct appropriation of $74,500,000 for payment of casualty losses from the Government life-insurance fund and investment of premium receipts accruing thereto. Heretofore no amount for these accruing funds has been included in the Budget estimates.

Entering into comparison of 1928 appropriations and the 1929 estimates is also the 1928 supplemental estimate submitted for appropriation of $19,400,000, and reappropriation of $35,600,000 unexpended balances of Veterans' Bureau appropriations required for payment of military and naval compensation. Of this $55,000,000 only $21,826,184 should properly be considered as applying to 1928 requirements, the remaining $33,173,816 representing a replacement in the 1928 fund of a similar amount expended therefrom prior to July 1, 1927, due to depletion of the 1927 appropriation, properly chargeable against the fiscal year 1927. The need for such large additional amounts in 1927, 1928, and 1929 is caused by legislation liberalizing the compensation laws. It is estimated that the additional amount required in the fiscal year 1929 for the minimum payment of $50 per month in each case of arrested tuberculosis, regardless of origin, will be $20,000,000.

The estimates comtemplate a reduction of $2,500,000 from $42,500,000 to $40,000,000 for salaries and expenses; an increase of $10,000 from $125,000 to $135,000 for printing and binding, the increase being for procurement of punch cards from the Government Printing Office which have heretofore been purchased elsewhere from the appropriation salaries and expenses; a comparative increase of $4,673,816 for payment of military and naval compensation; a decrease of $3,400,000 from $35,275,000 to $31,675,000, for medical and hospital services, is actually a decrease of only $1,575,000 for the reason that the estimated cost of hospitalizing Veterans' Bureau beneficiaries in the National Soldiers' Home branches, $1,825,000, for which an amount has heretofore been appropriated to the Veterans' Bureau, allotted to the National Home for Disabled Volunteer Soldiers and deposited in the Treasury to the credit of miscellaneous receipts, is not for the fiscal year 1929 included in the estimates for appropriation to the Veterans' Bureau;

a decrease of $7,250,000 from $114,000,000 to $106,750,000 for payment of military and naval insurance. The appropriations for this purpose will decrease each year, as, pursuant to law, term insurance policies were converted into Government life policies on or before July 2, 1927, or became inoperative after that date.

DEPARTMENT OF AGRICULTURE

Appropriated for 1928	$139, 862, 989
Supplemental estimates submitted for fiscal year 1928	3, 481, 560
Total for 1928	143, 344, 549
Budget estimate for fiscal year 1929	142, 753, 229
Net decrease	591, 320

This net decrease is largely due to reductions from $8,380,000 to $6,500,000 for forest roads and trails; from $1,800,000 to $1,500,000 for cooperative work in the Forest Service; the latter figure being an estimate of the receipts contributed for this purpose and also to the fact that the figures for 1928 include a supplemental estimate of $769,000 for fighting and preventing forest fires in addition to the regular annual appropriation of $283,000. The Budget for 1929 includes only $283,000, as it is the practice to supplement this amount each year at the close of the fire season when the amount needed can be determined.

While the economy program of the Federal Government has resulted in a substantial decrease in the total expenditures, the requirements of agriculture have been well cared for. Increases have been provided from year to year in practically all the department's activities and especially in those relating to assistance in agricultural problems. As a result of recommendations made by the President's Agricultural Conference on Agricultural Legislation substantial increases have been provided for the more complete endowment of the State agricultural experiment stations and for the encouragement and promotion of cooperative marketing. For the more complete endowment of State experiment stations an initial appropriation of $960,000 was made for the fiscal year 1926. This sum has been progressively increased each year since 1926 by $480,000 and will continue to increase in like amount each year until 1930, when it reaches its maximum of $2,880,000. This amount, together with amounts previously authorized will provide for a contribution of $4,320,000 annually by the Federal Government for this phase of agricultural research work in the State agricultural experiment stations. Other activities of the department having direct relation to agriculture have been provided with substantial increases in previous budgets and estimates for 1929 contain many further increases, the most important being for the control of insect pests, for enforcement of the plant quarantine act at ports of entry, for the collection and dissemination of market information, for horticulture, for the control of plant diseases, and for investigations in animal husbandry. The increases contained in the 1929 estimates provide for $1,780,000 more for fundamental agricultural research work than was provided in the 1928 appropriations.

There are included in the Budget estimates an increase from $738,000 to $792,000 for printing and binding to provide for printing a handbook entitled "Market Pathology of Fruits and Vegetables" for use of inspectors and those interested in fruit diseases; an increase from $2,653,733 to $2,705,000 for the Weather Bureau for expenses incident to the collection and dissemination of meteorological data and for the establishment and maintenance of additional stations for obtaining data regarding upper-air conditions for the promotion of aviation.

For the Bureau of Animal Industry there are included increases from $689,935 to $730,000 for inspection and quarantine of animals, from $441,670 to $525,200 for investigation and experiments in animal husbandry, from $162,760 to $211,100 for scientific investigations of diseases of animals, and from $5,061,110 to $5,206,540 for the inspection of meat and meat-food products. These increases would provide for promotions of veterinarians in this bureau.

An increase from $499,734 to $539,600 is included for the Bureau of Dairy Industry, for conducting investigations, experiments, and demonstrations in the dairy industry.

The principal increases in the Bureau of Plant Industry are from $142,705 to $170,000 for diseases of orchard and other fruits; from $167,570 to $200,000 for diseases of cotton, truck crops, forage crops, drug and other related plants; from $200,800 to $300,000 for acclimatization and adaptation investigations of cotton, rubber, and hard fibers, of which increase $80,000 may be used for rubber investigations in the Philippine Islands; from $171,255 to $196,000 for sugar-plant investigations; from $109,095 to $142,095 for investigations in connection with western irrigation agriculture; from $197,660 to $225,000 for pomological investigations; from $115,000 to $140,000 for horticultural investigations; and from $120,500 to $165,000 for forage crop investigations.

The estimate for the Forest Service provides an increase from $6,016,492 to $6,344,000 for the administration and protection of the national forests. Due to transfers, to and from this item, and also to other minor adjustments the actual increase is $168,328. Of this actual increase $37,800 is for the employment of additional personnel for the administration of commercial timber sales and for the regulation of grazing, and $120,528 for increased protection of the natural forests from forest fires. Of the amount transferred to this appropriation $75,000 is for insect control work and $108,000 for protection from forest fires. Both of these amounts were transferred from the item "Fighting and preventing forest fires," which item has been accordingly reduced. Other principal increases are from $44,880 to $64,000 for research investigations of range conditions within the national forests; from $150,000 to $200,000 for seed and tree planting within the national forests; from $337,000 to $364,300 for silvicultural investigations; from $526,900 to $587,900 for national forest improvements; from $1,000,000 to $1,200,000 for forest fire cooperation with the States in accordance with the reforestation act of June 7, 1924. Items under the headings "Special funds" and "Indefinite appropriations" have been decreased $347,750 to meet the present estimates of cash withdrawals from the Treasury.

The principal increases in the Bureau of Chemistry and Soils are from $195,947 to $259,000 for investigations relating to the application of chemistry to agriculture; from $278,940 to $290,000 for fertilizer investigations and from $237,515 to $253,000 for conducting soil surveys.

The estimate for 1929 submitted for the Bureau of Entomology and the Federal Horticultural Board contemplate a reorganization of both activities whereby all research work relating to insect control will be conducted by the Bureau of Entomology and actual control work including quarantines will be conducted by the Federal Horticultural Board, which will be designated "Plant Quarantine and Control Administration." Under this plan of reorganization the principal increases in the Bureau of Entomology are from $294,580 to $309,500 for investigations of insects affecting deciduous fruits; from $68,900 to $113,000 for investigations of insects affecting tropical and subtropical plants; from $208,590 to $225,000 for investigations of insects affecting truck and garden crops; from $367,535 to $426,900 for investigations of insects affecting cereal and forage crops; from $251,055 to $270,000 for investigations of insects affecting cotton; from $40,180 to $55,180 for investigations of insects affecting man and domestic animals; and from $112,277 to $130,000 for taxonomy and interrelations of insects and an insect pest survey.

The principal increases in the estimate for the Bureau of Biological Survey are from $54,000 to $69,000 for the maintenance of reservations. There is an apparent decrease in this item but due to an item of $18,000 for the erection of a reservation fence provided for in 1928 there is an actual increase of $15,000; from $568,000 to $590,000 for investigating the food habits of North American birds and other animals in relation to agriculture and for rodent and predatory wild animal control.

The principal increases in the Budget estimates for 1929 for the Bureau of Agricultural Economics are from $362,956 to $382,350 for investigations relating to farm management and farm practice; from $596,780 to $715,000 for acquiring and disseminating information on subjects connected with marketing; from $722,755 to $738,000 for crop and livestock estimates due to a transfer of $65,000 in 1928 from this item to "collecting statistics of the grade and staple of cotton"; from $1,054,355 to $1,069,355 for market news service; from $220,440 to $260,000 for cooperative marketing investigations; from $65,000 to $400,000 for collecting statistics of the grade and staple of cotton; from $710,140 to $758,650 for enforcement of the grain standards act; from $5,000 to $30,000 for the enforcement of the produce agency act of March 3, 1927, and the enforcement of the standard container act for which a separate appropriation of $5,000 was made in 1928.

An increase is provided for the Bureau of Home Economics from $127,244 to $137,281 for studies of the relative utility and economy of agricultural products for food, clothing, and other uses in the home.

The principal increases in the new plant quarantine and control administration referred to under the Bureau of Entomology are from $465,180 to $500,000 for plant quarantine; from $242,800 to $287,800 for suppressing the spread of the pink bollworm of cotton; from $15,000 to $30,000 for inspection and certification of domestic fresh fruits, vegetables, and seeds and nursery stock offered for export; from $514,660 to $887,660 for control of the European corn borer; and for the control and for prevention of the spread of an insect pest, new to the United States, and known as the Mexican fruit worm, an estimate of $100,000 is included.

The principal increases in the food, drug, and insecticide administration are from $918,780 to $938,000 for the enforcement of the food and drug act; from $200,000 to $215,000 for enforcement of the insecticide and fungicide act. For enforcement of the recently passed milk importation act and the caustic soda act the Budget estimates includes $50,000 and $25,000 respectively.

For experiments and demonstrations in livestock production in the cane-sugar and cotton districts of the United States there is an increase from $43,930 to $54,000.

The Budget estimates also provide that $150,000 of the unexpended balance of $10,000,000 appropriated for eradication or control of the European corn borer for use in the fiscal years 1927 and 1928 shall be available during the fiscal year 1929 for special corn-borer research work, with a view to meeting any situation arising out of the infestation of the corn borer.

DEPARTMENT OF COMMERCE

Appropriated for 1928	$36,630,450
Supplemental estimates submitted for 1928	838,000
Total for 1928	37,468,450
Budget estimate for 1929	37,599,460
Net increase	131,010

The net increase of $131,010 for the department would augment the appropriations for the Office of the Secretary by $221,350, providing increases in contingent expenses and printing.

For aeronautics the estimate submitted is $120,350 more than the current year's appropriation. This will permit a considerable enlargement of the program for construction and maintenance of air navigation facilities over 1928. The funds provided will make possible the operation of 7,512 miles of lighted airways by June 30 next, with 2,500 additional miles if the estimate for 1929 be granted.

The estimate calls for $320,000 for wireless communication, an increase of $16,000 over the current availability. This should permit the full resumption of the responsibility of the Department of Commerce for the enforcement of radio laws in accordance with the Federal radio act of February 23, 1927.

Increased estimates are submitted for the Bureau of Domestic and Foreign Commerce. The additional funds recommended—$440,400—will permit greatly enlarged activities in connection with the promotion of commerce.

Estimates for the Bureau of the Census are $116,760 less than the amount available this year. The near completion of certain projects makes this possible. There is included, however, an item of $110,000 for preliminary work on the Fifteenth Decennial Census.

Increases are made in estimates for the Steamboat Inspection Service and the Bureau of Navigation to provide needed additional personnel.

The Bureau of Standards' estimates call for a $115,620 increase, which is needed for additional personnel, investigation of textiles, structural materials, sugar research, and standardization of equipment. The total estimate of the Bureau of Standards is less than this year's appropriations for the reason that current funds were augmented by a $200,000 appropriation for a new power-plant building.

Allowances for the Lighthouse Service are increased from $10,677,250 to $11,145,250. The amount for salaries, lighthouse vessels, is increased from $2,273,000 to $2,282,700 for the operation of new light vessels to be put in commission; and the salaries of superintendents and clerks from $570,000 to $576,300, for the employment of additional watchmen at lighthouse depots. The amount for salaries of lighthouse keepers is reduced from $1,960,000 to $1,950,000, due to the installation of automatic lights. An increase from $1,247,000 to $1,722,000 will permit a larger program of construction under the item of public works than was provided for 1928, the total allowance providing for the construction and equipment of three new light ships and a tender to replace one condemned and out of commission; $130,000 for the completion of three other navigation aids upon which work has already been in progress; $200,000 to continue work upon five more; $242,000 to begin work upon seven; and $50,000 to begin and complete within that amount the construction of two projects.

Eliminating 1928 supplemental estimates of $408,000 for construction of vessels, the net decrease of $6,510, from $2,348,590 to $2,342,080, for the Coast and Geodetic Survey involves a decrease from $315,640, to $311,640 for work on the Pacific coast, and from $650,000 to $640,000 for pay and allowances of crews of vessels; and an increase from $40,000 to $50,000 for magnetic work to permit observations in seismology.

The decrease of $21,820 from $2,021,568 to $1,999,748, for the Bureau of Fisheries is in reality an increase of $110,180 for its normal activities when the specific projects for 1928 and 1929 are taken into consideration. The 1928 appropriations and supplemental estimates submitted include two new power vessels, $110,000; Nebraska fish hatchery, $35,000; and an Oklahoma hatchery, $35,000. The 1929 program of specific projects contemplates improvements at the following stations: Northville, Mich., $25,000; Beaufort, N. C., $20,000; Saratoga, Wyo., $18,000; Neosho, Mo., $15,000; Springville, Utah, $8,000; and transfer of Bryans Point, Md., station, $8,000. The resulting actual increase of $110,180 is distributed mainly as follows: Employees at large $40,850 to $47,730; salaries, fish cultural stations, $260,000 to $266,900; salaries, Alaskan vessels, $65,970 to $78,870, for operation of new vessel; expenses of fish propagation, $487,000 to $500,000; maintenance of vessels, $146,000 to $152,500; scientific inquiry $77,000 to $83,000; fishery industries, $25,000 to $55,000, to enable a study of the threatened depletion of Atlantic fisheries; and protecting seal and salmon fisheries of Alaska, $332,000 to $360,000, to enable a more efficient policing of Alaskan waters.

The Patent Office is increased $80,940, from $2,822,860 to $2,903,800, to permit the employment of additional patent examiners upon the regular permanent roll in order to handle the rapidly increasing work invoved in patent applications.

Because of the need for $601,000 less in 1929 than in 1928 for helium production and conservation, the 1929 estimate is a decrease for the Bureau of Mines of $463,070, from $3,025,150 to $2,562,080, which, however, involves increases as follows: Investigation of mine accidents, from $386,470 to $399,470; operating mine rescue cars and stations, from $327,630 to $342,630, which allowance will permit the purchase and equipment of a new mine rescue car; mineral mining investigations, from $99,570 to $125,000, providing for the study and testing of various geophysical methods of locating hidden bodies of minerals and oil. Under oil-shale investigations an increase from $50,000 to $80,000 is granted to pursue, and, it is contemplated, to complete the investigation into the most practicable and economical methods of mining shale and of producing oil from the shale. An increase from $71,360 to $76,360 is also provided for care and maintenance of buildings at the Pittsburgh plant, and the economics of mineral industries receive an added $50,000, from $225,000 to $275,000. Under helium production and conservation there is a decrease of $601,000, the 1928 program contemplating construction projects and purchase of gas rights not included in the 1929 program. Equipment expenditures, however, under this appropriation will be increased by about $185,000.

DEPARTMENT OF THE INTERIOR

Appropriated for 1928	$285, 484, 020. 00
Supplemental estimates submitted for 1928	51, 199, 801. 20
Total for 1928	336, 683, 821. 20
Budget estimate for 1929	300, 190, 089. 00
Net decrease	36, 493, 732. 20

The failure of the second deficiency bill for 1927 forced the use of $38,000,000 of the pension appropriation for 1928 to meet pension payments for the months of May and June, 1927. The rapid adjudication during 1928 of a largely increased number of new claims due to the new pension legislation of the first session of the Sixth-ninth Congress will further increase the shortage in the 1928 appropriation. Accordingly, a supplemental appropriation of $46,000,000 for Army and Navy pensions for 1928 will be necessary. Supplemental estimates for 1928 will also be necessary in the amount of $3,450,000 for the Coolidge Dam irrigation project being constructed by the Indian Service, and of $1,000,000 for the construction of roads and trails by the National Park Service. These and other necessary supplemental items for 1928, if appropriated by Congress, will increase the total of the 1928 appropriations from $285,484,020 to $336,683,821.20, or $36,493,732.20 more than the Budget estimate for 1929.

The following comparison is made, therefore, between the Budget estimates for 1929 and the existing appropriations for 1928, plus the above-mentioned supplemental estimates for that year. The estimates for the office of the Secretary of the Interior show a decrease of $865,600 to $850,200, due mostly to small reductions in personnel. The estimates for the General Land Office are decreased from $2,297,550 to $2,138,550 by reductions in personnel in the District of Columbia and in the field. For the Geological Survey there is a decrease from $1,807,880 to $1,766,080, chiefly in the items for classification of lands and oil-leasing work. For the National Park Service the estimates are

reduced from $4,924,685 to $4,612,250, due to the submission of a supplemental estimate for 1928 of $1,000,000 for roads and trails construction, although there is an increase of $687,565 in the 1929 estimates over the existing 1928 appropriations. The estimates for the Bureau of Education show a decrease from $921,220 to $914,800, largely through the reduction of the item for investigation of land-grant colleges. For the Territorial governments, the estimates show a slight decrease from $1,620,200 to $1,599,200, through a reduction of $100,000 in the estimate for the Alaska Railroad, which is offset in part by the biennial estimates of $80,000 for legislative expenses.

The estimates for the Bureau of Indian Affairs are apparently decreased from $16,204,486 in 1928 (which includes supplemental estimates for 1928 of $3,549,801.20) to $13,754,009. Excluding the 1928 supplementals, there is an increase in the 1929 estimates over the existing 1928 appropriations of $1,099,324, to provide for more extensive work in educating the Indians and in bettering their condition physically.

For the Bureau of Pensions, the estimates are decreased from $268,816,000 to $231,738,000, through the inclusion for 1928 of a supplemental estimate of $46,000,000 to meet increased pension payments during that year. The 1929 estimates for the Bureau of Pensions include the amount of $19,950,000 for beginning the financing of the liability of the United States to the civil-service retirement and disability fund.

Estimates for the Bureau of Reclamation show an increase from $12,498,800 to $13,160,000, to more rapidly carry on the work of authorized new construction of reclamation projects.

For St. Elizabeths Hospital the estimates are increased from $929,000 to $1,313,000, due to the inclusion of an item of $400,000 for beginning the construction of a new medical and surgical building to cost, with equipment, $875,000.

Estimates for the Columbia Institution for the Deaf are increased from $113,400 to $130,000 to provide for remodeling the power plant. Howard University has an increase from $218,000 to $240,000 in the items for salaries and expenses. A new item of $150,000 is included to begin construction of a chemistry building to cost $390,000. The estimates for Freedmen's Hospital show an increase from $188,000 to $422,000, largely the result of the inclusion of an estimate of $242,000 for an enlargement of the nurses' home, for a new dining room and kitchen facilities, for remodeling the power plant, and for an addition to the employees' quarters.

The estimated amounts required under various permanent and indefinite appropriations are increased from $25,179,000 to $27,454,000.

DEPARTMENT OF JUSTICE

Appropriated for 1928	$26, 400, 889. 50
Supplemental estimate for 1928	503, 296. 00
Total for 1928	26, 904, 185. 50
Budget estimate for 1929	26, 784, 630. 00
Net decrease	119, 555. 50

The estimates for the Department of Justice for 1929 include pay for additional personnel and necessary promotions. An increase of $157,000 is asked for miscellaneous expenses of United States courts, composed of $119,000 for salaries and traveling expenses of law clerks for circuit judges, $23,000 for salaries and expenses of stenographers and salaries of messengers for the new United States district judges, and $15,000 for salaries and expenses of stenographers to special assistants to the Attorney General in prohibition cases.

Material increases are recommended for the various Federal penal institutions to provide for an increasing population and to meet the increase in the clothing allowance and cash gratuity authorized by the act of July 3, 1926.

For McNeil Island $177,100 is asked for construction and equipment purposes. An item is included of $60,000 for an additional family building to house 40 boys at the National Training School for Boys. An appropriation of $75,000 was made in 1928 for a similar building. Funds are requested to provide for additional guards for the various penitentiaries.

Reductions are contemplated in the printing item, for pay of special assistant attorneys, for fees of commissioners, jurors, and witnesses, and a smaller amount for rent of court rooms.

DEPARTMENT OF LABOR

Appropriated, 1928	$10, 159, 516
Supplemental estimates submitted for 1928	6, 240
Total for 1928	10, 165, 756
Budget estimate for 1929	10, 735, 840
Increase	570, 084

The appropriations for which the estimates provide increases or reductions of the amounts appropriated for similar purposes for the fiscal year 1928 are as follows:

Appropriation	Appropriated 1928	Estimate 1929
Salaries, Office of the Secretary of Labor	$186, 000	----------
Supplemental estimate submitted for 1928	5, 240	----------
Total	191, 240	$192, 000
Expenses of regulating immigration	6, 535, 000	6, 875, 000
Immigration stations	50, 000	257, 000
General expenses, Bureau of Naturalization	656, 000	680, 000
Promotion of welfare of maternity and infancy, Children's Bureau	1, 090, 976	1, 108, 000
Salaries and expenses, Women's Bureau	100, 000	102, 000
Contingent expenses, Office of the Secretary	43, 700	39, 000
Publishing citizenship textbooks, Bureau of Naturalization	25, 000	10, 000
Refunds (supplemental estimate submitted)	1, 000	----------

The act of March 4, 1927 (44 Stat. 1221), authorizes two assistants to the Secretary. Part of the salaries of these assistants will be met by savings effected by the department and the remainder is provided by the $760 estimate increase.

The need for a larger appropriation to enforce the immigration laws is recognized by the increase of $340,000. This provides $17,000 for additional personnel in the District of Columbia, $95,000 additional for coast and land border patrol for prevention of illegal alien entries, funds for additional immigration inspectors to locate aliens illegally in the United States, and additional funds for the detention, transportation, and deportation of such aliens. The amount of the estimate for coast and land-border patrol is $195,000 in excess of the fiscal year 1927 appropriation for this purpose. The estimate increase will provide 16 more senior patrolmen, 100 additional patrolmen, and 88 more immigrant inspectors than were carried on the fiscal year 1927 rolls, $75,365 more for detention and maintenance of aliens, and $157,337 more for transportation of aliens than was expended for similar purposes in the fiscal year 1927 when 12,055 aliens illegally in the United States were deported.

Ellis Island immigration station is in urgent need of repairs, particularly its water system, plumbing, painting, and electrical fixtures and equipment. An amount of $207,000 is included in the estimate for immigration stations for these repairs.

The estimate contemplates an increase of $24,000 in the appropriation "General expenses, Bureau of Naturalization," to enable the department to keep pace with the increase in applications for citizenship and to provide temporary additional bureau personnel for the consolidation of 2,250,000 individual records of declarations of intentions, petitions for citizenship, and certificates of citizenship now maintained in separate files.

The estimate asks for an appropriation increase of $17,024 for "Promotion of welfare of maternity and infancy, Children's Bureau," to meet State appropriations.

The estimate contemplates an increase of $2,000 in the appropriation "Salaries and expenses, Women's Bureau," for additional travel.

The appropriation "Contingent expenses, Office of the Secretary of Labor, 1928," included a special item of $5,000 for travel expenses of a congressional committee for a survey of coast and land-border immigration conditions. The estimate is $4,700 less than the 1928 appropriation.

The department has on hand a considerable supply of textbooks for aliens contemplating citizenship, and the estimate asks for a reduction of $15,000 in the appropriation "Publishing citizenship textbooks, Bureau of Naturalization."

NAVY DEPARTMENT

Appropriated for 1928	$318, 131, 957	
Made available for 1928 by transfer from Naval Supply Account Fund	5, 115, 000	
Unobligated balances from prior years reapportioned and made available for 1928	830. 000	
Total available to date for 1928		$324, 076, 957
In addition, supplemental estimates for the fiscal year 1928, due largely to legislation passed by the last session of Congress, which, if enacted into law, will increase the total availability for 1928 by		23, 791, 020
Total estimated availability for 1928		347, 867, 977
Budget estimate for 1929		362, 167, 020
Increase over estimated availability for 1928		14, 299, 043

Of the $23,791,020 supplemental estimates for 1928, mentioned above, $21,417,000 is due to legislation enacted by the last Congress.

It is contemplated that the Budget estimates will provide for the same number of enlisted men of the Navy and Marine Corps for 1929 as for 1928; for practically the same number of ships in commission during 1929 as will be in commission at the close of 1928; for continuing work at a normal rate of speed on all new ships under construction at the present time; for completion of repairs and alterations to the battleships *Oklahoma* and *Nevada;* for meeting the third increment of the Navy five-year aircraft program, and second installment on the construction of one large airship; for numerous public works projects including new buildings and a continuation of the work of dredging the Pearl Harbor Channel; and for the efficient maintenance and operation of the fleet and shore stations.

The net increase of $14,299,043 over the 1928 availability is absorbed very largely by the Increase of the Navy and Aviation. On the supposition that supplementals submitted for this item will be approved, there will be available for increase of the Navy this year $39,615,000. Estimates for this purpose for 1929 total $48,000,000, an increase of $8,385,000. This amount will enable the prosecution of work on all naval work authorized by Congress, with the exception of 3 submarines and 12 destroyers authorized in 1916, for which no funds are wanted at this time.

There is recommended for aviation, Navy, for 1929, an availability of $32,735,000, an increase of $10,773,000 over the 1928 availability. This will provide for the third increment of the Navy's five-year air program.

Ample provision is made for major alteration of vessels, including alteration of submarine *S–48*. For public works, Bureau of Yards and Docks, $4,276,000 is recommended.

For engineering the Budget carries an estimate of $19,400,000; for construction and repair of vessels, $17,000,000; for ordnance and ordnance stores, $13,000,000; pay, subsistence, and transportation, $149,250,000; maintenance Bureau of Supplies and Accounts, $9,862,000; and maintenance Bureau of Yards and Docks, $7,500,000; all of which show substantial increases. Fuel and transportation, however, shows a reduction from $12,000,000 in 1928 to $10,690,000 for 1929, due to reduction in price of oil.

For pay of the Marine Corps there is a slight increase, while general expenses, Marine Corps, are reduced from $9,405,000 available for 1928, to $8,370,000 for 1929. Supplemental estimates for 1928 amounting to $1,207,520 abnormally swell the 1928 availability, made necessary by extraordinary expenditures for China and Nicaragua expeditionary forces.

POST OFFICE DEPARTMENT

Appropriation for 1928	$755, 556, 200
Supplemental estimates submitted for the fiscal year 1928	2, 031, 800
Total for 1928	757, 588, 000
Budget estimate for 1929	768, 270, 042
Net increase	10, 682, 042

The estimates for 1929 show an increase of only 1.4 per cent over the appropriations and supplemental estimates for 1928, which is below the usual rate of increase shown in previous years. This increase does not, however, fairly represent the provision that has been made in the estimates for the expansion of the Postal Service in the fiscal year 1929, by reason of the fact that the estimates and appropriations for 1928 were based upon an anticipated increase of 6 per cent in postal business. It now appears that the increase in business in 1928 will not amount to more than 4 per cent. While it has not been possible to reduce expenses in a corresponding ratio, the need for additional employees and supplies has not been as great as it otherwise would have been. It is now estimated that the expenditures in 1928 will be approximately $14,700,000 less than the appropriations. On this basis the estimates for 1929 will show an increase of approximately $25,400,000, or 3.4 per cent, over the estimated expenditures for 1928. The 1929 estimates are again figured on the basis of a 6 per cent increase in postal business, which is considered the only safe basis in estimating so far in advance requirements of the service.

The more important increases and decreases are as follows:

An increase in departmental salaries of $69,300, which provides for five additional draftsmen in the Division of Topography of the Fourth Assistant Postmaster General's office and promotions in the several bureaus of the department.

An increase of $650,000 for compensation of watchmen, messengers, and laborers, to provide for automatic promotions authorized by law and additional laborers in post offices.

An increase of $100,000 for car fare and bicycle allowances, because of increased number of city delivery carriers who, in the interest of economy of time, must be transported over the larger area occupied by the increasing population of the larger cities.

An increase of $4,450,000 for city delivery carriers, to provide for the automatic promotions authorized by law and for necessary additions to the force.

An increase of $450,000 for vehicle service, principally for the purchase of new equipment.

An increase of $2,000,000 in the provisions for carrying air mail by private contractors, due to the marked increase in mail offered for transmission by this means.

An increase of $1,200,000 for transportation of foreign mail, including an increase of $150,000 in the provision for carrying foreign mail by aircraft.

A decrease of $400,000 in the allowance for indemnities for the loss or damage of domestic mails, due to reduction in the number of claims filed as the result of better protection given parcel-post mail, including taking of receipts on delivery of insured parcel post.

A decrease of $50,000 in the allowance for purchase of stationery, due to economies in use of supplies and reduced prices.

An increase of $125,000 in the item for labor-saving devices, to provide for additional conveyor systems in a number of the larger post offices and the replacement of worn-out equipment.

An increase of $420,000 allowance for mail bags and equipment to provide for replacement and repair of old bags and necessary increase in the number of new sacks and pouches required.

An increase of $494,000 for the Rural Delivery Service, to provide for extension of existing routes and necessary additional routes.

DEPARTMENT OF STATE

Appropriated for 1928	$12, 155, 119. 41
Supplemental estimate for 1928	971, 000. 00
Total for 1928	13, 126, 119. 41
Budget estimate for 1929	14, 015, 188. 14
Net increase	889, 068. 73

This indicated increase is distributed very generally through State Department activities for increases in personnel and certain increases in pay made necessary by greatly increased demands upon the service. Additional help is provided for the very necessary recataloguing of the State Department library. An additional amount is provided for extending the examinations abroad for intending immigrants.

An increase of $76,000 is recommended for post allowances to Foreign Service officers needed to meet extraordinary living conditions in certain localities.

The annual allowance to the Pan American Union is increased from $150,568.93 to $152,256. This allowance is based on population, and the increase is necessitated by a new estimate of population for the United States and its dependencies of 132,256,000 people.

There is a new item of $35,000 for the International Water Commission, United States and Mexico, created by the act of March 3, 1927.

Another new item is an estimate of $41,000 for a statue of Henry Clay in Caracas, Venezuela, called for by the act of February 24, 1927.

Sufficient funds are recommended for prosecution of the plans for acquisition of buildings and grounds in foreign countries called for by the Foreign Service buildings act of May 7, 1926, which authorizes an amount not to exceed

$10,000,000 for the purpose of properly housing our foreign representatives. The sum of $435,000 has been appropriated under this act, a supplemental estimate for $700,000 will be submitted for 1928, while $1,300,000 is asked for 1929.

Suitable embassy buildings for Tokyo, Japan, were authorized by the act of February 21, 1925. A total expenditure not to exceed $1,250,000 was authorized. Of this amount, $880,000 has been appropriated. The total estimated expenditure on this project to June 30, 1929, is $1,130,000. To keep pace with this program an estimate of $250,000 is carried in this Budget for 1929.

In this Budget appears for the first time an estimate for the Foreign Service retirement and disability fund, $213,000. This fund was established by the act of May 24, 1924, amended by the act of July 3, 1926. The amount carried for this purpose in this Budget, if appropriated annually, will liquidate the Government's accrued liability within a period of 60 years and at the same time take care of the Government's normal liability for that period, which will be reduced to 27 years if the annual increase in the pay roll during that time amounts to 3 per cent.

TREASURY DEPARTMENT

(Exclusive of interest on and retirement of the public debt from ordinary receipts)

Appropriated for 1928, including $106,611,134.44 unexpended balance on July 1, 1927, of appropriation for refunding internal revenue taxes illegally collected, for 1928 and prior years	$275, 337, 267. 44
Supplemental estimates submitted for the fiscal year 1928	52, 178, 222. 79
Total for 1928	327, 515, 490. 23
Budget estimate for 1929	316, 333, 562. 00
Net reduction	11, 181, 928. 23

The principal factors involved in this net reduction, with respect to the branches of the service involved, are as follows:

DIVISION OF SUPPLY

A decrease of $105,000 in the provision for printing and binding, and $50,000 in the provision for stationery, due to decreased requirements.

PUBLIC DEBT SERVICE

A decrease of $25,000 in expenses of administration of public debt issues, due to the removal from rented quarters to the new addition to the Liberty Loan Building, an increase of $116,640 in the estimated expenditures from the indefinite appropriation for expenses of loans, due to increase in refunding operations, and a decrease of $236,715 in the cost of distinctive paper for United States securities, due to the proposed reduction in the size of United States notes. Included in the estimate for 1929 is a provision for a one month's reserve stock of distinctive paper. Provision is no longer made in the public debt estimates for the preparation and issue of Federal reserve notes, as the Federal Reserve Board estimates are carried in the Budget for 1929 for the first time. This item amounted to $1,504,000 in the 1928 estimates.

CUSTOMS SERVICE

An increase of $1,000,000 in the item "Collecting the revenue from customs," due largely to the transfer to the customs service pay roll of the forces engaged in patroling our borders to prevent the smuggling of liquors into this country, and increases in salaries of customs employees amounting to $200,000, in addition to a like sum appropriated for this purpose for the fiscal year 1928.

The changes in the indefinite appropriations consist of an increase of $600,000 for refunds of excessive duties and a decrease of $6,000,000 for debentures or drawbacks.

FARM-LOAN BOARD

An increase of $68,201 in the provisions for salaries and miscellaneous expenses, principally for increase in force, to enable the board to increase its supervisory and examiner forces.

COMPTROLLER OF THE CURRENCY

An increase of $50,000 in the estimated expenditures under the indefinite appropriation for salaries and expenses of national-bank examiners.

BUREAU OF INTERNAL REVENUE

A decrease of $785,000 in the expense of collecting the internal revenue, due to the transfer to the newly created Bureau of Prohibition of employees heretofore carried on the internal-revenue roll but engaged on "prohibition" work, and to a decrease in the field force.

There is a decrease of approximately $14,600,000 in the requirement for refund of internal-revenue taxes.

A decrease of $300,000 in the indefinite appropriation for redemption of internal-revenue stamps, and a decrease of $400,000 in the provision for payment into the treasury of the Philippine Islands of taxes collected in the United States on articles coming from the Philippine Islands.

BUREAU OF PROHIBITION

A decrease of $591,265, of which $241,265 is due to transfers of employees to and from the Prohibition Service incident to its reorganization as a separate bureau and the transfer to the customs pay roll of the so-called "border patrol," and $350,000 due to economies effected in the cost of administration, principally in transportation charges and salaries for clerk hire in the field.

COAST GUARD

A net decrease of $765,330, made up of a decrease of $325,000 in the requirements for fuel oils for vessels; an increase of $133,400 in the provision for rehabilitating stations and houses of refuge; an increase of $200,000 for outfits, ship chandlery, and engineers' stores; a decrease of $95,000 in the requirements for coastal communication lines; an increase of $20,000 for contingent expenses; a decrease of $732,000 in the requirements of the program for building 10 new cutters; an increase of $50,000 for repairs to vessels and boats; and a new item of $34,770 for establishing a Coast Guard station at Grand Marais, Minn.

BUREAU OF ENGRAVING AND PRINTING

A decrease of $964,795, due to reduction in production costs resulting from reduction in size of United States notes by one-third.

SECRET SERVICE

An increase of $29,100 for promotions in headquarters force and for continuing the reorganization of the field forces and making necessary additions thereto.

PUBLIC HEALTH SERVICE

A net decrease of $60,805, made up principally of increases of $25,000 for repairs to the steamer *Governor Pennypacker*, $20,000 for field investigations of public health, to permit of additional subjects being taken up for inquiry, $145,000 for studies of rural sanitation, to permit of continued cooperation with other activities in handling sanitation problems in the Mississippi flooded area, with decreases of $125,000 in the provision for pay of personnel and maintenance of hospitals, due to the nonrecurrence of provisions made in 1928 of requirements brought over from 1927 as a result of the failure of the deficiency appropriation bill, and a decrease of $95,000 in the provision for preventing the spread of epidemic diseases in 1928, the work being carried on in 1929 from the appropriation for studies in rural sanitation.

MINTS AND ASSAY OFFICES

A net reduction of $46,610 due to decreased requirements and economies effected in mintage costs.

OFFICE OF THE SUPERVISING ARCHITECT

The net increase of $13,358,467.16 in the provision for the Supervising Architect is made up principally as follows:

An increase of $4,868,000 in provision for erection of Federal buildings under the public buildings act of May 25, 1926.

A new item of $8,000,000 for the construction of a new building in New York for the appraisers' stores of the Customs Service.

A decrease of approximately $400,000 in the provisions for miscellaneous construction projects.

A reduction of $200,000 in the provision for remodeling and enlarging public buildings.

A new item of $275,000 for the rent of temporary quarters for the accommodation of Government activities during the reconstruction of Federal buildings.

An increase of $245,000 in the provisions for repair, equipment, and general expenses of public buildings.

An increase of $630,500 in the provisions for operating expenses of public buildings, including increases of salaries of the custodial forces amounting to $200,000.

WAR DEPARTMENT

	War Department proper	National Home for Disabled Volunteer Soldiers	Panama Canal	Total
Appropriated for 1928	$351, 932, 197	$8, 325, 132	$7, 600, 000	$367, 857, 329
Unexpended balances reappropriated for 1928	4, 445, 000			4, 445, 000
Supplemental estimates submitted for the fiscal year 1928	30, 772, 778			30, 772, 778
Total for 1928	387, 149, 975	8, 325, 132	7, 600, 000	403, 075, 107
Budget estimates for 1929	381, 817, 843	8, 345, 300	8, 660, 000	398, 823, 143
Increase		20, 168	1, 060, 000	1, 080, 168
Decrease	5, 332, 132			5, 332, 132
Net decrease				4, 251, 964

The amount estimated for the maintenance and operation of the Regular Army will provide for a maximum force of 12,000 commissioned officers, with an average of 11,738, and an average enlisted strength throughout the year of 118,750, exclusive of the Philippine Scouts for which an average enlisted strength of 6,060 is provided. It will also provide for the training of 15,125 Reserve Officers for a period of two weeks and of 600 Reserve Officers for periods varying from one month to one year; for the attendance of 30,000 men at Citizens' Military Training Camps; for an enrollment of 125,141 students in the Reserve Officers' Training Corps units; and for the maintenance of the National Guard at an average strength throughout the year of approximately 188,000. Provision is also made in the estimates for 1929 to enable the War Department to commence the recognition of certain additional units with a view to rounding out the tactical organizations of the National Guard and increasing its total strength to 190,000 officers and enlisted men by the year 1931.

The Budget estimate also provides for essentials connected with the maintenance and operation of active military posts, camps, and stations as now constituted, the estimates for 1929 for the three principal activities falling within this classification, namely, Barracks and Quarters, Water and Sewers, and Roads, Walks, Wharves, and Drainage, amounting to a total of $10,440,000, an increase of $1,672,502 over the appropriation for 1928. For new construction at military posts of barracks and quarters, with utilities and appurtenances thereto, there is carried in the Budget estimate the sum of $5,000,000, and provision is made for obligation by contract to the extent of $2,115,000 additional.

Provision is made for necessary Army transportation, including the operation of the Army Transport Service; for the purchase of 2,400 horses, 1,981 mules, and 468 automobiles for the Army as replacements; for the maintenance in part of war reserves, including $7,051,500 for ammunition; for the surveillance of and protection of stocks of ammunition to prevent deterioration and spontaneous combustion; for the continued operation of Army laundries at general hospitals, the Disciplinary Barracks, and at various camps, posts, and stations; for the upkeep of existing fortifications and accessories; and for carrying forward the general plan for the protection of the Panama Canal.

For the Air Corps $29,817,268 is estimated, $24,817,268 being for direct appropriation and $5,000,000 for obligation by contract, there being included in these figures the sum of $11,257,445 for the procurement of airplanes, their spare parts, and accessories. In addition the Budget estimate makes indirect provision for the Air Corps to the extent of approximately $19,000,000, various sums aggregating this amount being included in the estimate submitted for the pay and supply branches of the Army for the maintenance and operation and expansion of the Air Corps. There is also included in the Budget estimate for the purchase of airplanes, their spare parts, and accessories, the sum of $734,288 for the National Guard and $194,087 for the Organized Reserves.

For the United States Military Academy provision is made for the essentials connected with its maintenance and operation.

Excluding all items of a nonmilitary character, as well as the pay of military personnel on the retired lists of the Army, the total amount provided for national defense in the War Department budget estimates is $291,331,838.

For rivers and harbors, $50,000,000 is estimated for the maintenance and improvement of existing river and harbor works, in addition to $7,251,200 which will be available from permanent specific and indefinite appropriations and contributed funds. For flood control on the Mississippi and Sacramento Rivers $10,000,000 and $400,000 respectively, are estimated. For the maintenance and operation of Dam No. 2, Muscle Shoals, Ala., including its hydroelectric power plant, $275,000 is estimated. This plant is being operated and the power generated sold to private interests and is producing a net annual revenue of approximately $900,000, which is deposited in the Treasury to the credit of miscellaneous receipts. The total provided for all items of river and harbor work is $68,176,200.

NATIONAL HOME FOR DISABLED VOLUNTEER SOLDIERS

Appropriated for 1928	$8, 325, 132
Budget estimate for 1929	8, 345, 300
Increase	20, 168

The Budget estimate will provide for the essentials connected with the maintenance and operation of the 10 homes and for aid to State homes.

PANAMA CANAL

Appropriated for 1928	$7, 600, 000. 00
Budget estimate for 1929	8, 660, 000. 00
Increase	1, 060, 000. 00

The Budget estimate provides for essentials necessary for the normal maintenance and operation of the canal, including $600,000 for overhaul of the Pacific locks, and for the sanitation and civil government of the Canal Zone. In addition, provision is made for certain capital additions, including $600,000 for continuing the construction of permanent quarters.

There is also included in the Budget an estimate of $250,000 for commencing construction of a dam across the Chagres River, at Alhajuela, Panama, for the storage of water for use in the maintenance and operation of the Panama Canal. This is a large and necessary project, to cost not in excess of $12,000,000. This projected dam will provide additional water storage of about 22 billions of cubic feet, and in addition thereto will be a means of control of the Chagres River floods during the rainy season, which are a possible menace to canal navigation. It will require approximately five years to complete the undertaking. Canal business is increasing. The number of commercial craft, the net tonnage of vessels, and the volume of cargo passing through the canal during the Government year ending with June 30, 1927, exceeded the record for any previous year. The construction of this projected dam is an important and necessary step in the plan to provide for the increasing demands on the canal and for the extraordinary development of canal business that is promised.

In connection with Budget estimates for maintaining and operating this great national asset the following information is of interest:

The investment in the canal and its adjuncts is partly for national defense and partly commercial. To June 30, 1927, the investment charged to national defense was $113,122,892 and to commercial use $269,435,229, the total investment being $382,558,121, which is exclusive of fortifications, military posts, and submarine bases. The total gross revenues to June 30, 1927, amounted to $318,447,726, derived from tolls, taxes, and business operations. Deducting from this the expenses incident to transiting vessels through the canal, $95,077,645, and expenses connected with business operations, $143,416,206, which includes the value of services, supplies and materials sold, we get a net revenue, excluding interest on the investment, of $79,953,875. Of this, $74,004,276 was from tolls and taxes and $5,949,599 from business operations. Included in the expense account for the canal are fixed annual charges of $948,240 for depreciation and amortization of canal fixed property and $600,000 for depreciation on canal plants and equipment. The amount of tolls collected has increased from $5,627,463 in 1917, to $24,228,830.11 in 1927.

DISTRICT OF COLUMBIA

Appropriated for 1928	$38, 824, 385. 00
Supplemental estimates submitted for 1928	395, 795. 74
Total for 1928	39, 220, 180. 74
Budget estimate for 1929	40, 431, 186. 00
Net increase	1, 211, 005. 26

The failure of the second deficiency bill for the fiscal year 1927 required the use of $116,468 of the police and firemen's relief fund appropriated for 1928 to meet relief and other payments to beneficiaries thereunder for the months of May and June, 1927. This situation also applied with respect to the employees' compensation fund of the District, and to the work incident to caring for children committed to the guardianship of the Board of Public Welfare. Supplemental estimates to cover these payments have therefore been submitted for the fiscal year 1928. A supplemental estimate for 1928 of $100,000 has also been submitted in order that necessary repairs may be made to the suburban roads of the District after February, 1928, at which time the current appropriation for this purpose will be exhausted. These and other necessary supplemental items for 1928, if appropriated by Congress, will increase the total of the 1928 appropriations from $38,824,385 to $39,220,180.74. This latter amount is $1,211,005.26 below the Budget estimate for 1929. The following comparison between the Budget estimates for 1929 and the appropriations for 1928 takes into account, in the amount of the latter items, the supplemental estimates under those items for 1928.

The estimates for 1929 for street and road improvement provide an increase of $356,700, and include, in addition to larger amounts for paving new streets and for repaving and repairing old streets and suburban roads, $178,000 to cover the cost of reconstructing the floor system of the Highway Bridge over the Potomac River, and $5,000 for the preparation of plans and specifications for the elimination of the Michigan Avenue grade crossing. Increases of $25,000 for cleaning streets, and of $50,000 for the collection and disposal of refuse are recommended.

An increase of $20,395 is recommended for general repairs and improvements to playgrounds and swimming pools, and to provide for the equipment and operation of two additional playgrounds.

The recommended increase of $160,000 for street lighting will continue the program of replacing gas lamps and certain electric lamps with improved electric lighting equipment. An increase of three additional inspectors and one clerk is also recommended for the office of the electrical engineer.

For public schools the amount proposed is $12,156,130, which is $158,115 in excess of the appropriations for 1928. The estimates provide for 95 additional teachers for varying periods of service during the year based upon class needs and probable date of occupancy of new buildings; and include $250,000 for completing the construction of the McKinley Technical High School, $250,000 for a stadium and improvement of the grounds at this school, $350,000 for completing the equipment of the school, and $70,500 for remodeling and equipping the old McKinley Technical High School for use as the Shaw Junior High School, and the old Shaw Junior High School for use as a colored business high school. The estimates also provide for the construction of new school buildings, for completion in 1929, that will contain 62 classrooms and 8 assembly halls and gymnasiums; and also provide for beginning the construction of new school buildings containing 48 classrooms and 2 assembly halls and gymnasiums. Items are included for the purchase of land for a new health school for colored children and for a new location for the old Bell School. For the improvement of grounds surrounding public-school buildings it is proposed that not to exceed $100,000 of the unexpended balances remaining from prior appropriations be made available for this purpose.

The estimates for 1929 provide for 25 additional men for the Metropolitan police force and $52,000 for the erection of a proposed No. 15 police precinct station house.

An estimate of $12,000 is recommended for the purchase of a site in the vicinity of Connecticut and Nebraska Avenues NW., for a new fire engine company in that locality, and $12,000 is also provided for the purchase of a new motor-driven rescue squad wagon for the fire department.

An increase of $56,000 is recommended for the workhouse to provide two additional dormitories and a dining hall and kitchen, and for reconditioning and enlarging the brick plant at that institution.

Estimates of $350,000 and $25,000, respectively, as authorized by legislation enacted during the second session of the Sixty-ninth Congress, are recommended for the construction and equipment of a nurses' home at Columbia Hospital and Lying-In Asylum, and for the refund of moneys belonging to the hospital which had previously been covered into the Treasury of the United States. An estimate of $465,000 is provided for completing the construction of the domestic service and ward buildings at Gallinger Municipal Hospital.

For general expenses, public buildings and public parks, the Budget recommends an increase for 1929 of $67,000 over the 1928 appropriation of $358,000, principally for the purpose of expediting the improvement of the Rock Creek and Potomac connecting parkway.

For operating the recently completed Washington Aqueduct there is recommended for 1929 an estimate of $425,000 as compared with the 1928 appropriation of $202,210. While this represents an apparent increase of $222,790, that amount becomes a net increase of $89,290 through reductions in the estimates for the operating expenses of the Water Department. An increase of $25,000 is recommended for installing fire hydrants, and estimates totaling $247,350 are submitted for laying water mains in various sections of the city.

INTEREST ON THE PUBLIC DEBT

Estimated expenditures for 1928, revised as shown in the 1929 Budget	$720, 000, 000
Estimated expenditures for 1929	670, 000, 000
Reduction	50, 000, 000

The reduction for 1929 below 1928 is due to continued curtailment of the public debt. The estimated expenditure for 1928, as shown in the 1928 Budget, was $755,000,000. The revised estimate, as shown in the 1929 Budget, is $25,000,000 lower.

On August 31, 1919, when the war debt was at its peak, the gross debt amounted to $26,596,701,648.01. On June 30, 1927, the gross debt amounted to $18,511,906,931.85, a reduction from peak of $8,084,794,716.16.

RETIREMENT OF THE PUBLIC DEBT REQUIRED TO BE MADE FROM ORDINARY RECEIPTS

Estimated expenditures for 1928, revised as shown in the 1929 Budget	$537, 120, 735. 00
Estimated expenditures for 1929	541, 623, 393. 53
Increase	4, 502, 658. 53

This amount is made up of an increase of $15,052,008.53 in sinking fund operations, a reduction of $10,749,350 in retirements from proceeds of principal and interest of foreign government obligations, and an increase of $200,000 in the retirements from Federal reserve bank franchise-tax receipts. The retirements from net earnings derived from Federal intermediate credit banks and from receipts from miscellaneous sources, forfeitures, and gifts, remain at $500,000 and $200,000, respectively, in both years.

Recapitulation of Estimates of Appropriations for 1929, and of Appropriations for 1928, by Departments, etc.

Organization units	Estimates for 1929	Appropriations for 1928
CHAPTER I.—LEGISLATIVE ESTABLISHMENT		
UNITED STATES SENATE		
Salaries and mileage of Senators	$1, 011, 000. 00	$1, 011, 000. 00
Salaries of officers and employees, Senate	1, 434, 900. 70	1, 441, 137. 70
Contingent expenses of the Senate	340, 320. 00	340, 270. 00
Miscellaneous	40, 000. 00	35, 000. 00
Total, Senate	2, 826, 220. 70	2, 827, 407. 70
HOUSE OF REPRESENTATIVES		
Salaries and mileage of Members and Delegates	4, 582, 500. 00	4, 582, 500. 00
Salaries of officers and employees, House	2, 611, 043. 16	2, 633, 641. 86
Contingent expenses of the House	313, 650. 00	309, 650. 00
Miscellaneous items	9, 000. 00	5, 000. 00
Total, House of Representatives	7, 516, 193. 16	7, 530, 791. 86
LEGISLATIVE MISCELLANEOUS		
Capitol police, salaries and contingent	77, 770. 00	77, 770. 00
Joint Committee on Printing	10, 190. 00	10, 190. 00
Office of Legislative Counsel	75, 000. 00	75, 000. 00
Statement of appropriations	4, 000. 00	4, 000. 00
Total, Legislative Miscellaneous	166, 960. 00	166, 960. 00
ARCHITECT OF THE CAPITOL		
Salaries	104, 012. 80	104, 012. 80
Capitol Building and Grounds	159, 828. 00	177, 028. 00
Senate Office Building	89, 854. 00	87, 854. 00
House Office Building	101, 078. 20	107, 610. 20
Capitol Power Plant	395, 680. 00	384, 906. 00
Library Buildings and Grounds	108, 360. 00	82, 660. 00
Botanic Garden, buildings	300, 000. 00	----------
Appropriations for 1928 not asked for 1929	----------	242, 000. 00
Total under Architect of the Capitol	1, 258, 813. 00	1, 186, 071. 00
BOTANIC GARDEN		
Salaries	88, 077. 00	79, 417. 00
Improvements	49, 800. 00	47, 800. 00
Total, Botanic Garden	137, 877. 00	127, 217. 00
LIBRARY OF CONGRESS		
Salaries	1, 050, 385. 00	937, 690. 00
Increase of Library	110, 500. 00	110, 500. 00
Printing and binding	336, 000. 00	305, 000. 00
Contingent and miscellaneous expenses	11, 000. 00	10, 500. 00
Care and maintenance	136, 182. 00	131, 642. 00
Contributed funds	160, 000. 00	----------
Trust fund, bequest of Gertrude M. Hubbard, interest	800. 00	800. 00
Total, Library of Congress	1, 804, 867. 00	1, 496, 132. 00
GOVERNMENT PRINTING OFFICE		
Public printing and binding	2, 500, 000. 00	2, 500, 000. 00
Salaries and expenses, office of Superintendent of Documents	652, 000. 00	600, 000. 00
Total under Public Printer	3, 152, 000. 00	3, 100, 000. 00
Total, Legislative Establishment	16, 862, 930. 86	16, 434, 579. 56

Recapitulation of estimates of appropriations for 1929, and of appropriations for 1928, by departments, etc.—Continued

Organization units	Estimates for 1929	Appropriations for 1928
CHAPTER II.—EXECUTIVE OFFICE AND INDEPENDENT ESTABLISHMENTS		
EXECUTIVE OFFICE		
Salary of the President	$75, 000. 00	$75, 000. 00
Salary of the Vice President	15, 000. 00	15, 000. 00
Salaries and expenses, Executive Office	131, 480. 00	130, 760. 00
Printing and binding	2, 800. 00	2, 800. 00
Traveling expenses of the President	25, 000. 00	25, 000. 00
Maintenance, Executive Mansion and grounds	102, 000. 00	104, 000. 00
White House police	85, 900. 00	85, 900. 00
Total under Executive Office	437, 180. 00	438, 460. 00
INDEPENDENT OFFICES		
Alien Property Custodian	7, 500. 00	98, 000. 00
American Battle Monuments Commission	700, 000. 00	600, 000. 00
Arlington Memorial Bridge Commission	2, 300, 000. 00	2, 500, 000. 00
Board of Mediation	347, 902. 00	390, 000. 00
Board of Tax Appeals	720, 740. 00	712, 780. 00
Bureau of Efficiency	210, 350. 00	210, 350. 00
Civil Service Commission	1, 098, 752. 00	1, 007, 442. 00
Commission of Fine Arts	7, 300. 00	7, 300. 00
Employees' Compensation Commission	3, 675, 000. 00	2, 698, 240. 00
Federal Board for Vocational Education	8, 220, 000. 00	8, 165, 230. 00
Federal Power Commission	120, 890. 00	42, 500. 00
Federal Radio Commission	80, 560. 00	----------
Federal Reserve Board	2, 700, 000. 00	----------
Federal Trade Commission	963, 000. 00	984, 350. 00
General Accounting Office	3, 820, 000. 00	3, 833, 000. 00
Housing Corporation	475, 750. 00	564, 236. 00
Interstate Commerce Commission	7, 642, 337. 00	7, 811, 314. 00
National Advisory Committee for Aeronautics	600, 000. 00	525, 000. 00
Relief of the indigent, Alaska	15, 000. 00	15, 000. 00
Public Buildings and Public Parks of the National Capital	2, 584, 980. 00	2, 422, 950. 00
Smithsonian Institution and National Museum	974, 761. 00	939, 711. 00
Tariff Commission	749, 000. 00	682, 000. 00
United States Geographic Board	4, 300. 00	3, 945. 00
United States Shipping Board and Merchant Fleet Corporation	13, 688, 750. 00	12, 290, 000. 00
Appropriation for 1928 not asked for 1929	----------	14, 000. 00
United States Veterans' Bureau:		
Salaries and expenses	40, 000, 000. 00	42, 500, 000. 00
Printing and binding	135, 000. 00	125, 000. 00
Military and naval compensation	195, 000, 000. 00	168, 500, 000. 00
Medical and hospital services	31, 675, 000. 00	35, 275, 000. 00
Military and naval insurance	106, 750, 000. 00	114, 000, 000. 00
Hospital facilities and services	----------	1, 000, 000. 00
Adjusted service certificate fund	112, 000, 000. 00	112, 000, 000. 00
Losses on converted insurance, Government life-insurance fund Investment of Government life-insurance fund	74, 500, 000. 00	----------
Total under United States Veterans' Bureau	560, 060, 000. 00	473, 400, 000. 00
Total, Executive Office and independent establishments	612, 204, 052. 00	520, 355, 808. 00
CHAPTER III.—DEPARTMENT OF AGRICULTURE		
Office of the Secretary:		
Salaries, office of the Secretary	657, 000. 00	657, 000. 00
Mechanical shops and power plant	91, 000. 00	91, 000. 00
Miscellaneous expenses	142, 300. 00	143, 000. 00
Rent of buildings	175, 300. 00	180, 366. 00
Total, office of the Secretary	1, 065, 600. 00	1, 071, 366. 00
Office of Information:		
Salaries and expenses	379, 500. 00	377, 000. 00
Printing and binding	792, 000. 00	738, 000. 00
Total, Office of Information	1, 171, 500. 00	1, 115, 000. 00
Library, Department of Agriculture, salaries and expenses	90, 300. 00	84, 180. 00
Office of Experiment Stations:		
Salaries and expenses	1, 096, 400. 00	1, 082, 206. 00
State agricultural experiment stations	3, 120, 000. 00	2, 640, 000. 00
Total, Office of Experiment Stations	4, 216, 400. 00	3, 722, 206. 00

Recapitulation of estimates of appropriations for 1929, and of appropriations for 1928, by departments, etc.—Continued

Organization units	Estimates for 1929	Appropriations for 1928
CHAPTER III.—DEPARTMENT OP AGRICULTURE—Continued		
Extension Service:		
Salaries and expenses	$2, 877, 480. 00	$2, 882, 225. 00
Cooperative agricultural extension work	4, 580, 000. 00	4, 580, 000. 00
Cooperative farm forestry	60, 000. 00	60, 000. 00
Total, Extension Service	7, 517, 480. 00	7, 522, 225. 00
Grand total, office of the Secretary	14, 061, 280. 00	13, 514, 977. 00
Weather Bureau, salaries and expenses	2, 705, 000. 00	2, 646, 073. 00
Bureau of Animal Industry:		
Salaries and expenses	8, 973, 295. 00	9, 030, 360. 00
Meat inspection (including $3,000,000 permanent appropriation)	5, 206, 540. 00	5, 061, 110. 00
Eradication of foot-and-mouth disease	100. 00	100. 00
Total, Bureau of Animal Industry	14, 179, 935. 00	14, 091, 570. 00
Bureau of Dairy Industry, salaries and expenses	539, 600. 00	499, 734. 00
Bureau of Plant Industry, salaries and expenses	4, 280, 537. 00	3, 918, 925. 00
Forest Service:		
Salaries and expenses	8, 903, 750. 00	8, 608, 570. 00
Forest fire cooperation	1, 200, 000. 00	1, 000, 000. 00
Acquisition of lands for protection of watersheds	1, 000, 000. 00	1, 000, 000. 00
Cooperative distribution, forest planting stock	75, 000. 00	75, 000. 00
National Forest Reservation Commission	500. 00	500. 00
Special funds—		
Refunds to depositors, excess of deposits	75, 000. 00	100, 000. 00
Payments to States and Territories, national forest funds	1, 285, 000. 00	1, 307, 750. 00
Cooperative work, Forest Service	1, 500, 000. 00	1, 800, 000. 00
Payment to school funds, Arizona and New Mexico national forest funds	40, 000. 00	40, 000. 00
Roads and trails for States, national forest funds	530, 000. 00	523, 000. 00
Total, Forest Service	14, 609, 250. 00	14, 454, 820. 00
Bureau of Chemistry and Soils, salaries and expenses	1, 244, 963. 00	1, 115, 005. 00
Bureau of Entomology, salaries and expenses	1, 890, 318. 00	1, 694, 045. 00
Bureau of Biological Survey:		
Salaries and expenses	1, 038, 500. 00	1, 005, 020. 00
Upper Mississippi River wild-life refuge	40, 000. 00	30, 000. 00
Total, Bureau of Biological Survey	1, 078, 500. 00	1, 035, 020. 00
Bureau of Public Roads, salaries and expenses	440, 880. 00	457, 170. 00
Bureau of Agricultural Economics:		
Salaries and expenses	4, 221, 060. 00	3, 682, 491. 00
Enforcement of cotton futures and cotton standards acts	207, 000. 00	202, 800. 00
Enforcement of grain standards act	758, 650. 00	710, 140. 00
Administration of warehouse act	240, 320. 00	241, 820. 00
Enforcement of standard container act	30, 000. 00	5, 000. 00
Salaries and expenses, wool division	8, 000. 00	3, 000. 00
Operation of Center Market	165, 000. 00	171, 000. 00
Total, Bureau of Agricultural Economics	5, 630, 030. 00	5, 016, 251. 00
Bureau of Home Economics, salaries and expenses	137, 281. 00	127, 244. 00
Plant Quarantine and Control Administration, salaries and expenses	2, 771, 050. 00	2, 223, 230. 00
Enforcement of grain futures act	135, 000. 00	135, 000. 00
Food, Drug, and Insecticide Administration, salaries and expenses	1, 420, 605. 00	1, 311, 385. 00
Experiments in dairying and livestock production	114, 000. 00	112, 540. 00
Collection of seed-grain loans	15, 000. 00	10, 000. 00
Forest roads and trails	6, 500, 000. 00	6, 500, 000. 00
Federal-aid highway system	71, 000, 000. 00	71, 000, 000. 00
Total, Department of Agriculture, including Federal-aid highway system	142, 753, 229. 00	139, 862, 989. 00

Recapitulation of estimates of appropriations for 1929, and of appropriations for 1928, by departments, etc.—Continued

Organization units	Estimates for 1929	Appropriations for 1928
CHAPTER IV.—DEPARTMENT OF COMMERCE		
Office of the Secretary:		
Salaries, office of the Secretary	$285, 600. 00	$285, 600. 00
Contingent and miscellaneous expenses	359, 500. 00	339, 500. 00
Printing and binding	1, 875, 000. 00	1, 810, 000. 00
Aircraft in commerce	702, 000. 00	700, 000. 00
Air navigation facilities	3, 209, 850. 00	3, 091, 500. 00
Enforcement of wireless communication laws	320, 000. 00	220, 000. 00
Total, office of the Secretary	6, 751, 950. 00	6, 446, 600. 00
Bureau of Foreign and Domestic Commerce:		
Salaries	252, 887. 00	247, 887. 00
Promoting commerce, etc	3, 909, 470. 00	3, 464, 070. 00
Total, Bureau of Foreign and Domestic Commerce	4, 162, 357. 00	3, 711, 957. 00
Bureau of the Census:		
Salaries	1, 010, 000. 00	1, 000, 000. 00
Miscellaneous expenses	928, 200. 00	1, 109, 960. 00
Fifteenth decennial census	110, 000. 00	
Total, Bureau of the Census	2, 048, 200. 00	2, 109, 960. 00
Steamboat Inspection Service:		
Salaries	818, 860. 00	789, 860. 00
Clerk hire	142, 200. 00	142, 200. 00
Contingent expenses	148, 000. 00	148, 000. 00
Total, Steamboat Inspection Service	1, 109, 060. 00	1, 080, 060. 00
Bureau of Navigation:		
Salaries	66, 900. 00	63, 960. 00
Contingent and miscellaneous expenses	266, 980. 00	253, 060. 00
Total, Bureau of Navigation	333, 880. 00	317, 020. 00
Bureau of Standards:		
Salaries	595, 000. 00	572, 060. 00
Contingent and miscellaneous expenses	1, 646, 055. 00	1, 453, 375. 00
Appropriation for 1928 not asked for 1929		200, 000. 00
Total, Bureau of Standards	2, 241, 055. 00	2, 225, 435. 00
Bureau of Lighthouses:		
Salaries	94, 250. 00	94, 250. 00
Lighthouse service—		
Salaries	5, 054, 000. 00	5, 028, 000. 00
General expenses	4, 275, 000. 00	4, 275, 000. 00
Light stations	1, 722, 000. 00	1, 247, 000. 00
Total, Bureau of Lighthouses	11, 145, 250. 00	10, 644, 250. 00
Coast and Geodetic Survey:		
Salaries	446, 520. 00	446, 520. 00
Pay of personnel of vessels	1, 130, 000. 00	1, 140, 000. 00
Field expenses	621, 560. 00	617, 070. 00
Miscellaneous	144, 000. 00	145, 000. 00
Total, Coast and Geodetic Survey	2, 342, 080. 00	2, 348, 590. 00
Bureau of Fisheries:		
Salaries	746, 348. 00	719, 668. 00
Miscellaneous expenses	797, 400. 00	741, 900. 00
Alaska, general service	360, 000. 00	332, 000. 00
Mississippi wild-life and fish refuge	25, 000. 00	25, 000. 00
Fish hatcheries, etc	71, 000. 00	
Appropriations for 1928 not asked for 1929		130, 000. 00
Total, Bureau of Fisheries	1, 999, 748. 00	1, 948, 568. 00
Patent Office:		
Salaries	2, 600, 000. 00	2, 519, 060. 00
Miscellaneous expenses	73, 800. 00	73, 800. 00
Photolithography	230, 000. 00	230, 000. 00
Total, Patent Office	2, 903, 800. 00	2, 822, 860. 00

Recapitulation of estimates of appropriations for 1929, and of appropriations for 1928, by departments, etc.—Continued

Organization units	Estimates for 1929	Appropriations for 1928
CHAPTER IV.—DEPARTMENT OF COMMERCE—Continued		
Bureau of Mines:		
Salaries and general expenses	$86, 000. 00	$86, 000. 00
Investigating mine accidents	399, 470. 00	386, 470. 00
Operating mine rescue cars	342, 630. 00	327, 630. 00
Helium investigations, production, and conservation	537, 000. 00	1, 138, 000. 00
Miscellaneous items	1, 196, 980. 00	1, 037, 050. 00
Total, Bureau of Mines	2, 562, 080. 00	2, 975, 150. 00
Total, Department of Commerce	37, 599, 460. 00	36, 630, 450. 00
CHAPTER V.—INTERIOR DEPARTMENT		
Salaries, office of the Secretary	475, 700. 00	486, 600. 00
Contingent and miscellaneous expenses	118, 000. 00	125, 000. 00
Printing and binding	256, 500. 00	254, 000. 00
Total, office of the Secretary	850, 200. 00	865, 600. 00
General Land Office:		
Salaries and expenses	695, 550. 00	722, 550. 00
Surveying public lands	750, 000. 00	800, 000. 00
Salaries and commissions of registers	70, 000. 00	100, 000. 00
Contingent expenses, land offices	193, 000. 00	245, 000. 00
Protecting public lands, timber, etc	430, 000. 00	430, 000. 00
Indefinite appropriations—		
Repayment for lands erroneously sold	30, 000. 00	50, 000. 00
Miscellaneous	13, 000. 00	3, 000. 00
Special funds—		
Deposits for surveying public lands	30, 000. 00	35, 000. 00
Payments to States under mineral leasing act	2, 000, 000. 00	2, 800, 000. 00
5, 3, and 2 per cent funds to States	15, 000. 00	15, 000. 00
Coos Bay Wagon Road grant fund	40, 000. 00	----------
Payments to certain counties of Oregon and Washington	600, 000. 00	----------
Trust funds, outstanding liabilities, and unearned moneys, lands	1, 000. 00	500. 00
Total, General Land Office	4, 867, 550. 00	5, 201, 050. 00
Bureau of Indian Affairs:		
Salaries	356, 000. 00	356, 000. 00
Indian Service—		
Current and contingent expenses of the Indian Service	2, 871, 000. 00	2, 446, 467. 00
Fulfilling treaty stipulations and treaty supports of Indian tribes	882, 020. 00	914, 560. 00
Miscellaneous supports of Indian tribes	900, 000. 00	900, 000. 00
General and miscellaneous expenses of the Indian Service	1, 860, 989. 00	2, 029, 658. 00
Support of schools	6, 884, 000. 00	6, 008, 000. 00
Indefinite appropriations—		
Interest on Indian trust funds	720, 000. 00	800, 000. 00
Civilization of the Sioux Indians	140, 000. 00	175, 000. 00
Trust funds—		
Indian tribal funds, principal	19, 000, 000. 00	17, 000, 000. 00
Indian moneys, proceeds of labor	2, 000, 000. 00	1, 500, 000. 00
Total, Bureau of Indian Affairs	35, 614, 009. 00	32, 129, 685. 00
Bureau of Pensions:		
Army and Navy pensions	210, 000, 000. 00	221, 000, 000. 00
Salaries and expenses	1, 228, 000. 00	1, 236, 000. 00
Investigation of pension cases	110, 000. 00	130, 000. 00
Fees of examining surgeons, pensions	450, 000. 00	450, 000. 00
Civil-service retirement and disability fund (investment)	19, 950, 000. 00	----------
Total, Bureau of Pensions	231, 738, 000. 00	222, 816, 000. 00
Bureau of Reclamation:		
Reclamation fund, construction and operation of reclamation projects	13, 060, 000. 00	11, 798, 800. 00
Investigations of arid, semiarid, swamp, and cut-over timberlands	----------	15, 000. 00
Colorado River levee system	100, 000. 00	35, 000. 00
Total, Bureau of Reclamation	13, 160, 000. 00	11, 848, 800. 00
Geological Survey:		
Salaries	125, 000. 00	126, 500. 00
General expenses	1, 641, 080. 00	1, 681, 380. 00
Total, Geological Survey	1, 766, 080. 00	1, 807, 880. 00

Recapitulation of estimates of appropriations for 1929, and of appropriations for 1928, by departments, etc.—Continued

Organization units	Estimates for 1929	Appropriations for 1928
CHAPTER V.—INTERIOR DEPARTMENT—Continued		
National Park Service:		
Salaries	$66, 400. 00	$63, 100. 00
National parks, monuments, etc	2, 045, 850. 00	1, 811, 585. 00
Construction of roads and trails	2, 500, 000. 00	2, 000, 000. 00
Total, National Park Service	4, 612, 250. 00	3, 874, 685. 00
Bureau of Education:		
Salaries	212, 300. 00	212, 300. 00
General expenses	15, 000. 00	11, 000. 00
Investigation of land-grant colleges	48, 000. 00	61, 000. 00
Education of the natives of Alaska	460, 000. 00	469, 400. 00
Medical relief in Alaska	160, 000. 00	150, 000. 00
Reindeer for Alaska	19, 500. 00	17, 520. 00
Colleges for agriculture and mechanic arts (permanent specific)	2, 550, 000. 00	2, 550, 000. 00
Miscellaneous	13, 000. 00	500. 00
Total, Bureau of Education	3, 477, 800. 00	3, 471, 720. 00
Territorial governments:		
Alaska—		
Salaries, governor and secretary	10, 600. 00	10, 600. 00
Contingent and legislative expenses	64, 000. 00	12, 500. 00
Care and custody of insane in Alaska	158, 000. 00	161, 000. 00
Suppressing liquor traffic in Alaska	16, 200. 00	16, 200. 00
Public schools, Alaska fund—Indefinite	50, 000. 00	25, 000. 00
Hawaii—		
Salaries, governor and secretary	15, 400. 00	15, 400. 00
Contingent and legislative expenses	35, 000. 00	4, 500. 00
Alaska Railroad	1, 300, 000. 00	1, 400, 000. 00
Total, Territorial governments	1, 649, 200. 00	1, 645, 200. 00
Beneficiaries:		
St. Elizabeths Hospital	1, 313, 000. 00	929, 000. 00
Columbia Institution for the Deaf	130, 000. 00	113, 400. 00
Howard University	390, 000. 00	368, 000. 00
Freedmen's Hospital	422, 000. 00	188, 000. 00
Trust funds, St. Elizabeths Hospital	200, 000. 00	225, 000. 00
Total, beneficiaries	2, 455, 000. 00	1, 823, 400. 00
Total, Interior Department	300, 190, 089. 00	285, 484, 020. 00
CHAPTER VI.—DEPARTMENT OF JUSTICE		
Departmental salaries	1, 066, 600. 00	1, 014, 940. 00
Contingent and miscellaneous expenses	81, 200. 00	81, 200. 00
Rent of buildings	118, 000. 00	118, 000. 00
Printing and binding	280, 000. 00	290, 000. 00
	1, 545, 800. 00	1, 504, 140. 00
Miscellaneous objects:		
Protecting interests of the United States in customs matters	108, 650. 00	103, 200. 00
Defending suits and claims against the United States	85, 000. 00	85, 000. 00
Detection and prosecution of crimes	2, 250, 000. 00	2, 250, 000. 00
Enforcement of antitrust laws	200, 000. 00	198, 000. 00
Examination of judicial officers	164, 000. 00	164, 000. 00
Miscellaneous items	43, 500. 00	43, 500. 00
Total, Department of Justice proper	4, 396, 950. 00	4, 347, 840. 00
Judicial:		
Salaries and expenses, Supreme Court	343, 420. 00	341, 920. 00
Salaries of circuit and district retired judges	1, 864, 500. 00	1, 813, 500. 00
National park commissioners	11, 160. 00	11, 160. 00
Court of Customs Appeals	106, 080. 00	106, 080. 00
Court of Claims	172, 510. 00	169, 562. 00
Territorial courts	160, 700. 00	160, 700. 00
Appropriation for commissioners, Court of Claims, not asked for 1929		43, 387. 50
Total, Judicial, salaries, etc	2, 658, 370. 00	2, 646, 309. 50

Recapitulation of estimates of appropriations for 1929, and of appropriations for 1928, by departments, etc.—Continued

Organization units	Estimates for 1929	Appropriations for 1928
CHAPTER VI.—DEPARTMENT OF JUSTICE—Continued		
Expenses, etc., United States courts:		
Salaries, fees, and expenses of marshals	$3, 665, 000. 00	$3, 650, 000. 00
Salaries and expenses of attorneys	2, 935, 000. 00	2, 900, 000. 00
Salaries and expenses of clerks of circuit and district courts	1, 820, 000. 00	1, 775, 000. 00
Fees of commissioners	550, 000. 00	600, 000. 00
Fees of jurors	1, 875, 000. 00	1, 900, 000. 00
Fees of witnesses	1, 725, 000. 00	1, 850, 000. 00
Pay of bailiffs	445, 000. 00	425, 000. 00
Miscellaneous expenses of United States courts	957, 000. 00	800, 000. 00
Rent, supplies, and purchase of books	212, 000. 00	215, 000. 00
Total expenses, United States courts	14, 184, 000. 00	14, 115, 000. 00
Penal and correctional institutions:		
United States penitentiary, Leavenworth, Kans	890, 000. 00	866, 740. 00
United States penitentiary, Atlanta, Ga	852, 500. 00	850, 000. 00
United States penitentiary, McNeil Island, Wash	509, 600. 00	403, 000. 00
Federal Industrial Institution for Women, Alderson, W. Va	275, 000. 00	230, 000. 00
United States Industrial Reformatory, Chillicothe, Ohio	372, 500. 00	360, 000. 00
National Training School for Boys, Washington, D. C	252, 710. 00	240, 000. 00
Probation system, etc	43, 000. 00	42, 000. 00
Support of prisoners	2, 350, 000. 00	2, 300, 000. 00
Total, penal and correctional institutions, including buildings, etc	5, 545, 310. 00	5, 291, 740. 00
Total, Judicial	22, 387, 680. 00	22, 053, 049. 50
Total, under Department of Justice	26, 784, 630. 00	26, 400, 889. 50
CHAPTER VII.—DEPARTMENT OF LABOR		
Salaries, office of the Secretary	192, 000. 00	186, 000. 00
Commissioners of Conciliation	210, 000. 00	210, 000. 00
Contingent and miscellaneous expenses	39, 000. 00	43, 700. 00
Printing and binding	205, 000. 00	205, 000. 00
Rent	68, 000. 00	68, 000. 00
Bureau of Labor Statistics:		
Salaries	220, 000. 00	220, 000. 00
Miscellaneous expenses	80, 000. 00	80, 000. 00
Total, Bureau of Labor Statistics	300, 000. 00	300, 000. 00
Bureau of Immigration:		
Salaries	91, 840. 00	91, 840. 00
Expenses of regulating immigration	6, 875, 000. 00	6, 535, 000. 00
Immigrant stations	257, 000. 00	50, 000. 00
Total, Bureau of Immigration	7, 223, 840. 00	6, 676, 840. 00
Bureau of Naturalization:		
Salaries	98, 000. 00	98, 000. 00
Miscellaneous expenses	680, 000. 00	656, 000. 00
Publishing citizenship textbooks (indefinite)	10, 000. 00	25, 000. 00
Total, Bureau of Naturalization	788, 000. 00	779, 000. 00
Children's Bureau:		
Salaries	105, 000. 00	105, 000. 00
Investigation of child welfare	135, 000. 00	135, 000. 00
General expenses	60, 000. 00	60, 000. 00
Maternity and infancy	1, 108, 000. 00	1, 090, 976. 00
Total, Children's Bureau	1, 408, 000. 00	1, 390, 976. 00
Women's Bureau: Salaries and expenses	102, 000. 00	100, 000. 00
Employment Service: Salaries and expenses	200, 000. 00	200, 000. 00
Total, Department of Labor	10, 735, 840. 00	10, 159, 516. 00

Recapitulation of estimates of appropriations for 1929, and of appropriations for 1928, by departments, etc.—Continued

Organization units	Estimates for 1929	Appropriations for 1928
CHAPTER VIII.—NAVY DEPARTMENT		
Salaries, office of the Secretary	$172, 880. 00	$169, 880. 00
Salaries, General Board	10, 740. 00	10, 500. 00
Salaries, naval examining and retiring boards	9, 420. 00	9, 420. 00
Salaries, Compensation Board	15, 400. 00	18, 400. 00
Contingent expenses of the department	81, 500. 00	80, 000. 00
Printing and binding	510, 000. 00	500, 000. 00
Pay, miscellaneous	1, 510, 000. 00	1, 520, 000. 00
Contingent, Navy	30, 000. 00	40, 000. 00
Temporary government for West Indian islands	300, 000. 00	280, 000. 00
Miscellaneous items under the Secretary	110, 000. 00	108, 000. 00
Naval research laboratory	200, 000. 00	175, 000. 00
Office of Naval Records and Library	37, 940. 00	37, 940. 00
Salaries, office of Judge Advocate General	110, 860. 00	107, 000. 00
Salaries, office of Chief of Naval Operations	66, 640. 00	66, 640. 00
Salaries, Board of Inspection and Survey	19, 500. 00	19, 560. 00
Salaries, office of Director of Naval Communications	126, 000. 00	126, 200. 00
Salaries, Office of Naval Intelligence	37, 800. 00	37, 800. 00
Total, Secretary's office	3, 348, 680. 00	3, 306, 340. 00
Bureau of Navigation:		
Salaries	414, 540. 00	414, 540. 00
Recreation for enlisted men	400, 000. 00	400, 000. 00
Miscellaneous under Bureau of Navigation	150, 000. 00	145, 650. 00
Instruments and supplies	580, 000. 00	585, 000. 00
Naval training stations	930, 000. 00	895, 000. 00
Naval Reserve	4, 145, 000. 00	3, 890, 500. 00
Naval Reserve Officers' Training Corps	100, 000. 00	65, 000. 00
Naval War College	110, 000. 00	105, 000. 00
Salaries, Hydrographic Office	335, 000. 00	325, 000. 00
Contingent and miscellaneous expenses, Hydrographic Office	116, 360. 00	114, 800. 00
Salaries, Naval Observatory	106, 060. 00	88, 600. 00
Contingent and miscellaneous expenses, Naval Observatory	34, 760. 00	35, 420. 00
Salaries, Nautical Almanac Office	32, 500. 00	32, 060. 00
Indefinite appropriations—		
Naval Home, Philadelphia, Pa	175, 000. 00	166, 800. 00
Navy fines and forfeitures	140, 000. 00	140, 000. 00
Total, Bureau of Navigation	7, 769, 220. 00	7, 403, 370. 00
Bureau of Engineering:		
Salaries	275, 480. 00	275, 480. 00
Engineering	19, 400, 000. 00	19, 050, 000. 00
Engineering experiment station, Annapolis, Md	175, 000. 00	175, 000. 00
Total, Bureau of Engineering	19, 850, 480. 00	19, 500, 480. 00
Bureau of Construction and Repair:		
Salaries	349, 830. 00	349, 830. 00
Construction and repair of vessels	17, 000, 000. 00	16, 600, 000. 00
Total, Bureau of Construction and Repair	17, 349, 830. 00	16, 949, 830. 00
Bureau of Ordnance:		
Salaries	144, 000. 00	144, 000. 00
Ordnance and ordnance stores	13, 000, 000. 00	12, 450, 000. 00
Torpedoes and appliances	450, 000. 00	450, 000. 00
Experiments		190, 000. 00
Total, Bureau of Ordnance	13, 594, 000. 00	13, 234, 000. 00
Bureau of Supplies and Accounts:		
Salaries	793, 800. 00	793, 800. 00
Pay, subsistence, and transportation	149, 250, 000. 00	148, 092, 927. 00
Maintenance	9, 862, 000. 00	9, 778, 000. 00
Fuel and transportation	10, 690, 000. 00	12, 000, 000. 00
Indefinite appropriations—		
Ships' stores profits	300, 000. 00	310, 000. 00
Pay of the Navy, deposit fund, trust fund	22, 500. 00	50, 000. 00
Miscellaneous indefinite appropriations	50. 00	50. 00
Total, Bureau of Supplies and Accounts	170, 918, 350. 00	171, 024, 777. 00
Bureau of Medicine and Surgery:		
Salaries	72, 360. 00	71, 960. 00
Medical department	2, 030, 000. 00	2, 012, 000. 00
Care of the dead	60, 000. 00	75, 000. 00
Naval hospital fund, special fund	1, 000, 000. 00	1, 000, 000. 00
Total, Bureau of Medicine and Surgery	3, 162, 360. 00	3, 158, 960. 00

Recapitulation of estimates of appropriations for 1929, and of appropriations for 1928, by departments, etc.—Continued

Organization units	Estimates for 1929	Appropriations for 1928
CHAPTER VIII.—NAVY DEPARTMENT—Continued		
Bureau of Yards and Docks:		
Salaries	$258,000.00	$258,000.00
Maintenance	7,500,000.00	7,000,000.00
Contingent	125,000.00	125,000.00
Public works—		
Navy yards and stations	3,095,000.00	4,060,500.00
Naval training stations	65,000.00	
Submarine bases, etc	890,000.00	365,000.00
Ammunition depots	226,000.00	
Appropriations for 1928 not asked for 1929		315,000.00
Total, Bureau of Yards and Docks	12,159,000.00	12,123,500.00
Bureau of Aeronautics:		
Salaries	204,800.00	200,000.00
Aviation, Navy	32,735,000.00	20,100,000.00
Total, Bureau of Aeronautics	32,939,800.00	20,300,000.00
Naval Academy:		
Pay	812,000.00	804,000.00
Current and miscellaneous expenses	85,000.00	85,000.00
Maintenance and repairs	1,075,000.00	1,000,000.00
Total, Naval Academy	1,972,000.00	1,889,000.00
Marine Corps:		
Pay	15,750,000.00	14,984,400.00
Pay of civil force, Marine Corps	158,300.00	158,300.00
General expenses	8,370,000.00	7,939,000.00
Pay of Marine Corps, deposit fund	250,000.00	250,000.00
Total, Marine Corps	24,528,300.00	23,331,700.00
Alterations to naval vessels		2,210,000.00
Modernization of naval vessels	6,575,000.00	
Increase of the Navy	48,000,000.00	23,700,000.00
Total, Navy Department	362,167,020.00	318,131,957.00
CHAPTER IX.—POST OFFICE DEPARTMENT		
Salaries	2,594,892.00	2,525,592.00
Contingent expenses	1,345,000.00	1,343,500.00
Postal Service, including deficiencies payable from the Treasury	764,330,150.00	751,467,108.00
Total under Post Office Department	768,270,042.00	755,336,200.00
CHAPTER X.—STATE DEPARTMENT		
Department proper:		
Salaries	1,145,760.00	1,089,600.00
Contingent expenses	53,605.00	43,605.00
Printing and binding	200,000.00	190,000.00
Passport bureaus	63,000.00	63,000.00
Total, Department proper	1,462,365.00	1,386,205.00
Foreign Service:		
Salaries of ambassadors and ministers, clerks, etc., at embassies and legations	1,040,500.00	1,033,300.00
Contingent expenses foreign missions	912,850.00	784,500.00
Embassy, legation, and consular buildings and grounds	1,550,000.00	100,000.00
Allowance for clerk hire at consulates	1,645,000.00	1,585,000.00
Contingent expenses of consulates	1,035,000.00	970,000.00
Immigration of aliens	500,000.00	484,720.00
Salaries for Foreign Service officers	3,021,000.00	2,950,000.00
Transportation of Foreign Service officers	330,000.00	275,000.00
Emergencies arising in the Diplomatic and Consular Service	400,000.00	400,000.00
Foreign Service retirement and disability fund	213,000.00	
Post allowances	100,000.00	24,000.00
Miscellaneous items	74,636.00	33,436.00
Total, Foreign Service	10,821,986.00	8,639,956.00
International commissions and bureaus	1,187,854.14	1,133,219.21

Recapitulation of estimates of appropriations for 1929, and of appropriations for 1928, by departments, etc.—Continued

Organization units	Estimates for 1929	Appropriations for 1928
CHAPTER X.—STATE DEPARTMENT—Continued		
Nonadministrative expenses:		
Relief and protection of American seamen	$100,000.00	$100,000.00
Rescuing shipwrecked American seamen	2,000.00	2,000.00
Payment to Republic of Panama	250,000.00	250,000.00
United States Court for China	34,250.00	32,000.00
Prisons for American convicts	13,000.00	13,000.00
Miscellaneous items	2,500.00	2,000.00
Total, nonadministrative expenses	401,750.00	399,000.00
Permanent and indefinite appropriations:		
Pay of Foreign Service officers for services to American vessels and seamen	10,000.00	10,000.00
Pan American Union quotas	95,233.00	95,233.00
Foreign government moieties, expenses Mixed Claims Commission	15,000.00	15,000.00
Miscellaneous items	1,000.00	1,000.00
Foreign Service retirement fund, annuities, etc. (included in estimates and appropriations for salaries)		
Trust funds	20,000.00	20,000.00
Total, permanent and indefinite appropriations	141,233.00	141,233.00
Appropriations for 1928 not asked for 1929		455,506.20
Total, State Department	14,015,188.14	12,155,119.41
CHAPTER XI.—TREASURY DEPARTMENT		
Office of the Secretary:		
Salaries, office of the Secretary	157,900.00	157,640.00
Office of chief clerk and superintendent:		
Salaries	484,000.00	466,023.00
Contingent and miscellaneous expenses	144,700.00	134,500.00
Total, office of chief clerk and superintendent	628,700.00	600,523.00
Division of Supply:		
Salaries	169,400.00	169,400.00
Printing and binding	715,000.00	820,000.00
Postage	1,000.00	1,000.00
Stationery	420,000.00	470,000.00
General Supply Committee	118,000.00	115,000.00
Total, Division of Supply	1,423,400.00	1,575,400.00
Office of Commissioner of Accounts and Deposits	83,980.00	79,660.00
Division of Bookkeeping and Warrants:		
Salaries	114,635.00	145,000.00
Contingent expenses, public moneys	210,000.00	210,000.00
Recoinage of coins	208,000.00	213,000.00
Total, Division of Bookkeeping and Warrants	562,635.00	568,000.00
Public Debt Service:		
Public Debt Service	2,600,000.00	2,625,000.00
Distinctive paper for United States securities	1,175,000.00	1,421,715.00
Expenses of loans	423,180.00	306,540.00
Preparation, etc., of Federal reserve notes, farm loan bonds, etc	96,557.00	1,578,000.00
Total, Public Debt Service, exclusive of interest and principal of the public debt	4,294,737.00	5,931,255.00
Salaries, Division of Appointments	59,000.00	61,200.00
Salaries, office of disbursing clerk	53,500.00	52,880.00
Bureau of Customs:		
Collecting the revenue from customs	18,700,000.00	17,700,000.00
Seales for customs service	95,000.00	100,000.00
Compensation in lieu of moieties	150,000.00	150,000.00
Total, Bureau of Customs proper	18,945,000.00	17,950,000.00
Refunds of customs receipts—		
Indefinite appropriations—		
Refund of excessive duties	7,000,000.00	6,400,000.00
Debentures or drawbacks	12,000,000.00	18,000,000.00
Miscellaneous indefinite appropriations	7,500.00	5,000.00
Philippine special fund	5,500.00	5,500.00
Total refunds of customs receipts	19,013,000.00	24,410,500.00
Total, Bureau of Customs	37,958,000.00	42,360,500.00

Recapitulation of estimates of appropriations for 1929, and of appropriations for 1928, by departments, etc.—Continued

Organization units	Estimates for 1929	Appropriations for 1928
CHAPTER XI.—TREASURY DEPARTMENT—Continued		
Bureau of the Budget, salaries and expenses	$183,000.00	$183,000.00
Farm Loan Bureau, salaries and expenses, special funds	833,201.00	680,000.00
Office of the Treasurer of the United States:		
Salaries	1,395,000.00	1,380,000.00
Contingent expenses, national currency, reimbursable	150,000.00	165,000.00
Total, office of the Treasurer of the United States	1,545,000.00	1,545,000.00
Office of the Comptroller of the Currency:		
Salaries	283,960.00	283,960.00
Special examinations of national banks	1,500.00	1,500.00
Salaries and expenses, national bank examiners (indefinite)	2,300,000.00	2,250,000.00
Total, office of the Comptroller of the Currency	2,585,460.00	2,535,460.00
Internal Revenue Service:		
Collecting internal revenue	32,815,000.00	33,600,000.00
Salaries, office of the commissioner (reimbursable)		1,860.00
Total, Internal Revenue Service proper	32,815,000.00	33,601,860.00
Refunding taxes illegally collected	135,000,000.00	
Indefinite appropriations—		
Redemption of stamps	700,000.00	1,000,000.00
Allowance or drawback	150,000.00	150,000.00
Other indefinite appropriations	5,500.00	5,000.00
Special funds—		
Philippine special fund	400,000.00	800,000.00
Porto Rico special fund	1,000.00	5,000.00
Additional income tax on railroads in Alaska	15,000.00	20,000.00
Total refunds of internal revenue receipts	136,271,500.00	1,980,000.00
Total, Internal Revenue Service	169,086,500.00	35,581,860.00
Bureau of Prohibition:		
Enforcement of narcotic and national prohibition acts	12,729,140.00	13,320,405.00
Allowance or drawback	275,000.00	250,000.00
Total, Bureau of Prohibition	13,004,140.00	13,570,405.00
Coast Guard:		
Salaries, office of Coast Guard	262,000.00	260,000.00
Expenses of the Coast Guard	28,672,770.00	29,340,000.00
Coast Guard special funds	6,500.00	
Total, Coast Guard	28,941,270.00	29,600,000.00
Bureau of Engraving and Printing:		
Salaries	511,495.00	465,000.00
Compensation of employees, plate printing and miscellaneous expenses	5,696,300.00	6,707,590.00
Total, Bureau of Engraving and Printing	6,207,795.00	7,172,590.00
Secret Service Division:		
Salaries	28,740.00	27,640.00
Suppressing counterfeiting and other crimes	523,000.00	495,000.00
Total, Secret Service Division	551,740.00	522,640.00
Public Health Service:		
Salaries, office of Surgeon General	300,000.00	103,000.00
Pay, etc., of commissioned officers, acting assistant surgeons, and other employees	2,494,474.00	2,490,000.00
General expenses, Public Health Service	189,500.00	196,500.00
Pay of personnel and maintenance of hospitals	5,150,000.00	5,325,000.00
Quarantine service	460,000.00	460,000.00
Field investigations of public health	300,000.00	280,000.00
Preventing the spread of epidemic diseases	400,000.00	400,000.00
Studies of rural sanitation, etc	230,000.00	85,000.00
Expenses Division of Venereal Diseases	70,000.00	70,000.00
Total, Public Health Service	9,593,974.00	9,409,500.00

Recapitulation of estimates of appropriations for 1929, and of appropriations for 1928, by departments, etc.—Continued

Organization units	Estimates for 1929	Appropriations for 1928
CHAPTER XI.—TREASURY DEPARTMENT—Continued		
Mint establishment:		
Salaries, office of the Director of the Mint	$34, 500. 00	$33, 600. 00
Contingent expenses, office of the Director of the Mint	12, 500. 00	13, 500. 00
Salaries and wages, mints and assay offices	1, 288, 160. 00	1, 308, 870. 00
Contingent expenses, mints and assay offices	284, 300. 00	310, 100. 00
Total, Mint Establishment	1, 619, 460. 00	1, 666, 070. 00
Supervising Architect:		
Salaries	337, 120. 00	360, 000. 00
Operating expenses, public buildings	11, 130, 550. 00	10, 500, 050. 00
Repairs, equipment, and general expenses, public buildings	3, 685, 000. 00	3, 090, 000. 00
Construction, sites, rent, etc., public buildings, marine hospitals, and quarantine stations	21, 732, 500. 00	872, 500. 00
Total under Supervising Architect	36, 885, 170. 00	14, 822, 550. 00
Promoting education of the blind (including $10,000 permanent appropriation)	75, 000. 00	50, 000. 00
Total, Treasury Department, exclusive of interest and principal of the public debt	316, 333, 562. 00	168, 726, 133. 00
Interest on public debt	670, 000, 000. 00	720, 000, 000. 00
Public-debt retirements chargeable against ordinary receipts:		
Sinking fund	369, 209, 093. 53	354, 157, 085. 00
Other redemptions of the debt	172, 414, 300. 00	182, 963, 650. 00
Total	541, 623, 393. 53	537, 120, 735. 00
Total, Treasury Department	1, 527, 956, 955. 53	1, 425, 846, 868. 00
CHAPTER XII. WAR DEPARTMENT		
Salaries, office of the Secretary	225, 596. 00	226, 349. 00
Contingent expenses of the department, including stationery and postage	148, 710. 00	151, 090. 00
Printing and binding	500, 000. 00	500, 000. 00
Contingencies of the Army	12, 000. 00	12, 000. 00
Total under Secretary of War	886, 306. 00	889, 439. 00
General Staff Corps:		
Salaries, office of Chief of Staff	217, 038. 00	217, 038. 00
Contingencies, Military Intelligence Division	70, 000. 00	60, 000. 00
Total, General Staff Corps	287, 038. 00	277, 038 00
Adjutant General's Department:		
Salaries, office of Adjutant General	1, 340, 614. 00	1, 355, 000. 00
Contingencies, headquarters of military departments	4, 500. 00	4, 500. 00
Army War College	73, 610. 00	68, 390. 00
Command and General Staff School	40, 599. 00	40, 599. 00
Military post exchanges	82, 740. 00	82, 400. 00
Total under Adjutant General	1, 542, 063. 00	1, 550, 889. 00
Salaries, office of Inspector General	25, 640. 00	25, 180. 00
Salaries, office of Judge Advocate General	105, 000. 00	100, 000. 00
Finance Department:		
Salaries, office of Chief of Finance	351, 620. 00	351, 500. 00
Pay of the Army	130, 429. 179. 00	124, 688. 704. 00
Mileage of the Army	740, 000. 00	767, 000. 00
Expenses of courts-martial	90, 000. 00	100, 000. 00
Apprehension of deserters	150, 000. 00	125, 000. 00
Finance service	1, 050, 000. 00	1, 050, 000. 00
Claims and miscellaneous items	37, 900. 00	56, 000. 00
Pay of the Army, deposit fund	1, 500, 000. 00	1, 500, 000. 00
Total, Finance Department	134, 348, 699. 00	128, 638, 204. 00
Quartermaster Corps:		
Salaries, office of Quartermaster General	744, 076. 00	683, 878. 00
Subsistence of the Army	24, 400, 000. 00	17, 676, 923. 00
Regular supplies	12, 600, 000. 00	12, 936, 034. 00
Clothing and equipage	6, 400, 000. 00	6, 571, 995. 00
Incidental expenses	3, 617, 000. 00	3, 626, 724. 00
Army transportation	17, 600, 000. 00	14, 683, 253. 00
Horses for Cavalry, Artillery, Engineers, etc	546, 000. 00	504, 750. 00

Recapitulation of estimates of appropriations for 1929, and of appropriations for 1928, by departments, etc.—Continued

Organization units	Estimates for 1929	Appropriations for 1928
CHAPTER XII.—WAR DEPARTMENT—Continued		
Quartermaster Corps—Continued.		
Military posts		$3, 620, 000. 00
Barracks and quarters	$6, 000, 000. 00	4, 528, 837. 00
Barracks and quarters, Philippine Islands	350, 000. 00	350, 000. 00
Construction of buildings, etc., at military posts	5, 000, 000. 00	
Water and sewers at military posts	2, 860, 000. 00	2, 881, 661. 00
Roads, walks, wharves, and drainage	1, 230, 000. 00	1, 007, 000. 00
Shooting galleries and ranges	42, 000. 00	40, 000. 00
Rent of buildings	15, 300. 00	14, 400. 00
Sewerage system, Fort Monroe, Va	16, 866. 00	16, 866. 00
Construction and repair of hospitals, etc	570, 000. 00	571, 434. 00
Total, Quartermaster Corps	81, 991, 242. 00	69, 713, 755. 00
Signal Corps:		
Salaries, Signal Office	94, 000. 00	56, 836. 00
Signal Service of the Army	2, 800, 000. 00	2, 228, 552. 00
Fortifications under Signal Corps	184, 120. 00	166, 000. 00
Total, Signal Corps	3, 078, 120. 00	2, 451, 388. 00
Air Corps:		
Salaries, office of Chief of Air Corps	218, 294. 00	206, 294. 00
Air Corps, Army	24, 817, 268. 00	20, 396, 300. 00
Total, Air Corps	25, 035, 562. 00	20, 602, 594. 00
Medical Department:		
Salaries, office of Surgeon General	261, 347. 00	261, 347. 00
Medical and hospital department	1, 255, 397. 00	1, 087, 370. 00
Hospital care, Canal Zone garrison	40, 000. 00	40, 000. 00
Army Medical Museum and Library	28, 000. 00	27, 000. 00
Total, Medical Department	1, 584, 744. 00	1, 415, 717. 00
Bureau of Insular Affairs:		
Salaries, Bureau of Insular Affairs	78, 460. 00	78, 463. 00
Care of insane Filipino and Porto Rican soldiers	450. 00	450. 00
Total Bureau of Insular Affairs	78, 910. 00	78, 913. 00
Corps of Engineers:		
Salaries, office of the Chief of Engineers	116, 820. 00	116, 820. 00
Engineer depots	90, 000. 00	87, 000. 00
Engineer School	29, 910. 00	29, 910. 00
Engineer equipment of troops	325, 000. 00	85, 408. 00
Engineer operations in the field	81, 223. 00	81, 223. 00
Military surveys and maps	80, 000. 00	80, 000. 00
Fortifications in the United States	516, 100. 00	371, 940. 00
Fortifications in insular possessions	384, 610. 00	108, 100. 00
Fortifications, Panama Canal	609, 350. 00	496, 481. 00
Total, Corps of Engineers	2, 233, 013. 00	1, 456, 882. 00
Ordnance Department:		
Salaries, office of the Chief of Ordnance	395, 685. 00	155, 685. 00
Ordnance service	1, 021, 140. 00	1, 023, 000. 00
Ordnance stores, ammunition	4, 000, 000. 00	2, 864, 521. 00
Manufacture of arms	312, 848. 00	312, 848. 00
Ordnance stores and supplies	675, 310. 00	577, 000. 00
Automatic rifles	344, 500. 00	221, 500. 00
Tanks	245, 000. 00	237, 500. 00
Field Artillery armament	3, 033, 537. 00	1, 828, 600. 00
Proving grounds	169, 000. 00	169, 000. 00
Arsenals, etc	930, 000. 00	875, 000. 00
Fortifications	1, 684, 762. 00	1, 733, 887. 00
Ordnance material, proceeds of sales	65, 000. 00	
Total, Ordnance Department	12, 876, 782. 00	9, 998, 541. 00
Chemical Warfare Service:		
Salaries, office of Chief of Chemical Warfare Service	40, 432. 00	21, 272. 00
Chemical Warfare Service	1, 249, 780. 00	1, 304, 780. 00
Total, Chemical Warfare Service	1, 290, 212. 00	1, 326, 052. 00

Recapitulation of estimates of appropriations for 1929, and of appropriations for 1928, by departments, etc.—Continued

Organization units	Estimates for 1929	Appropriations for 1928
CHAPTER XII.—WAR DEPARTMENT—Continued		
Chief of Infantry:		
Infantry School, Fort Benning, Ga	$37, 262. 00	$33, 858. 00
Tank Service	26, 413. 00	25, 018. 00
Total, Chief of Infantry	63, 675. 00	58, 876. 00
Chief of Cavalry: Cavalry School, Fort Riley, Kans	18, 650. 00	17, 172. 00
Chief of Field Artillery: Field Artillery schools and instruction	26, 196. 00	22, 820. 00
Chief of Coast Artillery:		
Salaries, office of Chief of Coast Artillery	23, 520. 00	23, 150. 00
Coast Artillery School, Fort Monroe, Va	28, 720. 00	24, 966. 00
Fortifications in the United States	354, 127. 00	173, 600. 00
Fortifications in insular possessions	275, 900. 00	120, 180. 00
Fortifications, Panama Canal	202, 787. 00	141, 450. 00
Total, Chief of Coast Artillery	885, 054. 00	483, 346. 00
Military Academy:		
Pay	1, 195, 830. 00	1, 180, 303. 00
Maintenance	1, 110, 221. 00	1, 066, 284. 00
Buildings		861, 000. 00
Total, Military Academy	2, 306, 051. 00	3, 107, 587. 00
Militia Bureau:		
Salaries	138, 600. 00	132, 000. 00
Arming, equipping, and training the National Guard	15, 751, 506. 00	15, 787, 677. 00
Armory drill pay	10, 700, 000. 00	9, 498, 000. 00
Arms, uniforms, and equipment, National Guard	5, 263, 150. 00	4, 512, 280. 00
Total under Militia Bureau	31, 853, 256. 00	29, 929, 957. 00
Organized Reserves	4, 631, 927. 00	4, 158, 641. 00
Citizens' military training:		
Reserve Officers' Training Corps	2, 970, 000. 00	2, 645, 914. 00
Supplies for schools and colleges	8, 900. 00	8, 900. 00
Citizens' military training camps	2, 561, 240. 00	2, 801, 240. 00
Total citizens' military training	5, 540, 140. 00	5, 456, 054. 00
National Board for Promotion of Rifle Practice	214, 375. 00	359, 840. 00
Total, military activities other than Regular Army	42, 101, 098. 00	39, 772, 492. 00
Total, military activities and departmental	310, 902, 655. 00	282, 118, 885. 00
NONMILITARY ACTIVITIES		
Finance Department:		
Extra pay, war with Spain	875. 00	
Annuities	5, 400. 00	5, 400. 00
Quartermaster Corps:		
National cemeteries	785, 025. 00	898, 832. 00
National military parks	195, 323. 00	229, 600. 00
Preservation birthplace of Lincoln, trust fund	1, 700. 00	1, 700. 00
Total under Quartermaster Corps	982, 048. 00	1, 130, 132. 00
Signal Corps: Washington-Alaska military cable and telegraph system	159, 080. 00	168, 080. 00
Medical Department:		
Artificial limbs	44, 250. 00	28, 500. 00
Trusses and appliances for disabled soldiers	900. 00	1, 100. 00
Medical and Surgical History of the World War	9, 480. 00	14, 500. 00
Total under Medical Department	54, 630. 00	44, 100. 00

Recapitulation of estimates of appropriations for 1929, and of appropriations for 1928, by departments, etc.—Continued

Organization units	Estimates for 1929	Appropriations for 1928
CHAPTER XII.—WAR DEPARTMENT—Continued		
NONMILITARY ACTIVITIES—Continued		
Corps of Engineers:		
Miscellaneous objects—		
Improvements, birthplace of Washington, Wakefield, Va	$3, 500. 00	$4, 200. 00
Expenses, California Débris Commission	15, 000. 00	15, 000. 00
Construction and maintenance of roads, bridges, and trails, Alaska	500, 000. 00	1, 000, 000. 00
Appropriations for 1928 not asked for 1929		22, 500. 00
Total, miscellaneous objects	518, 500. 00	1, 041, 700. 00
Rivers and harbors—		
Annual appropriations	50, 000, 000. 00	50, 150, 000. 00
Muscle Shoals	275, 000. 00	300, 000. 00
Flood control	10, 400, 000. 00	10, 400, 000. 00
Permanent specific and indefinite appropriations	7, 501, 200. 00	5, 697, 600. 00
Total, rivers and harbors	68, 176, 200. 00	66, 547, 600. 00
Roads in Alaska:		
Wagon roads, bridges and trails, Alaska fund	125, 000. 00	
Funds contributed for improvement of roads, bridges, and ferries in Alaska	100, 000. 00	
Total, roads in Alaska	225, 000. 00	
Total, Corps of Engineers	68, 919, 700. 00	67, 589, 300. 00
Soldiers' homes:		
National Homes for Disabled Volunteer Soldiers	7, 785, 300. 00	7, 755, 132. 00
State and Territorial Homes for Disabled Soldiers and Sailors	560, 000. 00	570, 000. 00
Soldiers' home permanent fund	695, 455. 00	757, 700. 00
Soldiers' home interest account	98, 000. 00	118, 600. 00
Total under soldiers' homes	9, 138, 755. 00	9, 201, 432. 00
Total nonmilitary activities (exclusive of Panama Canal)	79, 260, 488. 00	78, 138, 444. 00
Total military activities, including departmental	310, 902, 655. 00	282, 118, 885. 00
Total under War Department, exclusive of Panama Canal	390, 163, 143. 00	360, 257, 329. 00
Panama Canal	8, 660, 000. 00	7, 600, 000. 00
Total, War Department, including Panama Canal	398, 823, 143. 00	367, 857, 329. 00
CHAPTER XIII.—DISTRICT OF COLUMBIA		
General fund:		
General government	1, 883, 986. 00	1, 808, 013. 00
Protection of life and property	5, 734, 105. 00	5, 629, 082. 00
Health and sanitation	3, 654, 560. 00	3, 773, 560. 00
Highways	5, 581, 150. 00	4, 962, 820. 00
Public welfare	4, 756, 325. 00	3, 597, 695. 00
Education	12, 471, 030. 00	12, 298, 635. 00
Recreation	2, 094, 680. 00	2, 275, 870. 00
Total, general fund	36, 175, 836. 00	34, 345, 675. 00
Public service enterprises	1, 535, 350. 00	1, 936, 710. 00
Trust and special funds	2, 720, 000. 00	2, 542, 000. 00
Total, District of Columbia	40, 431, 186. 00	38, 824, 385. 00
SUMMARY BY DEPARTMENTS		
Legislative establishment	16, 862, 930. 86	16, 434, 579. 56
Executive Office and independent establishments	612, 204, 052. 00	520, 355, 808. 00
Department of Agriculture	142, 753, 229. 00	139, 862, 989. 00
Department of Commerce	37, 599, 460. 00	36, 630, 450. 00
Interior Department	300, 190, 089. 00	285, 484, 020. 00
Department of Justice	26, 784, 630. 00	26, 400, 889. 50
Department of Labor	10, 735, 840. 00	10, 159, 516. 00
Navy Department	362, 167, 020. 00	318, 131, 957. 00
Post Office Department and Postal Service [2]	768, 270, 042. 00	755, 336, 200. 00
State Department	14, 015, 188. 14	12, 155, 119. 41
Treasury Department	1, 527, 956, 955. 53	1, 425, 846, 868. 00
War Department, including Panama Canal	398, 823, 143. 00	367, 857, 329. 00
District of Columbia	40, 431, 186. 00	38, 824, 385. 00
Total estimates and appropriations	4, 258, 793, 765. 53	[1] 3, 953, 480, 110. 47
Deduct Post Office Department and Postal Service [2]	768, 270, 042. 00	755, 336, 200. 00
Total payable from the Treasury, exclusive of postal deficiencies	3, 490, 523, 723. 53	3, 198, 143, 910. 47

[1] Includes all appropriations made for the fiscal year 1928 to March 3, 1927, including revised permanent and indefinite appropriations for the public debt.
[2] Includes deficiencies in postal revenues.

Recapitulation of estimates of appropriations for 1929, and of appropriations for 1928, by departments, etc.—Continued

Organization units	Estimates for 1929	Appropriations for 1928
PERMANENT APPROPRIATIONS INCLUDED IN THE FOREGOING SUMMARY		
LEGISLATIVE		
Library of Congress:		
Bequest of Gertrude M. Hubbard, interest account	$800. 00	$800. 00
Contributed funds	160, 000. 00	
Total, Library of Congress	160, 800. 00	800. 00
INDEPENDENT OFFICES		
Smithsonian Institution, interest account	60, 000. 00	60, 000. 00
Relief of the indigent: Alaska fund	15, 000. 00	15, 000. 00
Federal Board for Vocational Education:		
Salaries and expenses	200, 000. 00	200, 000. 00
Cooperative vocational education in agriculture	3, 027, 000. 00	3, 027, 000. 00
Cooperative vocational education in trades and industries	3, 050, 000. 00	3, 050, 000. 00
Cooperative vocational education, teachers, etc	1, 090, 000. 00	1, 090, 000. 00
Federal Power Commission	8, 250. 00	10, 000. 00
Federal Reserve Board	2, 700, 000. 00	
U. S. Veterans' Bureau—Government life-insurance fund	74, 500, 000. 00	
Total permanent appropriations under independent offices	84, 650, 250. 00	7, 452, 000. 00
DEPARTMENT OF AGRICULTURE		
Meat inspection, Bureau of Animal Industry	3, 000, 000. 00	3, 000, 000. 00
Cooperative work, Forest Service	1, 500, 000. 00	1, 800, 000. 00
Refund to depositors, excess of deposits, national forests fund	75, 000. 00	100, 000. 00
Payments to States and Territories from the national forests fund	1, 285, 000. 00	1, 307, 750. 00
Roads and trails for States, national forests fund	530, 000. 00	523, 000. 00
Payments to school funds, Arizona and New Mexico, national forests fund	40, 000. 00	40, 000. 00
National Forest Reservation Commission	500. 00	500. 00
Cooperative agricultural extension work	4, 580, 000. 00	4, 580, 000. 00
Total permanent appropriations under Department of Agriculture	11, 010, 500. 00	11, 351, 250. 00
DEPARTMENT OF COMMERCE		
Miscellaneous	3, 000. 00	3, 000. 00
INTERIOR DEPARTMENT		
Deposits by individuals for surveying public lands	30, 000. 00	35, 000. 00
Repayment for lands erroneously sold	30, 000. 00	50, 000. 00
Five, three, and two per cent funds to States (lands)	15, 000. 00	15, 000. 00
Payments to States from receipts under mineral leasing act	2, 000, 000. 00	2, 800, 000. 00
Colleges for agriculture and the mechanic arts	2, 550, 000. 00	2, 550, 000. 00
Coos Bay wagon road grant fund	40, 000. 00	
Payments to certain counties of Oregon and Washington	600, 000. 00	
Annette Islands Reserve, Alaska, fund from leases	13, 000. 00	
Purchase of lands, national parks	50, 000. 00	
Donations to National Park Service	2, 000. 00	
Public schools, Alaska fund	50, 000. 00	25, 000. 00
Alaskan reindeer fund		500. 00
Miscellaneous trust funds	201, 000. 00	225, 500. 00
Miscellaneous	13, 000. 00	3, 000. 00
Indian moneys, proceeds of labor	2, 000, 000. 00	1, 500, 000. 00
Miscellaneous trust funds of Indian tribes	19, 000, 000. 00	17, 000, 000. 00
Interest on Indian trust funds	720, 000. 00	800, 000. 00
Civilization of the Sioux Indians	140, 000. 00	175, 000. 00
Total permanent appropriations under Interior Department	27, 454, 000. 00	25, 179, 000. 00
DEPARTMENT OF LABOR		
Miscellaneous	10, 000. 00	25, 000. 00
NAVY DEPARTMENT		
Pay of the Navy and Marine Corps, deposit fund	272, 500. 00	300, 000. 00
Navy fines and forfeitures	140, 000. 00	140, 000. 00
Ships' stores profits, Navy	300, 000. 00	310, 000. 00
Naval Home, Philadelphia	175, 000. 00	166, 800. 00
Naval hospital fund	1, 000, 000. 00	1, 000, 000. 00
Miscellaneous	50. 00	50. 00
Total permanent appropriations under Navy Department	1, 887, 550. 00	1, 916, 850. 00
POST OFFICE DEPARTMENT		
Deficiency in postal revenue	15, 270, 042. 00	

Recapitulation of estimates of appropriations for 1929, and of appropriations for 1928, by departments, etc.—Continued

Organization units	Estimates for 1929	Appropriations for 1928
PERMANENT APPROPRIATIONS INCLUDED IN THE FOREGOING SUMMARY—Continued		
STATE DEPARTMENT		
Pay of Foreign Service officers for services to American vessels and seamen	$10,000.00	$10,000.00
Trust funds	20,000.00	20,000.00
Pan American Union quotas	95,233.00	95,233.00
Foreign government moieties	15,000.00	15,000.00
Miscellaneous	1,000.00	1,000.00
Total permanent appropriations under State Department	141,233.00	141,233.00
TREASURY DEPARTMENT		
Recoinage of silver coins	190,000.00	195,000.00
Expenses of loans, act Sept. 24, 1917, as amended and extended	423,180.00	306,540.00
Preparation and issue of Federal reserve notes, reimbursable		1,504,000.00
Preparation, custody, and delivery of farm-loan bonds, reimbursable	92,832.00	71,000.00
Preparation, custody, and delivery of Federal intermediate credit bank securities, reimbursable	3,725.00	3,000.00
Vessels and stations for Coast Guard (proceeds of sales)	6,500.00	
Refund of excessive duties	7,000,000.00	6,400,000.00
Debentures or drawbacks, bounties or allowances	12,000,000.00	18,000,000.00
Refunding moneys erroneously received and covered (customs)		
Refunding penalties or charges erroneously exacted (customs)	7,500.00	5,000.00
Proceeds of goods seized and sold (customs)		
Refunding proceeds of unclaimed merchandise (customs)		
Philippine special fund (customs)	5,500.00	5,500.00
Contingent expenses, national currency, reimbursable	150,000.00	165,000.00
Salaries and expenses, national-bank examiners	2,300,000.00	2,250,000.00
Allowance or drawback (internal revenue)	150,000.00	150,000.00
Redemption of stamps (internal revenue)	700,000.00	1,000,000.00
Allowance or drawback (prohibition)	275,000.00	250,000.00
Repayment of taxes erroneously collected under act of June 13, 1898	5,000.00	5,000.00
Philippine special fund (internal revenue)	400,000.00	800,000.00
Porto Rico special fund (internal revenue)	1,000.00	5,000.00
Additional income tax on railroads in Alaska	15,000.00	20,000.00
To promote the education of the blind (interest)	10,000.00	10,000.00
Miscellaneous items	500.00	
Total permanent appropriations under Treasury Department, exclusive of public debt	23,735,737.00	31,145,040.00
Interest on the public debt	670,000,000.00	720,000,000.00
Public-debt retirements from ordinary receipts:		
Sinking fund	369,209,093.53	354,157,085.00
Redemption of bonds, etc., received as repayments of principal by foreign governments	37,219,300.00	47,188,650.00
Redemption of bonds, etc., received as interest payments on obligations of foreign governments	133,995,000.00	134,775,000.00
Obligations retired from Federal reserve bank franchise tax receipts	500,000.00	300,000.00
Obligations retired from net earnings of Federal intermediate credit banks	500,000.00	500,000.00
Miscellaneous, forfeitures, gifts, etc	200,000.00	200,000.00
Total public-debt retirements from ordinary receipts	541,623,393.53	537,120,735.00
Total permanent appropriations under Treasury Department, including public debt	1,235,359,130.53	1,288,265,775.00
WAR DEPARTMENT		
Pay of the Army, deposit fund	1,500,000.00	1,500,000.00
Soldiers' Home, permanent fund	695,455.00	757,700.00
Soldiers' Home, interest account	98,000.00	118,600.00
Preservation birthplace of Lincoln	1,700.00	1,700.00
Permanent International Commission of Congresses of Navigation	3,000.00	3,000.00
Ordnance material, proceeds of sales	65,000.00	
Extra pay, war with Spain	875.00	
Operating and care of canals and other works of navigation	5,500,000.00	5,200,000.00
Removing sunken vessels or craft obstructing or endangering navigation	200,000.00	200,000.00
Removing obstructions in Mississippi, Atchafalaya, and Old Rivers	100,000.00	100,000.00
Operating snag and dredge boats on upper Mississippi, Illinois, and Minnesota Rivers	25,000.00	25,000.00
Operating snag boats on the Ohio River	50,000.00	50,000.00
Funds contributed and advanced for improvement of rivers and harbors	1,503,600.00	
Wagon roads, bridges, and trails, Alaska fund	125,000.00	
Funds contributed for improvement of roads, etc., in Alaska	100,000.00	
Maintenance of channel, South Pass, Mississippi River	100,000.00	100,000.00
Gauging the waters of the Mississippi and its tributaries	9,600.00	9,600.00
Examination and surveys at South Pass, Mississippi River	10,000.00	10,000.00
Total permanent appropriations under War Department	10,087,230.00	8,075,600.00

Recapitulation of estimates of appropriations for 1929, and of appropriations for 1928, by departments, etc.—Continued

Organization units'	Estimates for 1929	Appropriations for 1928
PERMANENT APPROPRIATIONS INCLUDED IN THE FOREGOING SUMMARY—Continued		
DISTRICT OF COLUMBIA		
Refunding taxes		$60, 000. 00
Extension of strects and avenues		130, 000. 00
Teachers' retirement fund		325, 000. 00
Industrial Home School funds		4, 000. 00
Miscellaneous trust-fund deposits		1, 000, 000. 00
Escheated estates relief fund		3, 000. 00
Washington redemption fund		350, 000. 00
Police and firemen's relief fund		590, 000. 00
Permit fund		80, 000. 00
Total permanent appropriations under District of Columbia	$2, 720, 000. 00	$2, 542, 000. 00
Total permanent appropriations	1, 388, 753, 735. 53	1, 344, 952, 508. 00

ESTIMATES OF APPROPRIATIONS

REQUIRED

FOR THE SERVICE OF THE FISCAL YEAR ENDING JUNE 30, 1929

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object		Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
CHAPTER I.—LEGISLATIVE ESTABLISHMENT			
UNITED STATES SENATE			
Salaries and Mileage of Senators—			
Salaries of Senators (*U. S. C., p. 4, sec. 31; p. 5, sec. 43; act Feb. 23, 1927, vol. 44, p. 1146*)	$960,000.00		
Mileage of Senators (*same acts*)	51,000.00		
		$1,011,000.00	$1,011,000.00
Salaries, Officers and Employees, Senate—			
Office of the Vice President:			
Secretary to the Vice President (*acts May 24, 1924, vol. 43, pp. 147–149; Feb. 23, 1927, vol. 44, pp. 1146–1149*)	4,200.00		
Assistant clerk (*same acts*)	2,080.00		
Clerk (*same acts*)	1,940.00		
Assistant clerk (*same acts*)	1,830.00		
Total	$10,050.00		
Chaplain of the Senate (*same acts*)	1,520.00		
Total	$1,520.00		
Office of the Secretary:			
Secretary of the Senate, including compensation as disbursing officer of salaries of Senators, and of contingent fund of the Senate (*same acts*)	6,500.00		
Assistant Secretary, Henry M. Rose (*same acts*)	4,500.00		
Chief Clerk, who shall perform the duties of reading clerk (*same acts*)	5,500.00		
Financial clerk (*same acts*)	5,000.00		
Principal clerk (*same acts*)	3,420.00		
Assistant financial clerk (*same acts*)	4,200.00		
Minute and Journal clerk (*same acts*)	4,200.00		
Legislative clerk (*same acts*)	3,150.00		
Librarian (*same acts*)	3,000.00		
Enrolling clerk (*same acts*)	3,150.00		
Printing clerk (*same acts*)	3,000.00		
Executive clerk (*same acts*)	2,890.00		
File clerk, chief bookkeeper, and assistant Journal clerk, at $2,880 each (*same acts*)	8,640.00		
First assistant librarian, and keeper of stationery, at $2,780 each (*same acts*)	5,560.00		
Assistant librarian (*same acts*)	2,150.00		
Skilled laborer (*same acts*)	1,520.00		
Three clerks, at $2,880 each (*same acts*)	8,640.00		
One clerk (*same acts*)	2,590.00		
One clerk (*same acts*)	1,800.00		
One clerk (*same acts*)	2,460.00		
One clerk (*same acts*)	2,100.00		
One clerk (*same acts*)	1,770.00		
Assistant keeper of stationery (*same acts*)	2,360.00		
Assistant in stationery room (*same acts*)	1,520.00		
Messenger in library (*same acts*)	1,310.00		
Special officer (*same acts*)	2,150.00		
Assistant in library (*same acts*)	1,520.00		
Laborers: 4 at $1,140 each; 2 at $1,010 each; 1 in stationery room, at $1,440 (*same acts*)	8,020.00		
Total	$102,620.00		
Document Room:			
Superintendent (*same acts*)	3,600.00		
First assistant (*same acts*)	3,000.00		
Second assistant, in lieu of employee heretofore paid under Senate Resolution Numbered 90 (*same acts*)	2,400.00		
Two clerks, at $1,770 each (*same acts*)	3,540.00		
Skilled laborer (*same acts*)	1,520.00		
Total	$14,060.00		
Clerks and messengers to the following committees: Agriculture and Forestry—clerk, $3,300; assistant clerk, $2,500; assistant clerk, $2,150; assistant clerk, $1,830; additional clerk, $1,520. Appropriations—clerk, $6,000; assistant clerk, $3,300; assistant clerk, $3,000; three assistant clerks, at $2,700 each; two assistant clerks, at $2,100 each; messenger, $1,520. To Audit and Control the Contingent Expenses of the Senate—clerk, $3,300; assistant			

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Salaries, Officers and Employees, Senate—Continued. clerk, $1,940; assistant clerk, $1,830; additional clerk, $1,520. Banking and Currency—clerk, $3,300; assistant clerk, $2,150; two assistant clerks, at $1,830 each. Civil Service—clerk, $3,300; assistant clerk, $1,940; assistant clerk, $1,830; additional clerk, $1,520. Claims—clerk, $3,300; assistant clerk, $2,570; assistant clerk, $2,360; two assistant clerks, at $1,830 each. Commerce—clerk, $3,300; assistant clerk, $2,590; assistant clerk, $2,150, assistant clerk, $1,830. Conference Minority of the Senate—clerk, $3,300; assistant clerk, $2,150; two assistant clerks, at $1,830 each. District of Columbia—clerk, $3,300; assistant clerk, $2,500; assistant clerk, $2,480; assistant clerk, $1,830; additional clerk, $1,520. Education and Labor—clerk, $3,300; assistant clerk, $2,150; assistant clerk, $1,830; additional clerk, $1,520. Enrolled Bills—clerk, $3,300; assistant clerk, $1,940; assistant clerk, $1,830; additional clerk, $1,520. Expenditures in the Executive Departments—clerk, $3,300; assistant clerk, $2,150; assistant clerk, $1,830; additional clerk, $1,520. Finance—clerk, $3,600; special assistant to the committee, $3,150; assistant clerk, $2,590; assistant clerk, $2,460; assistant clerk, $1,940; two assistant clerks, at $1,830 each; two experts (one for the majority and one for the minority), at $2,360 each; messenger, $1,520. Foreign Relations—clerk, $3,300; assistant clerk, $2,590; assistant clerk, $2,150; assistant clerk, $1,830; additional clerk, $1,520; messenger, $1,520. Immigration—clerk, $3,300; assistant clerk, $2,150; assistant clerk, $1,830; additional clerk, $1,520. Indian Affairs—clerk, $3,300; assistant clerk, $2,570; assistant clerk, $2,040; assistant clerk, $1,830; additional clerk, $1,520. Interoceanic Canals—clerk, $3,300; assistant clerk, $2,150; assistant clerk, $1,830; additional clerk, $1,520. Interstate Commerce—clerk, $3,300; assistant clerk, $2,500; two assistant clerks, at $2,150 each; assistant clerk, $1,830. Irrigation and Reclamation—clerk, $3,300; assistant clerk, $1,940; assistant clerk, $1,830; additional clerk, $1,520. Judiciary—clerk, $3,300; assistant clerk, $2,590; two assistant clerks, at $2,150 each; assistant clerk, $1,830. Library—clerk, $3,300; assistant clerk, $1,940; assistant clerk, $1,830; additional clerk, $1,520. Manufactures—clerk, $3,300; assistant clerk, $2,040; assistant clerk, $1,830; additional clerk, $1,520. Military Affairs—clerk, $3,300; assistant clerk, $2,590; additional clerk, $1,940; three assistant clerks, at $1,830 each. Mines and Mining—clerk, $3,300; assistant clerk, $1,940; assistant clerk, $1,830; additional clerk, $1,520. Naval Affairs—clerk, $3,300; assistant clerk, $2,590; assistant clerk, $1,940; two assistant clerks, at $1,830 each. Patents—clerk, $3,300; assistant clerk, $1,940; assistant clerk, $1,830; additional clerk, $1,520. Pensions—clerk, $3,300; assistant clerk, $2,150; four assistant clerks, at $1,830 each. Post Offices and Post Roads—clerk, $3,300; assistant clerk, $2,460; three assistant clerks, at $1,830 each; additional clerk, at $1,520, in lieu of clerk paid from contingent fund under Senate resolution of July 17, 1914. Printing—clerk, $3,300; assistant clerk, $2,150; assistant clerk, $1,830; additional clerk, $1,520. Privileges and Elections—clerk, $3,300; assistant clerk, $2,040; assistant clerk, $1,830; additional clerk, $1,520. Public Buildings and Grounds—clerk, $3,300; assistant clerk, $2,040; assistant clerk, $1,830; additional clerk, $1,520. Public Lands and Surveys—clerk, $3,300; assistant clerk, $2,360; assistant clerk, $2,150; two assistant clerks, at $1,830 each. Revision of the Laws—clerk, $3,300; assistant clerk, $1,940; assistant clerk, $1,830; additional clerk, $1,520. Rules—clerk, $3,300; to include full compensation for the preparation biennially of the Senate Manual under the direction of the Committee on Rules; two assistant clerks, at $2,150 each; assistant clerk, $1,830; additional clerk, $1,520. Territories and Insular Possessions—clerk, $3,300; assistant clerk, $1,940; assistant clerk, $1,830; additional clerk, $1,520 (*acts May 24, 1924, vol. 43, pp. 147–149; Feb. 23, 1927, vol. 44, pp. 1146–1149*)	$380, 940. 00	
Clerical assistance to Senators: For clerical assistance to Senators who are not chairmen of the committees specifically provided for herein: Seventy clerks, at $3,300 each, seventy assistant clerks, at $1,940 each, seventy assistant clerks, at $1,830 each, $494,900: *Provided*, That such clerks and assistant clerks shall be ex officio clerks and assistant clerks of any committee of which their Senator is chairman; seventy additional clerks, at $1,520 each, one for each Senator having no more than one clerk and two assistant clerks for himself or for the committee of which he is chairman, and messenger, $1,520; $107,920; in all (*same acts*)	602, 820. 00	
Office of Sergeant at Arms and Doorkeeper:		
Sergeant at Arms and Doorkeeper (*same acts*)	6, 500. 00	
Assistant doorkeeper (*same acts*)	4, 200. 00	
Acting assistant doorkeeper (*same acts*)	4, 200. 00	
Two floor assistants, at $3,600 each (*same acts*)	7, 200. 00	
Messengers, five (acting as assistant doorkeepers), including one for minority, at $2,150 each (*same acts*)	10, 750. 00	
Thirty-seven messengers, including one for minority, at $1,770 each (*same acts*)	65, 490. 00	
Messenger (*same acts*)	1, 310. 00	
Messenger at card door (*same acts*)	2, 400. 00	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object		Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Salaries, Officers and Employees, Senate—Continued.			
Office of Sergeant at Arms and Doorkeeper—Continued.			
Clerk on Journal work for Congressional Record, to be selected by the official reporters (*acts May 24, 1924, vol. 43, pp. 147–149; Feb. 23, 1927, vol. 44, pp. 1146–1150*)	$2,800.00		
Deputy Sergeant at Arms and storekeeper (*same acts*)	3,600.00		
Clerk	2,140.00		
Stenographer in charge of furniture accounts and records (*same acts*)	1,520.00		
Upholsterer and locksmith (*same acts*)	2,100.00		
Cabinetmaker (*same acts*)	1,800.00		
Three carpenters, at $1,800 each (*same acts*)	5,400.00		
Janitor (*same acts*)	1,800.00		
Four skilled laborers, at $1,440 each (*same acts*)	5,760.00		
One skilled laborer	1,310.00		
Laborer in charge of private passage (*same acts*)	1,340.00		
Three female attendants in charge of ladies' retiring rooms, at $1,240 each (*same acts*)	3,720.00		
Three attendants to women's toilet rooms, Senate Office Building, at $1,240 each (*same acts*)	3,720.00		
Chief telephone operator (*same acts*)	2,040.00		
Seven telephone operators, at $1,200 each (*same acts*)	8,400.00		
Night telephone operator (*same acts*)	1,010.00		
Telephone page (*same acts*)	1,010.00		
Laborer in charge of Senate toilet rooms in old library space (*same acts*)	950.00		
Superintendent of press gallery (*same acts*)	3,300.00		
Assistant superintendent of press gallery (*same acts*)	2,240.00		
Messenger for service to press correspondents (*same acts*)	1,240.00		
Three laborers, at $1,100 each (*same acts*)	3,300.00		
Thirty-four laborers, at $1,010 each (*same acts*)	34,340.00		
Twenty-one pages for the Senate Chamber, at the rate of $3.30 per day each during the session, 119 days (*same acts*)	8,246.70		
Total	$205,136.70		
For police force for Senate Office Building, under the Sergeant at Arms:			
Sixteen privates, at $1,360 each (*same acts*)	21,760.00		
Special officer (*same acts*)	1,520.00		
Total	$23,280.00		
Post office:			
Postmaster (*same acts*)	2,740.00		
Chief clerk (*same acts*)	2,150.00		
Wagon master (*same acts*)	1,800.00		
Eight mail carriers, at $1,520 each (*same acts*)	12,160.00		
Two riding pages, at $1,220 each (*same acts*)	2,440.00		
Total	$21,290.00		
Folding room:			
Foreman (*same acts*)	1,940.00		
Assistant (*same acts*)	1,730.00		
Clerk (*same acts*)	1,520.00		
Seven folders, at $1,310 each (*same acts*)	9,170.00		
Seven folders, at $1,140 each (*same acts*)	7,980.00		
Total	$22,340.00		
Reporting Debates and Proceedings, Senate—		$1,384,056.70	$1,390,293.70
For reporting the debates and proceedings of the Senate, payable in equal monthly installments (*act Feb. 23, 1927, vol. 44, p. 1150*)		50,844.00	50,844.00
Contingent Expenses, Senate—			
For stationery for Senators and the President of the Senate, including $7,500 for stationery for committees and officers of the Senate (*act Feb. 23, 1927, vol. 44, pp. 1149–1150*)		25,000.00	25,000.00
Postage stamps: For the office of the Secretary, $250; office of Sergeant at Arms, $100; in all (*same act*)		350.00	300.00
For maintaining, exchanging, and equipping motor vehicles for carrying the mails and for official use of the offices of the Secretary and Sergeant at Arms (*same act*)		10,000.00	10,000.00
For driving, maintenance, and operation of automobile for the Vice President (*same act*)		3,500.00	3,500.00
For materials for folding (*same act*)		1,500.00	1,500.00
For folding speeches and pamphlets, at a rate not exceeding $1 per thousand (*same act*)		10,000.00	10,000.00
For fuel, oil, cotton waste, and advertising, exclusive of labor (*same act*)		2,000.00	2,000.00
For purchase of furniture (*same act*)		5,000.00	5,000.00
For materials for furniture and repairs of same, exclusive of labor (*same act*)		3,000.00	3,000.00
For services in cleaning, repairing, and varnishing furniture (*same act*)		2,000.00	2,000.00
For packing boxes (*same act*)		970.00	970.00
For rent of warehouse for storage of public documents (*same act*)		2,000.00	2,000.00
For miscellaneous items, exclusive of labor (*same act*)		125,000.00	125,000.00
For expenses of inquiries and investigations ordered by the Senate, including compensation to stenographers of committees, at such rate as may be fixed by the Committee to Audit and Control the Contingent Expenses of the Senate, but not exceeding 25 cents per 100 words (*same act*)		150,000.00	150,000.00
For Senate kitchens and restaurants (*same act*)		40,000.00	35,000.00
Total, Senate		2,826,220.70	2,827,407.70

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object		Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
HOUSE OF REPRESENTATIVES			
Salaries and Mileage, Members and Delegates, House of Representatives—			
For compensation of Members of the House of Representatives, Delegates from Territories, the Resident Commissioner from Porto Rico, and the Resident Commissioners from the Philippine Islands (*U. S. C., p. 4, sec. 31; p. 5, secs. 43–46; p. 1569, sec. 134; p. 1657, sec. 651; p. 1625, sec. 893; p. 1630, sec. 1093; act Feb. 23, 1927, vol. 44, p. 1150*)	$4,407,500.00		
For mileage of Representatives and Delegates and expenses of Resident Commissioners (*same acts*)	175,000.00		
		$4,582,500.00	$4,582,500.00
Salaries, Officers and Employees, House of Representatives—			
Office of the Speaker:			
Secretary to Speaker (*U. S. C., p. 7, sec. 89; act Feb. 23, 1927, vol. 44, pp. 1150–1153*)	4,200.00		
Parliamentarian (*same acts*)	4,000.00		
For preparing Digest of Rules (*same acts*)	1,000.00		
Assistant parliamentarian	2,500.00		
Clerk to the Speaker (*same acts*)	1,940.00		
Messenger to the Speaker's table (*same acts*)	1,520.00		
Messenger to the Speaker (*same acts*)	1,440.00		
Total	$16,600.00		
Chaplain:			
For Chaplain (*same acts*)	1,520.00		
Total	$1,520.00		
Office of the Clerk:			
Clerk of the House of Representatives, including compensation as disbursing officer of the contingent fund (*same acts*)	6,500.00		
Journal clerk and two reading clerks, at $4,200 each (*same acts*)	12,600.00		
Disbursing clerk (*same acts*)	3,570.00		
Tally clerk (*same acts*)	3,470.00		
File clerk (*same acts*)	3,420.00		
Enrolling clerk, $3,200 and $1,000 additional so long as the position is held by the present incumbent (*same acts*)	4,200.00		
Property custodian and superintendent of furniture and repair shop, who shall be a skilled cabinetmaker or upholsterer and experienced in the construction and purchase of furniture (*same acts*)	3,600.00		
Two assistant custodians, at $3,000 each (*same acts*)	6,000.00		
Chief bill clerk (*same acts*)	3,150.00		
Assistant enrolling clerk (*same acts*)	2,880.00		
Assistant to disbursing clerk (*same acts*)	2,780.00		
Stationery clerk (*same acts*)	2,570.00		
Librarian (*same acts*)	2,460.00		
Assistant librarian (*same acts*)	2,240.00		
Assistant file clerk (*same acts*)	2,250.00		
Assistant librarian, and assistant Journal clerk, at $2,150 each (*same acts*)	4,300.00		
Clerks, one $2,150, three at $2,020 each (*same acts*)	8,210.00		
Bookkeeper, and assistant in disbursing office, at $1,940 each (*same acts*)	3,880.00		
Four assistants to chief bill clerk at $1,830 each (*same acts*)	7,320.00		
Stenographer to the Clerk (*same acts*)	1,730.00		
Locksmith and typewriter repairer (*same acts*)	1,620.00		
Messenger and clock repairer (*same acts*)	1,520.00		
Assistant in stationery room (*same acts*)	1,520.00		
Three messengers, at $1,410 each (*same acts*)	4,230.00		
Stenographer to Journal clerk (*same acts*)	1,310.00		
Fifteen telephone operators, at $1,200 each (*same acts*)	18,000.00		
Substitute telephone operator when required, at $3.30 per day (*same acts*)	1,200.00		
Laborers:			
Three at $1,200 each (*same acts*)	3,600.00		
Nine at $1,010 each (*same acts*)	9,090.00		
For the purchase, exchange, operation, maintenance and repair of motor vehicle (*same acts*)	1,200.00		
Total	$130,420.00		
Committee employees:			
Clerks, messengers, and janitors to the following committees:			
Accounts:			
Clerk (*same acts*)	3,300.00		
Assistant clerk (*same acts*)	2,150.00		
Janitor (*same acts*)	1,310.00		
Agriculture:			
Clerk (*same acts*)	2,880.00		
Assistant clerk (*same acts*)	2,150.00		
Janitor (*same acts*)	1,310.00		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Salaries, Officers and Employees, House of Representatives—Continued.		
Committee employees—Continued.		
Clerks, messengers, and janitors to the following committees—Continued.		
Appropriations:		
Clerk, $5,000, and $1,000 additional so long as the position is held by the present incumbent (*U. S. C., p. 7, sec. 89; act Feb. 23, 1927, vol. 44, pp. 1150–1155*)	$6,000.00	
Assistant clerk (*same acts*)	4,500.00	
Five assistant clerks, at $3,300 each (*same acts*)	16,500.00	
Assistant clerk (*same acts*)	2,700.00	
Janitor (*same acts*)	1,440.00	
Banking and Currency:		
Clerk (*same acts*)	2,360.00	
Assistant clerk (*same acts*)	1,520.00	
Janitor (*same acts*)	1,010.00	
Census:		
Clerk (*same acts*)	2,360.00	
Janitor (*same acts*)	1,010.00	
Civil Service:		
Clerk (*same acts*)	2,360.00	
Janitor (*same acts*)	1,010.00	
Claims:		
Clerk (*same acts*)	3,300.00	
Assistant clerk (*same acts*)	1,520.00	
Janitor (*same acts*)	1,010.00	
Coinage, Weights, and Measures:		
Clerk (*same acts*)	2,360.00	
Janitor (*same acts*)	1,010.00	
Disposition of Useless Executive Papers:		
Clerk (*same acts*)	2,360.00	
District of Columbia:		
Clerk (*same acts*)	2,880.00	
Assistant clerk (*same acts*)	2,150.00	
Janitor (*same acts*)	1,010.00	
Education:		
Clerk (*same acts*)	2,360.00	
Election of President, Vice President, and Representatives in Congress:		
Clerk (*same acts*)	2,360.00	
Elections No. 1:		
Clerk (*same acts*)	2,360.00	
Janitor (*same acts*)	1,010.00	
Elections No. 2:		
Clerk (*same acts*)	2,360.00	
Janitor (*same acts*)	1,010.00	
Elections No. 3:		
Clerk (*same acts*)	2,360.00	
Janitor (*same acts*)	1,010.00	
Enrolled Bills:		
Clerk (*same acts*)	2,360.00	
Janitor (*same acts*)	1,010.00	
Flood Control:		
Clerk (*same acts*)	2,360.00	
Janitor (*same acts*)	1,010.00	
Foreign Affairs:		
Clerk (*same acts*)	2,880.00	
Assistant clerk (*same acts*)	2,150.00	
Janitor (*same acts*)	1,010.00	
Immigration and Naturalization:		
Clerk (*same acts*)	2,880.00	
Janitor (*same acts*)	1,010.00	
Indian Affairs:		
Clerk (*same acts*)	2,880.00	
Assistant clerk (*same acts*)	2,150.00	
Janitor (*same acts*)	1,010.00	
Industrial Arts and Expositions:		
Clerk (*same acts*)	2,360.00	
Janitor (*same acts*)	1,010.00	
Insular Affairs:		
Clerk (*same acts*)	2,360.00	
Janitor (*same acts*)	1,010.00	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Salaries, Officers and Employees, House of Representatives—Continued.		
Committee employees—Continued.		
Clerks, messengers, and janitors to the following committees—Continued.		
Interstate and Foreign Commerce:		
Clerk (*U. S. C., p. 7, sec. 89; act Feb. 23, 1927, vol. 44, pp. 1150–1153*)	$3,300.00	
Additional clerk (*same acts*)	2,360.00	
Assistant clerk (*same acts*)	1,830.00	
Janitor (*same acts*)	1,310.00	
Irrigation and Reclamation:		
Clerk (*same acts*)	2,360.00	
Janitor (*same acts*)	1,010.00	
Invalid Pensions:		
Clerk (*same acts*)	2,880.00	
Stenographer (*same acts*)	2,560.00	
Expert examiner (*same acts*)	2,400.00	
Assistant clerk (*same acts*)	2,360.00	
Janitor (*same acts*)	1,240.00	
Judiciary:		
Clerk (*same acts*)	3,300.00	
Assistant clerk (*same acts*)	1,940.00	
Janitor (*same acts*)	1,240.00	
Labor:		
Clerk (*same acts*)	2,360.00	
Janitor (*same acts*)	1,010.00	
Library:		
Clerk (*same acts*)	2,360.00	
Janitor (*same acts*)	1,010.00	
Merchant Marine and Fisheries:		
Clerk (*same acts*)	2,360.00	
Janitor (*same acts*)	1,010.00	
Military Affairs:		
Clerk (*same acts*)	2,880.00	
Assistant clerk (*same acts*)	1,830.00	
Janitor (*same acts*)	1,310.00	
Mines and Mining:		
Clerk (*same acts*)	2,360.00	
Janitor (*same acts*)	1,010.00	
Naval Affairs:		
Clerk (*same acts*)	2,880.00	
Assistant clerk (*same acts*)	1,830.00	
Janitor (*same acts*)	1,310.00	
Patents:		
Clerk (*same acts*)	2,360.00	
Janitor (*same acts*)	1,010.00	
Pensions:		
Clerk (*same acts*)	2,880.00	
Assistant clerk (*same acts*)	1,940.00	
Janitor (*same acts*)	1,010.00	
Post Office and Post Roads:		
Clerk (*same acts*)	2,880.00	
Assistant clerk (*same acts*)	1,730.00	
Janitor (*same acts*)	1,310.00	
Printing:		
Clerk (*same acts*)	2,360.00	
Janitor (*same acts*)	1,310.00	
Public Buildings and Grounds:		
Clerk (*same acts*)	2,880.00	
Assistant clerk (*same acts*)	1,520.00	
Janitor (*same acts*)	1,010.00	
Public Lands:		
Clerk (*same acts*)	2,360.00	
Assistant clerk (*same acts*)	1,520.00	
Janitor (*same acts*)	1,010.00	
Revision of the Laws:		
Clerk (*same acts*)	3,000.00	
Janitor (*same acts*)	1,010.00	
Rivers and Harbors:		
Clerk (*same acts*)	2,880.00	
Assistant clerk (*same acts*)	2,150.00	
Janitor (*same acts*)	1,310.00	
Roads:		
Clerk (*same acts*)	2,360.00	
Janitor (*same acts*)	1,010.00	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object		Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Salaries, Officers and Employees, House of Representatives—Continued.			
Committee employees—Continued.			
Clerks, messengers, and janitors to the following committees—Continued.			
Rules:			
Clerk (*U. S. C., p. 7, sec. 89; act Feb. 23, 1927, vol. 44, pp. 1150–1153*)	$2, 880. 00		
Assistant clerk (*same acts*)	1, 830. 00		
Janitor (*same acts*)	1, 010. 00		
Territories:			
Clerk (*same acts*)	2, 360. 00		
Janitor (*same acts*)	1, 010. 00		
War Claims:			
Clerk (*same acts*)	2, 880. 00		
Assistant clerk (*same acts*)	1, 520. 00		
Janitor (*same acts*)	1, 010. 00		
Ways and Means:			
Clerk (*same acts*)	4, 200. 00		
Assistant clerk and stenographer (*same acts*)	2, 360. 00		
Assistant clerk (*same acts*)	2, 250. 00		
Clerk for the minority (*same acts*)	2, 880. 00		
Janitors—one $1,310, one $1,010 (*same acts*)	2, 320. 00		
World War Veterans' Legislation:			
Clerk (*same acts*)	2, 880. 00		
Assistant clerk (*same acts*)	2, 150. 00		
Total	$249, 710. 00		
Office of Sergeant at Arms:			
Sergeant at Arms (*same acts*)	6, 500. 00		
Deputy Sergeant at Arms (*same acts*)	2, 880. 00		
Cashier (*same acts*)	4, 000. 00		
Two bookkeepers, at $3,000 each (*same acts*)	6, 000. 00		
Deputy Sergeant at Arms in charge of pairs (*same acts*)	2, 500. 00		
Pair clerk and messenger (*same acts*)	2, 500. 00		
Messenger (*same acts*)	1, 730. 00		
Stenographer and typewriter (*same acts*)	1, 200. 00		
Skilled laborer (*same acts*)	1, 140. 00		
Hire of automobile (*same acts*)	600. 00		
Total	$29, 050. 00		
For police force, House Office Building, under the Sergeant at Arms:			
Lieutenant (*same acts*)	1, 520. 00		
Nineteen privates, at $1,360 each (*same acts*)	25, 840. 00		
Total	$27, 360. 00		
Office of Doorkeeper:			
Doorkeeper (*same acts*)	5, 000. 00		
Special employee (*same acts*)	2, 500. 00		
Superintendent of House press gallery (*same acts*)	3, 300. 00		
Assistant to the superintendent of House press gallery (*same acts*)	2, 240. 00		
Janitor (*same acts*)	2, 400. 00		
Messengers—seventeen, at $1,500 each (*same acts*)	25, 500. 00		
Fourteen on soldiers' roll, at $1,520 each (*same acts*)	21, 280. 00		
Laborers—seventeen, at $1,010 each (*same acts*)	17, 170. 00		
Two known as cloakroom men, at $1,140 each (*same acts*)	2, 280. 00		
Eight known as cloakroom men, one at $1,010, and seven at $890 each (*same acts*)	7, 240. 00		
Three female attendants in ladies' retiring rooms, at $1, 440 each (*same acts*)	4, 320. 00		
Attendant in ladies' reception room (*same acts*)	1, 200. 00		
Superintendent of folding room (*same acts*)	2, 880. 00		
Foreman of folding room (*same acts*)	2, 340. 00		
Chief clerk to superintendent of folding room (*same acts*)	2, 150. 00		
Three clerks, at $1,940 each (*same acts*)	5, 820. 00		
Janitor (*same acts*)	1, 010. 00		
Laborer (*same acts*)	1, 010. 00		
Thirty-one folders, at $1,200 each (*same acts*)	37, 200. 00		
Shipping clerk (*same acts*)	1, 520. 00		
Two drivers, at $1,140 each (*same acts*)	2, 280. 00		
Two chief pages, at $1,740 each (*same acts*)	3, 480. 00		
Two telephone pages, at $1,440 each (*same acts*)	2, 880. 00		
Two floor managers of telephones (one for the minority), at $2,880 each (*same acts*)	5, 760. 00		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object		Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Salaries, Officers and Employees, House of Representatives—Continued.			
Office of Doorkeeper—Continued.			
Two assistant floor managers in charge of telephones (one for the minority), at $1,830 each (*U. S. C., p. 7, sec. 89; act Feb. 23, 1927, vol. 44, pp. 1150–1153*)	$3, 660. 00		
Forty-one pages during the session, including ten pages for duty at the entrances to the Hall of the House, at $3.30 per day each (*same act*)	15, 831. 00		
Press gallery page (*same acts*)	1, 200. 00		
Superintendent of document room (*same acts*)	3, 500. 00		
Assistant superintendent of document room (*same acts*)	2, 880. 00		
Clerk (*same acts*)	2, 040. 00		
Assistant clerk (*same acts*)	1, 940. 00		
Eight assistants, at $1,600 each (*same acts*)	12, 800. 00		
Janitor (*same acts*)	1, 220. 00		
Messenger to press room (*same acts*)	1, 310. 00		
Maintenance and repair of folding room motor truck (*same acts*)	500. 00		
Total	$209, 641. 00		
Special and minority employees:			
For the employment of Joel Grayson in the document room (*same acts*)	3, 300. 00		
For six minority employees, at $2,500 each, authorized and named in the resolution of December 5, 1923 (*same acts*)	15, 000. 00		
To continue employment of the assistant foreman of the folding room authorized in the resolution of September 30, 1913 (*same acts*)	1, 742. 16		
To continue employment of the person named in the resolution of April 28, 1914, as a laborer (*same acts*)	1, 140. 00		
To continue employment of the laborer authorized and named in the resolution of December 19, 1901 (*same acts*)	1, 140. 00		
Successors to any of the employees provided for in the five preceding paragraphs may be named by the House of Representatives at any time.			
Clerk, under the direction of the Clerk of the House, named in the resolution of February 13, 1923 (*same acts*)	2, 740. 00		
Total	$25, 062. 16		
Office of majority floor leader:			
Legislative clerk (*same acts*)	3, 600. 00		
Clerk (*same acts*)	2, 880. 00		
Assistant clerk (*same acts*)	1, 830. 00		
Janitor (*same acts*)	1, 310. 00		
Total	$9, 620. 00		
Conference minority:			
Clerk (*same acts*)	2, 880. 00		
Assistant clerk (*same acts*)	1, 830. 00		
Janitor (*same acts*)	1, 310. 00		
The foregoing employees to be appointed by the minority leader.			
Total	$6, 020. 00		
To continue the employment of messengers in the majority and minority caucus rooms, to be appointed by the majority and minority whips, respectively, at $1,520 each (*same acts*)	3, 040. 00		
Post office:			
Postmaster (*same acts*)	4, 200. 00		
Assistant postmaster (*same acts*)	2, 570. 00		
Registry and money-order clerk (*same acts*)	1, 830. 00		
Thirty-four messengers (including one to superintend transportation of mails), at $1,520 each (*same acts*)	51, 680. 00		
For the employment of substitute messengers and extra services of regular employees at the rate of not to exceed $125 per month each (*same acts*)	1, 000. 00		
Laborer (*same acts*)	1, 010. 00		
Total	$62, 290. 00		
For the purchase, exchange, maintenance, and repair of motor vehicles for carrying the mails (*same acts*)	3, 400. 00		
Official reporters of debates:			
Six official reporters of the proceedings and debates of the House, at $6,000 each (*same acts*)	36, 000. 00		
Assistant (*same acts*)	3, 000. 00		
Clerk (*same acts*)	2, 750. 00		
Six expert transcribers, at $1,520 each (*same acts*)	9, 120. 00		
Janitor (*same acts*)	1, 220. 00		
Total	$52, 090. 00		
Committee stenographers:			
Four stenographers to committees, at $6,000 each (*same acts*)	24, 000. 00		
Janitor (*same acts*)	1, 220. 00		
Total	$25, 220. 00		
Total salaries of officers and employees		$851, 043. 16	$873, 641. 86
Wherever the words "during the session" occur in the foregoing paragraphs they shall be construed to mean the 121 days from December 1, 1928, to March 31, 1929, inclusive.			

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object		Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Clerk Hire, Members and Delegates, House of Representatives—			
For clerk hire necessarily employed by each Member, Delegate, and Resident Commissioner in the discharge of his official and representative duties (*U. S. C., p. 6, sec. 74; act Feb. 23, 1927, vol. 44, pp. 1150–1155*)		$1, 760, 000. 00	$1, 760, 000. 00
Contingent Expenses, House of Representatives—			
For miscellaneous items, exclusive of salaries and labor, unless specifically ordered by the House of Representatives, and including reimbursement to the official stenographers to committees for the amounts actually and necessarily paid out by them for transcribing hearings (*U. S. C., p. 6, secs. 95–96; act Feb. 23, 1927, vol. 44, p. 1154*)	$75, 000. 00		
For stenographic reports of hearings of committees other than special and select committees (*same acts*)	15, 000. 00		
For expenses of special and select committees authorized by the House (*same acts*)	40, 000. 00		
For telegraph and telephone service, exclusive of personal services (*same acts*)	60, 000. 00		
For materials for folding (*same acts*)	5, 000. 00		
For furniture and materials for repairs of the same, including not to exceed $13,000 for labor, tools, and machinery for furniture repair shops and including not to exceed $10,000 for material and labor to reconstruct office cabinets and to convert roll-top desks into flat-top desks (*same acts*)	38, 000. 00		
For stationery for Representatives, Delegates, and Resident Commissioners, including $5,000 for stationery for the use of the committees and officers of the House (*same acts*)	60, 000. 00		
For postage stamps:			
Postmaster (*same acts*)	250. 00		
Clerk (*same acts*)	450. 00		
Sergeant at Arms (*same acts*)	300. 00		
Doorkeeper (*same acts*)	150. 00		
Total	$1, 150. 00		
For driving, maintenance, repair, and operation of an automobile for the Speaker (*same acts*)	3, 000. 00		
For packing boxes (*same acts*)	4, 500. 00		
For folding speeches and pamphlets, at a rate not exceeding $1 per thousand (*same acts*)	12, 000. 00		
Total		313, 650. 00	309, 650. 00
Clerical Assistance—			
For assistance rendered during the calendar years 1927 and 1928, in compiling lists of reports to be made to Congress by public officials; compiling copy and revising proofs for the House portion of the Official Register; preparing and indexing the statistical reports of the Clerk of the House; compiling the telephone and Members' directories; preparing and indexing the daily Calendars of Business; preparing the official statement of Members' voting records; preparing list of congressional nominees, and statistical summary of elections; preparing and indexing questions of order printed in the appendix to the Journal pursuant to House Rule III; and for recording and filing statements of political committees and candidates for election to the House of Representatives pursuant to the Federal corrupt practices act, 1925 (*same acts*)		5, 000. 00	5, 000. 00
To pay William Tyler Page, Clerk of the House of Representatives, for services in compiling, arranging for the printer, reading proof, indexing testimony, stenography and typewriting, supervision of the work, and expenses incurred in the contested-election cases of the Seventieth Congress, as authorized by the act entitled "An act relating to contested elections," approved March 2, 1887, $2,483.68, and an additional sum to such persons as were actually engaged in the work, designated by him, and in such proportions as he may deem just for the assistance rendered in the work, $1,516.32; in all		4, 000. 00	
Total, House of Representatives		7, 516, 193. 16	7, 530, 791. 86

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object		Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
LEGISLATIVE MISCELLANEOUS			
Salaries, Capitol Police—			
Captain, $2,150; three lieutenants, at $1,520 each; two special officers, at $1,520 each; three sergeants, at $1,410 each; forty-four privates, at $1,360 each, one-half of said privates to be selected by the Sergeant at Arms of the Senate and one-half by the Sergeant at Arms of the House; in all (*U. S. C., p. 1301, secs. 206–215; act Feb. 23, 1927, vol. 44, p. 1154*)		$73, 820. 00	$73, 820. 00
Contingent Fund, Capitol Police—			
For contingent expenses (*act Feb. 23, 1927, vol. 44, p. 1154*)		200. 00	200 00
Uniforms for Capitol Police—			
For purchasing and supplying uniforms and motor cycles to Capitol police (*U. S. C., p. 1301, secs. 210–212; act Feb. 23, 1927, vol. 44, p. 1154*)		3, 750. 00	3, 750. 00
One-half of the foregoing amounts under "Capitol police" shall be disbursed by the Secretary of the Senate and one-half by the Clerk of the House.			
Salaries and Expenses, Joint Committee on Printing—			
For clerk, $4,000; inspector, under section 20 of the act approved January 12, 1895, $2,490; assistant clerk and stenographer, $2,100; for expenses of compiling, preparing, and indexing the Congressional Directory, $1,600; in all, $10,190, one-half to be disbursed by the Secretary of the Senate and the other half to be disbursed by the Clerk of the House (*U. S. C., p. 1415, sec. 1; acts May 24, 1924, vol. 43, p. 149; Feb. 23, 1927, vol. 44, p. 1155*)		10, 190. 00	10, 190. 00
Office of Legislative Counsel—			
For salaries and expenses of maintenance of the office of Legislative Counsel, as authorized by section 1303 of the revenue act of 1918 as amended by section 1101 of the revenue act of 1924, $75,000, of which $37,500 shall be disbursed by the Secretary of the Senate and $37,500 by the Clerk of the House of Representatives (*U. S. C., p. 17, secs. 271–277; act Feb. 23, 1927, vol. 44, p. 1155*)		75, 000. 00	75, 000. 00
Statement of Appropriations—			
For preparation, under the direction of the Committee on Appropriations of the Senate and House of Representatives of the statements for the first session of the Seventieth Congress, showing appropriations made, indefinite appropriations, and contracts authorized, together with a chronological history of the regular appropriation bills, as required by law, $4,000, to be paid to the persons designated by the chairmen of said committees to do the work: *Provided*, That in lieu of the data relating to offices created and omitted and salaries increased and reduced, the statement shall hereafter contain such additional information concerning estimates and appropriations as the committees may deem necessary (*U. S. C., p. 9, sec. 105; act Feb. 23, 1927, vol. 44, p. 1155*)		4, 000. 00	4, 000. 00
Total, Legislative Miscellaneous		166, 960. 00	166, 960. 00
OFFICE OF ARCHITECT OF THE CAPITOL			
Salaries, Office of Architect of the Capitol—			
Salaries: Architect of the Capitol, $6,000; chief clerk, $3,150; civil engineer, $2,770; two clerks, at $1,840 each; compensation to disbursing clerk, $1,000; laborers—one at $1,104, two at $1,010 each, two at $950 each; forewoman of charwomen, $760; twenty-one charwomen, at $412.80 each; in all (*U. S. C., p. 1298, sec. 163; act Feb. 23, 1927, vol. 44, p. 1155*)		31, 052. 80	31, 052. 80
Elevator Conductors—			
For forty-eight elevator conductors, including fourteen for the Senate Office Building and fourteen for the House Office Building, at $1,520 each (*U. S. C., p. 1298, sec. 163; act Feb. 23, 1927, vol. 44, p. 1155*)		72, 960. 00	72, 960. 00
Capitol Buildings and Repairs—			
Capitol buildings: For necessary expenditures for the Capitol Building under the jurisdiction of the Architect of the Capitol, including minor improvements, maintenance, repair, equipment, supplies, material, and appurtenances; personal and other services; cleaning and repairing works of art; purchase or exchange, maintenance, and driving of motor-propelled passenger-carrying office vehicles; and not exceeding $200 for the purchase of technical and necessary reference books and city directory; [$100,735.80] *$77,535.80* [of which $23,200 shall be immediately available] (*U. S. C., p. 1298, sec. 166; act Feb. 23, 1927, vol. 44, p. 1155*)	$77, 535. 80		
One new elevator in the Senate wing of the Capitol (submitted)	6, 000. 00		
		83, 535. 80	100, 735 80

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), dates of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Capitol Buildings and Repairs—Continued.

	Rate	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Salaries:				
Bookkeeper and accountant		*Number*	*Number*	*Number*
per annum	$2,600.00	1	1	1
Superintendent of construction				
per annum	2,400.00	1	1	1
Storekeeper do	1,827.00	1	1	1
Decorator and foreman do	2,520.00	1	1	1
Carpenter (foreman) do	2,202.00	1	1	1
Carpenter do	2,066.40	1	1	1
Painter do	1,896.00	1	1	1
Metal worker do	2,400.00	1	1	1
Laborer do	1,200.00	1	1	1
Laborer (4 at $992.64 each) do	3,970.56	4	3	3
Laborer (2 at $1,200 each) do	2,400.00	2	2	2
Laborer do	1,260.00	1	1	1
Laborer do	1,680.00	1	1	
Laborer do	1,304.00	1	1	2
Laborer do	991.68		1	1
Laborer do	1,270.00	1	1	1
Laborer do	1,566.60	1	1	1
Laborer do	403.20	1	1	1
		21	21	21
Wages:				
Carpenter per day	10.00			
Painter do	9.50			
Plumber do	11.00			
Plasterer do	13.00			
Bricklayer do	13.00			
Stone setter do	13.00			
Salaries		$32,965.76	$32,285.80	$39,919.55
Wages		4,320.04	5,000.00	16,513.21
01 Total personal services		37,285.80	37,285.80	56,432.76
Supplies and material:				
0200 Stationery and books		200.00	200.00	95.13
0280 Sundry supplies		18,500.00	15,800.00	9,767.12
02 Total supplies and materials		18,700.00	16,000.00	9,862.25
12 Repairs and alterations		20,750.00	43,950.00	12,846.47
13 Special and miscellaneous current expenses			1,500.00	603.35
30 Passenger-carrying vehicles		800.00	2,000.00	355.67
32 Structures (new elevator)		6,000.00		
Obligated				1,639.50
Total		83,535.80	100,735.80	81,740.00

All appropriations [herein] made under the control of the Architect of the Capitol shall be available for expenses of travel on official business not to exceed in the aggregate under all funds the sum of $1,000.

Improving the Capitol Grounds—

Capitol Grounds: For care and improvement of grounds surrounding the Capitol, Senate and House Office Buildings; personal and other services; care of trees; plantings; fertilizers; repairs to pavements, walks, and roadways; purchase of waterproof wearing apparel; and for snow removal by hire of men and equipment or under contract without compliance with sections 3709 and 3744 of the Revised Statutes of the United States (*U. S. C., p. 1298, sec. 173; act Feb. 23, 1927, vol. 44, p. 1155*) $74,792.20 $74,792.20

	Rate	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Salaries and wages:		*Number*	*Number*	*Number*
Landscape gardener	$3,600.00	1	1	1
Clerk	2,500.00	1	1	1
Assistant landscape gardener	2,100.00	1	2	2
Tree expert	1,411.92	1	1	1
2 mechanicians, at $1,500 each	3,000.00	2	2	2
1 mechanician-chauffeur	1,500.00	1	1	1
1 mechanician	1,260.00	1	1	1
1 gardener	1,523.90	1		
9 laborers, at $1,260 each	11,340.00	9	9	9
11 laborers, at $1,140 each	12,540.00	11	11	12
3 laborers, at $1,020 each	3,060.00	3	3	3
1 laborer	1,155.00		1	1
1 laborer	950.40		1	1
1 laborer	831.00		1	1
Laborers, at $3.50 per day				
		32	35	36
Estimated salaries and wages		$43,835.82	$43,835.82	$45,143.63
Temporary labor		2,038.28	2,038.28	
01 Total personal services		45,874.10	45,874.10	45,143.63
02 Sundry supplies		6,368.10	6,368.10	5,158.41
12 Repairs and alterations		13,550.00	13,550.00	20,982.14
13 Special and miscellaneous current expenses (snow removal)		5,000.00	5,000.00	1,007.95
30 Equipment		4,000.00	4,000.00	1,896.84
Obligated				729.03
Total		74,792.20	74,792.20	74,918.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Extension of the Capitol Grounds—		
[Extension of the Capitol Grounds: To enable the Architect of the Capitol to remove or provide for the removal of all buildings (except those occupied by Government activities) or other structures upon the land acquired for the enlargement of the Capitol Grounds, including grading and other expenses incident to such removal; and for the preparation of plans for the development of such land as a permanent extension of the Capitol Grounds, including architectural and other personal services and traveling expenses connected therewith, to be immediately available] (*act Feb. 23, 1927, vol. 44, p. 1156*)		$20,000.00
32 Structures, etc.: Expenditures—1928, $15,687.97; 1927, $4,312.03.		
Senate and House Garages and Maltby Building—		
For repairs and improvements to Senate and House garages and Maltby Building, including personal services (*U. S. C., p. 1299, sec. 174; act Feb. 23, 1927, vol. 44, p. 1156*)	$1,500.00	1,500.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
01	Miscellaneous and temporary labor at current rates	$700.00	$700.00	$826.50
02	Sundry supplies	200.00	200.00	295.77
12	Repairs	500.00	500.00	223.07
13	Special and miscellaneous current expenses	50.00	50.00	
30	Equipment	50.00	50.00	
	Reserved for unsettled obligations	-- --		154.66
	Total	1,500.00	1,500.00	1,500.00

Maintenance, Senate Office Building—		
Senate Office Building: For maintenance, miscellaneous items, and supplies, including furniture, furnishings, and equipment, and for labor and material incident thereto and repairs thereof; and for personal and other services for the care and operation of the Senate Office Building, under the direction and supervision of the Senate Committee on Rules (*act Feb. 23, 1927, vol. 44, p. 1156*)	89,854.00	87,854.00
Maintenance, House Office Building—		
House Office Building: For maintenance, including miscellaneous items, and for all necessary services (*U. S. C., p. 1299, sec. 175; act Feb. 23, 1927, vol. 44, p. 1156*)	101,078.20	107,610.20
Capitol Power Plant—		
Capitol power plant: For lighting, heating, and power for the Capitol, Senate and House Office Buildings, Congressional Library Building, and the grounds about the same, Coast and Geodetic Survey, the Union Station group of temporary housing, Botanic Garden, Senate garage, House garage, Maltby Building, folding and storage rooms of the Senate, Government Printing Office, and Washington City post office; pay of superintendent of meters, at the rate of $1,940 per annum and $300 additional for the maintenance of an automobile for his use, who shall inspect all gas and electric meters of the Government in the District of Columbia without additional compensation; personal and other services; [structures for coal and ash storage;] fuel, oil, materials, labor, advertising, and purchase of waterproof wearing apparel, in connection with the maintenance and operation of the heating, lighting, and power plant and substations connected therewith (*U. S. C., p. 1299, sec. 185; act Feb. 23, 1927, vol. 44, p. 1156*)	395,680.00	384,906.00
[For the purchase and installation of one new five thousand-kilowatt turbine and generator, repairs to motor generators in substations, repairs to turbine numbered 2, and for incidental expenses connected with such installations, repairs, and alterations, $210,000, to be immediately available] (*act Feb. 23, 1927, vol. 44, p. 1156*)		210,000.00
32 Structures, etc.: Expenditures, 1929, $17,955; 1928, $191,955.70; 1927, $49.30.		
The [foregoing] appropriations under the Architect of the Capitol may be expended without reference to section 4 of the act approved June 17, 1910, concerning purchases for executive departments.		
The Department of the Interior, the Public Health Service, the Coast and Geodetic Survey, the Union Station group of temporary housing, the Government Printing Office, and the Washington City post office shall reimburse the Capitol power plant for heat, light, and power furnished during the fiscal year [1928] *1929*, and the amounts so reimbursed shall be credited to the appropriation for such plant and be available for the purposes named therein.		
NOTE.—Detailed statements of proposed expenditures for the Senate Office Building to be submitted to the Senate Committee on Rules having charge of the building; and detailed statements of proposed expenditures for the House Office Building and Capitol power plant to be submitted to the House Office Building Commission having charge of the appropriations.		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Library Building and Grounds—		
Salaries: Chief engineer, $2,520; chief electrician, $2,520; decorator, $2,000; painter, $1,728; assistant engineer—one $1,860, two at $1,764 each, one $1,728; two machinists at $1,764 each; three assistant electricians at $1,800 each; carpenters—one $1,800, one $1,728; plumber, $1,740; skilled laborers—two at $1,320 each, five at $1,260 each; general mechanic, $1,800; two laborers at $1,020 each; in all (*U. S. C., p. 10, sec. 141; act Feb. 23, 1927, vol. 44, p. 1156*)	$42,860.00	$42,860.00
For trees, shrubs, plants, fertilizers, and skilled labor for the grounds of Library of Congress [and for repointing and repairing masonry wall around Library grounds] (*U. S. C., p. 11, sec. 143; act Feb. 23, 1927, vol. 44, p. 1157*)	1,500.00	2,500.00
For necessary expenditures for the Library Building under the jurisdiction of the Architect of the Capitol, including minor improvements, maintenance, repair, equipment, supplies, material, and appurtenances, and personal and other services in connection with the mechanical and structural maintenance of such building (*same acts*)	45,000.00	23,300.00
For furniture, including partitions, screens, shelving, and electrical work pertaining thereto and repairs thereof (*U. S. C., p. 10, sec. 141; act Feb. 23, 1927; vol. 44, p. 1157*)	19,000.00	14,000.00
[For two card catalogue cases of special design and size, for extension of the catalogues of the main reading room and of the catalogue division of the Library, $12,000, to be immediately available] (*act Feb. 23, 1927, vol. 44, p. 1157*)		12,000.00
Buildings, Botanic Garden—		
To provide for the construction on the site designated by act approved January 5, 1927 (Public Numbered 535, Sixty-ninth Congress), of the necessary buildings required for the enlarging and relocating of the United States Botanic Garden in accordance with plans approved by the Joint Committee on the Library. The Architect of the Capitol, subject to the direction and supervision of the Joint Committee on the Library, is authorized within the limit of cost, $877,000, fixed under this appropriation for such buildings to enter into contract or contracts, to purchase material, supplies, equipment, and accessories, in the open market, to employ the necessary personnel, including architectural and other professional services without reference to section 35 of the act approved June 25, 1910, and to incur such other expenditures, including advertising and travel, as may be necessary and incidental to the purposes of this act under which there is hereby appropriated, to remain available until expended, the sum of (*act Jan. 5, 1927, vol. 44, p. 931*)	300,000.00	
32 Structures: Expenditures, 1929, $300,000.		
Total under Architect of the Capitol	1,258,813.00	1,186,071.00
BOTANIC GARDEN		
Salaries, Botanic Garden—		
Salaries: For the director and other personal services in accordance with the classification act of 1923, [$79,417] *$88,077*; all under the direction of the Joint Committee on the Library (*U. S. C., p. 1301, sec. 216; act Feb. 23, 1927, vol. 44, p. 1157*)	88,077.00	79,417.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Salaries:						
Professional service—	*Average*—		*Average*—		*Average*—	
Grade 4, $3,800 to $5,000; average, $4,400—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Scientist (director)	1	$4,800	1	$4,600	1	$4,400
Subprofessional service—						
Grade 8, $2,400 to $3,000; average, $2,700—						
Assistant director of gardens	1	2,800	1	2,700	1	2,600
Grade 5, $1,680 to $2,040; average, $1,860—						
Foreman gardener	1	1,920	1	1,860	1	1,860
Grade 4, $1,500 to $1,860; average, $1,680—						
Head gardener	3	1,660	3	1,640	3	1,640
Grade 3, $1,320 to $1,680; average, $1,500—						
Gardener	5	1,500	5	1,500	5	1,476
Grade 2, $1,140 to $1,500; average, $1,320—						
Assistant gardener	8	1,268	6	1,250	6	1,200
Clerical, administrative and fiscal service—						
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk (chief clerk)	1	2,300	1	2,200	1	2,100
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	1	1,500				
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	1	1,500	1	1,500		
Grade 1, $1,140 to $1,600; average, $1,320—						
Junior typist					1	1,440
Underclerk	3	1,320	3	1,320	3	1,320
Custodial service—						
Grade 7, $1,680 to $2,040; average, $1,860—						
Senior mechanic	2	1,860	2	1,860	2	1,800
Grade 6, $1,500 to $1,860; average, $1,680—						
Mechanic	2	1,650	2	1,590	2	1,530

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries, Botanic Garden—Continued

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Salaries—Continued.						
Custodial service—Continued.	*Average—*		*Average—*		*Average—*	
Grade 5, $1,320 to $1,680; average, $1,500—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Junior mechanic (painter)	1	$1,380	1	$1,320	1	$1,320
Grade 4, $1,140 to $1,500; average, $1,320—						
Assistant foreman of laborers	1	1,320	1	1,260		
Grade 3, $1,020 to $1,260; average, $1,140—						
Minor mechanic	4	1,140	4	1,095	4	1,095
Guard (watchman)	6	1,130	6	1,120	6	1,140
Senior laborer	20	1,137	17	1,133	17	1,101
Grade 2, $900 to $1,140; average, $1,020—						
Junior laborer (charwoman)	1	657	1	657	1	657
Junior laborer	1	1,020	1	960	1	900
Grade 1, $600 to $780; average, $690—						
Junior messenger	2	600	2	600	2	600
Total average number of employees	65		69		58	
01 Total salaries		88,077		79,397		76,576
Unobligated balance						968
Total		88,077		79,397		77,544
The difference between 1929 and 1928 is due to—						
Increase in force	$6,840					
Increase in salaries	1,840					
Total increase	8,680					

Improving Botanic Garden—

Repairs and improvements: For procuring manure, soil, tools, purchasing trees, shrubs, plants, and seeds; materials and miscellaneous supplies, including rubber boots and aprons when required for use by employees in connection with their work; traveling expenses and per diem in lieu of subsistence of the director and his assistants not to exceed $475; street-car fares not exceeding $25; office equipment and contingent expenses in connection with repairs and improvements to Botanic Garden; exchange, care, and maintenance of motor-propelled vehicles; purchase of botanical books, periodicals, and books of reference, not to exceed $100; general repairs to buildings, greenhouses, heating apparatus, packing sheds, storerooms, and stables; painting, glazing, repairs to footwalks and roadways; repairing and putting comfort stations in sanitary condition; repairs and improvements to director's residence; all under the direction of the Joint Committee on the Library (*U. S. C., p. 1301, sec. 217; act Feb. 23, 1927, vol. 44, p. 1157*) $49,800.00 $47,800.00

The sum of $150 may be expended at any one time by the Botanic Garden for the purchase of plants, trees, shrubs, and other nursey stock, without reference to section 3709 of the Revised Statutes of the United States.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Supplies and materials:			
0222 Periodicals and books	$100.00	$100.00	$68.68
0284 Miscellaneous materials and supplies	10,000.00	10,000.00	6,666.90
02 Total supplies and materials	10,100.00	10,100.00	6,735.58
Travel expenses:			
0601 Railway fares	275.00	275.00	142.74
0630 Per diem in lieu of subsistence	100.00	100.00	82.50
0650 Chair-car fare	100.00	100.00	46.18
0610 Local transportation	25.00	25.00	18.00
06 Total travel expenses	500.00	500.00	289.42
07 Transportation of things (mail and delivery service)	7,000.00	7,000.00	6,896.89
12 Repairs and alterations	17,000.00	17,000.00	20,059.89
Equipment:			
3012 Tables, desks, and other depositories	200.00	200.00	59.86
3021 Botanic Garden stock	10,000.00	9,000.00	10,162.74
30 Total equipment	10,200.00	9,200.00	10,222.60
32 Care and maintenance of Poplar Point Nursery	5,000.00	4,000.00	3,071.20
			47,275.58
Unobligated balance			24.42
Total	49,800.00	47,800.00	47,300.00

Total, Botanic Garden 137,877.00 127,217.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
LIBRARY OF CONGRESS		
Salaries, Library of Congress—		
For the Librarian, chief assistant librarian, and other personal services in accordance with the classification act of 1923 (*U. S. C., p. 10, secs. 136, 140, 141; act Feb. 23, 1927, vol. 44, p. 1157*)	$626,425.00	$564,805.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average—		*Average*—		*Average*—	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salaries:						
Professional and scientific service—						
Grade 7, $7,500—						
Librarian of Congress	1	$7,500				
Grade 6, $6,000 to $7,500—						
Librarian of Congress			1	$7,500	1	$7,500
Chief Assistant Librarian	1	6,000				
Grade 5, $5,200 to $6,000; average, $5,600—						
Chief Assistant Librarian			1	5,200	1	5,200
Senior librarian	3	5,466	3	5,333	3	5,200
Grade 4, $3,800 to $5,000; average, $4,400—						
Librarian	8	4,200	8	4,050	8	3,900
Librarian (European representative)	1	3,800	1	3,800	1	3,800
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate librarian	13	3,170	13	3,085	13	3,000
Associate librarian (submitted)	2	3,000				
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant librarian	24	2,670	22	2,604	20	2,525
Assistant librarian (submitted)	11	2,400				
Grade 1, $1,860 to $2,400; average, $2,100—						
Junior librarian	33	2,019	32	1,978	30	1,919
Junior librarian (submitted)	2	1,860				
Subprofessional service—						
Grade 7, $2,100 to $2,700; average, $2,400—						
Principal library assistant	4	2,325	2	2,250	2	2,200
Grade 6, $1,860 to $2,400; average, $2,100—						
Senior library assistant	8	2,045	11	2,016	10	1,960
Grade 5, $1,680 to $2,040; average, $1,860—						
Library assistant	20	1,794	20	1,788	19	1,746
Library assistant (submitted)	1	1,680				
Grade 4, $1,500 to $1,860; average, $1,680—						
Junior library assistant	22	1,620	19	1,614	20	1,560
Grade 3, $1,320 to $1,680; average, $1,500—						
Under library assistant	29	1,436	32	1,423	32	1,376
Grade 2, $1,140 to $1,500; average, $1,320—						
Minor library assistant	67	1,241	66	1,218	53	1,188
Minor library assistant (submitted)	2	1,140				
Grade 1, $900 to $1,260; average, $1,080—						
Library aid	6	930	7	943	3	960
Library aid (submitted)	1	900				
Clerical, administrative, and fiscal service—						
Grade 11, $3,800 to $5,000; average, $4,400—						
Administrative officer	1	4,200	1	4,000	1	3,800
Grade 9, $3,000 to $3,600; average, $3,300—						
Senior administrative assistant	1	3,300	1	3,200	1	3,100
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant	1	2,700	1	2,600	1	2,500
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	1	2,400	1	2,400	1	2,300
Grade 5, $1,860 to $2,400; average, $2,100—						
Senior translator	1	2,000	1	2,060	1	1,920
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	3	1,820	3	1,817	3	1,760
Clerk-stenographer	4	1,920	4	1,820	3	1,800
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	2	1,710	2	1,650	2	1,590
Assistant clerk-stenographer	1	1,500	1	1,620	2	1,560
Assistant clerk-stenographer (submitted)	1	1,500				
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	2	1,560	3	1,455	4	1,410
Junior clerk-stenographer	11	1,451	9	1,440	9	1,387
Junior clerk-typist	4	1,320	4	1,410	4	1,365
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	7	1,303	8	1,215	8	1,208
Underclerk-typist	6	1,260	7	1,217	7	1,183
Underphotographer	2	1,320	2	1,260	2	1,200
Custodial service—						
Grade 4, $1,140 to $1,500; average, $1,320—						
Head messenger	1	1,440	1	1,440	1	1,380
Senior guard	1	1,200	1	1,200	1	1,200
Grade 3, $1,020 to $1,260; average, $1,140—						
Guard	4	1,200	4	1,140	4	1,140
Messenger	25	1,117	26	1,096	26	1,082
Grade 1, $600 to $780; average, $690—						
Junior messenger	2	600	2	600	2	660
Total number of employees	340		320		299	
01 Total salaries		626,425		564,805		518,417
The difference between 1929 and 1928 is due to—						
Reallocation	$4,880					
Increase in force	42,480					
Increase in salaries	14,260					
Total	61,620					

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), data of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Salaries, Library of Congress—Continued.		
Copyright Office:		
For the register of copyrights, assistant register, and other personal services in accordance with the classification act of 1923 (*U. S. C., p. 455, sec. 48; p. 10, secs. 136, 140, 141; act Feb. 23, 1927, vol. 44, p. 1157*)	$209,260.00	$175,100.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Salaries:						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate attorney	1	$3,300	1	$3,200	1	$3,100
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant attorney	1	2,800	1	2,700	1	2,600
Subprofessional service—						
Grade 7, $2,100 to $2,700; average, $2,400—						
Principal library assistant	1	2,300	1	2,200	1	2,100
Grade 6, $1,860 to $2,400; average, $2,100—						
Senior library assistant	5	1,956	5	1,908	5	1,872
Grade 5, $1,680 to $2,040; average, $1,860—						
Library assistant	3	1,820	3	1,780	3	1,720
Library assistant (submitted)	1	1,680				
Grade 4, $1,500 to $1,860; average, $1,680—						
Junior library assistant	4	1,605	4	1,560	4	1,515
Junior library assistant (submitted)	1	1,500				
Grade 3, $1,320 to $1,680; average, $1,500—						
Under library assistant	11	1,424	12	1,380	12	1,380
Under library assistant (submitted)	1	1,320				
Clerical, administrative, and fiscal service—						
Grade 12, $5,200 to $6,000; average, $5,600—						
Senior administrative officer	1	5,600	1	5,400	1	5,200
Grade 10, $3,300 to $3,900; average, $3,600—						
Junior administrative officer	1	3,500	1	3,500	1	3,400
Grade 9, $3,000 to $3,600; average, $3,300—						
Senior administrative assistant (submitted)	1	3,000				
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant	3	2,700	3	2,700	3	2,600
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	5	2,340	5	2,300	4	2,250
Principal accounting and auditing assistant	1	2,300	1	2,200	1	2,100
Grade 5, $1,860 to $2,400; average, $2,100—						
Senior clerk	6	2,093	6	2,043	6	1,980
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	6	1,840	5	1,836	3	1,800
Clerk (submitted)	6	1,680				
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	12	1,615	12	1,580	13	1,578
Assistant clerk (submitted)	4	1,500				
Senior stenographer	2	1,740	2	1,680	2	1,680
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	19	1,506	19	1,481	16	1,418
Junior clerk (submitted)	4	1,320				
Junior clerk-typist	2	1,440	2	1,380	2	1,320
Junior stenographer	7	1,380	7	1,348	7	1,320
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	9	1,227	9	1,200	14	1,174
Underclerk (submitted)	1	1,140				
Custodial service—						
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger	2	1,020	2	1,020	2	1,020
Grade 1, $600 to $730; average, $690—						
Junior messenger	1	600	1	600		
Total number of employees	122		103		102	
01 Total salaries		209,260		175,100		165,552
The difference between 1929 and 1928 is due to—						
Reallocation	$360					
Increase in force	30,000					
Increase in salaries	3,800					
Total	34,160					

Legislative Reference Service:

To enable the Librarian of Congress to employ competent persons to gather, classify, and make available, in translations, indexes, digests, compilations, and bulletins, and otherwise, data for or bearing upon legislation, and to render such data serviceable to Congress and committees and Members thereof, including not to exceed $5,700 for employees engaged on piecework and work by the day or hour at rates to be fixed by the Librarian (*U. S. C., p. 10, secs. 136, 140, 141; act Feb. 23, 1927, vol. 44, p. 1157*) — $65,210.00 | $63,650.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries, Library of Congress—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Salaries:						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
Grade 5, $5,200 to $6,000; average, $5,600—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Senior librarian	1	$5,400	1	$5,400	1	$5,200
Grade 4, 3,800 to $5,000; average, $4,400—						
Attorney	1	4,200	1	4,000	1	3,800
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate librarian	2	3,250	2	3,150	2	3,050
Associate attorney	1	3,200	1	3,100	1	3,000
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant attorney	1	2,800	1	2,700	1	2,600
Assistant librarian	3	2,666	3	2,600	3	2,533
Grade 1, $1,860 to $2,400; average, $2,100—						
Junior librarian	1	2,100	1	2,100	1	2,000
Subprofessional service—						
Grade 6, $1,860 to $2,400; average, $2,100—						
Senior library assistant	1	2,100	1	2,100	1	2,000
Grade 4, $1,500 to $1,860; average, $1,680—						
Junior library assistant	4	1,665	4	1,605	3	1,540
Grade 3, $1,320 to $1,680; average, $1,500—						
Under library assistant	6	1,380	7	1,346	7	1,346
Grade 2, $1,140 to $1,500; average, $1,320—						
Minor library assistant			1	1,140	2	1,140
Clerical, administrative, and fiscal service—						
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk-stenographer	1	2,500	1	2,400	1	2,300
Grade 5, $1,860 to $2,400; average, $2,100—						
Senior translator	1	2,200				
Grade 4, $1,680 to $2,040; average, $1,860—						
Photographer	1	1,920	1	1,920	1	1,860
Grade 3, $1,500 to $1,860; average, $1,680—						
Senior stenographer	2	1,680	1	1,800	1	1,620
Grade 2, $1,320 to $1,680; average, $1,500—						
Senior typist			1	1,500	1	1,500
Total number of employees	26		27		27	
Total salaries		59,590		58,030		57,557
Special, temporary, and miscellaneous service, 5 to 7 employees		5,620		5,620		3,811
01 Total personal services		65,210		63,650		61,368
The difference between 1929 and 1928 is due to—						
Reallocation	$180					
Increase in salaries	1,380					
Total	1,560					

Distribution of card indexes:

For the distribution of card indexes and other publications of the Library, including personal services, freight charges (not exceeding $500), expressage, postage, traveling expenses connected with such distribution, expenses of attendance at meetings when incurred on the written authority and direction of the Librarian, and including not to exceed [$26,000] *$28,000* for employees engaged on piecework and work by the day or hour at rates to be fixed by the Librarian; in all, [118,010] *$131,490* [, of which $3,000 shall be immediately available] (*U. S. C., p. 10, secs. 136, 140, 141, 150; act Feb. 23, 1927, vol. 44, p. 1158*) $131,490.00 $118,010.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Salaries:						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
Grade 4, $3,800 to $5,000; average, $4,400—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Librarian	1	$4,800	1	$4,600	1	$4,400
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate librarian	1	3,000				
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant librarian	5	2,700	6	2,616	5	2,540
Grade 1, $1,860 to $2,400; average, $2,100—						
Junior librarian	3	1,973	3	1,940	3	1,907
Subprofessional service—						
Grade 6, $1,860 to $2,400; average, $2,100—						
Senior library assistant	3	1,860	3	1,860	3	1,907
Grade 5, $1,680 to $2,040; average, $1,860—						
Library assistant	8	1,845	8	1,800	7	1,766
Library assistant (submitted)	2	1,680				
Grade 4, $1,500 to $1,860; average, $1,680—						
Junior library assistant	3	1,660	3	1,600	3	1,540
Junior library assistant (submitted)	2	1,500				
Grade 3, $1,320 to $1,680; average, $1,500—						
Under library assistant		1,530	2	1,530	3	1,380
Under library assistant (submitted)	2	1,320				
Grade 2, $1,140 to $1,500; average, $1,320—						
Minor library assistant	2	1,320	2	1,290	2	1,170

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries, Library of Congress—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Salaries—Continued						
Clerical, administrative, and fiscal service—	*Average—*		*Average—*		*Average—*	
Grade 6, $2,100 to $2,700; average, $2,400—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Principal clerk	1	$2,300	1	$2,200	1	$2,100
Grade 4, $1,680 to $2,040; average, $1,860—						
Accounting and auditing assistant	2	1,860	2	1,860	2	1,830
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	1	1,620	1	1,560	1	1,500
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	1	1,560	1	1,560	1	1,500
Junior clerk-typist	1	1,320	1	1,320	1	1,380
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	14	1,234	14	1,213	13	1,195
Underclerk-typist					1	1,140
Custodial service—						
Grade 3, $1,020 to $1,200; average, $1,140—						
Messenger	7	1,063	7	1,063	7	1,071
Total number of employees	61		55		54	
Total salaries		103,490		92,010		86,430
Special, temporary, and miscellaneous service, including work by the hour		28,000		26,000		15,934
01 Total personal services		131,490		118,010		102,364
The difference between 1929 and 1928 is due to—						
Reallocation	$600					
Increase in force	9,000					
Increase in lump sum	2,000					
Increase in salaries	1,880					
Total	13,480					

Temporary services: For special and temporary service, including extra special services of regular employees, at rates to be fixed by the Librarian (*U. S. C., p. 10, secs. 140, 141; act Feb. 23, 1927, vol. 44, p. 1158*) ..... $3,000.00 | $3,000.00

(1) It is not feasible at this time to estimate the number of persons to be employed and the rate of compensation to each. The number increases and diminishes as the necessity requires.
(2) During the fiscal year ending June 30, 1927, the following number of persons were employed at the rates of compensation indicated below:

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927	
			No.	
Assistant, per annum			32	$1,680–$12
Assistant, per month			3	125–10
Assistant, per week			1	35
Assistant, per diem			1	3.50
Assistant, per hour			3	1.25–0.60
Agreed price for a certain piece of work, $100			1	100
01 Total personal services	$3,000.00	$3,000.00		2,997.40

Sunday opening:
To enable the Library of Congress to be kept open for reference use on Sundays and on holidays within the discretion of the Librarian, including the extra services of employees and the services of additional employees under the Librarian, at rates to be fixed by the Librarian (*U. S. C., p. 10, secs. 140, 141; act Feb. 23, 1927, vol. 44, p. 1158*) ..... 15,000.00 | 13,125.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	No.		*No.*		*No.*	
In charge, per diem	1	[1] $7.00	1	[1] $7.00	1	[1] $7.00
Assistant, do	1	[1] 3.75	1	[1] 3.75	1	[1] 3.75
Assistant, do	2	[1] 2.50	2	[1] 2.50	2	[1] 2.50
Assistant, do	2	[1] 2.00	2	[1] 2.00	2	[1] 2.00
Assistant, from $2 to $10, do	53		45		45	
Total number employees	59		51		51	
01 Total personal services		15,000		13,125		13,081

[1] Serve five-eighths of a day.

NOTE.—The basis of the compensation is the rate paid in the particular position on the regular working roll plus an allowance recognizing the fact that the service is for Sunday and holiday. The above is the maximum number employed at any one time. This number decreases when the need of the service permits.

Total salaries, Library of Congress (exclusive of building) ..... 1,050,385.00 | 937,690.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object		Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Increase of Library of Congress—			
For purchase of books, miscellaneous periodicals and newspapers, and all other material, for the increase of the Library, including payment in advance for subscription books and society publications, and for freight, commissions, and traveling expenses *including expenses of attendance at meetings when incurred on the written authority and direction of the Librarian, as in the interest of the collections*, and all other expenses incidental to the acquisition of books, miscellaneous periodicals and newspapers, and all other material for the increase of the Library, by purchase, gift, bequest, or exchange, to continue available during the fiscal year [1929] *1930*	$105,000.00		
For purchase of books and for periodicals for the law library, under the direction of the Chief Justice	3,000.00		
For purchase of new books of reference for the Supreme Court, to be a part of the Library of Congress, and purchased by the marshal of the Supreme Court under the direction of the Chief Justice	2,500.00		
In all (*U. S. C., p. 10, secs. 131, 135; act Feb. 23, 1927, vol. 44, p. 1158*)		$110,500.00	$110,500.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
3021	Books, periodicals, and newspapers	$108,700.00	$108,700.00	$94,983.49
07	Transportation of things (service)	1,000.00	1,000.00	1,090.99
06	Travel expenses	800.00	800.00	4,425.52
	Total	110,500.00	110,500.00	100,500.00

Printing and Binding, Library of Congress—			
For *miscellaneous* printing and binding for the Library of Congress, including the Copyright Office, and the binding, rebinding, and repairing of library books, and for the Library Building, [$260,000]	$186,000.00		
For the printing of catalogue cards	105,000.00		
For the publication of the Catalogue of Title Entries of the Copyright Office	45,000.00		
In all (*U. S. C., p. 1013, sec. 588; act Feb. 23, 1927, vol. 44, p. 1158*)		336,000.00	305,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Miscellaneous printing and binding for the Library of Congress, including the copyright office, and the binding, rebinding, and repairing of library books, and for the Library Building	$186,000	$260,000	$260,000
Printing of catalogue cards	105,000		
Publication of the Catalogue of Title Entries of the copyright office	45,000	45,000	45,000
08 Total	336,000	305,000	305,000

Contingent Expenses, Library of Congress—			
For miscellaneous and contingent expenses, stationery, supplies, stock, and materials directly purchased, miscellaneous traveling expenses, postage, transportation, incidental expenses connected with the administration of the Library and Copyright Office, including not exceeding $500 for expenses of attendance at meetings when incurred on the written authority and direction of the Librarian (*U. S. C., p. 10, sec. 131; act Feb. 23, 1927, vol. 44, p. 1158*)		10,500.00	10,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Supplies and materials:			
0200	Stationery and office supplies	$5,963.00	$5,974.00	$5,908.54
0204	Photostat supplies	3,400.00	2,900.00	2,967.43
0280	Sundry supplies	45.00	40.00	22.98
02	Total supplies and materials	9,408.00	8,914.00	8,898.95
	Communication service:			
0500	Telegraphic service	35.00	35.00	23.88
0510	Telephone service	6.00	5.00	3.00
0520	Other communication service (postage)	365.00	360.00	534.00
0521	Postal Service	16.00	16.00	16.00
05	Total communication service	422.00	416.00	577.38
	Travel expenses:			
0600	Travel expenses	500.00	500.00	363.96
0610	Street-car tokens	165.00	160.00	160.00
06	Total travel expenses	665.00	660.00	523.96
07	Transportation of things (service)	5.00	10.00	3.10
	Total	10,500.00	10,000.00	10,003.39

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Care and Maintenance, Library of Congress—		
Salaries: For the administrative assistant and disbursing officer and other personal services in accordance with the classification act of 1923 (*U. S. C., p. 10, secs. 141, 142; act Feb. 23, 1927, vol. 44, p. 1158*)	$124,562.00	$120,402.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Salaries:						
Clerical, administrative, and fiscal service—						
Grade 10, $3,300 to $3,900; average, $3,600—	*Average—*		*Average—*		*Average—*	
Junior administrative officer (administrative assistant and disbursing officer)	*No.* 1	*Salary* $3,700	*No.* 1	*Salary* $3,700	*No.* 1	*Salary* $3,600
Grade 8, $2,700 to $3,300; average, $3,000—						
Administrative assistant (chief clerk)	1	3,200	1	3,200	1	3,100
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk (1 additional submitted)	2	2,400	1	,300	1	2,200
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	2	1,680	2	1,650	1	1,680
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk					1	1,500
Junior clerk	1	1,500	1	1,500	1	1,440
Junior stenographer					1	1,500
Junior clerk-stenographer	1	1,380	1	1,320	1	1,320
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	1	1,320	1	1,320	1	1,320
Underoperator (telephone)	3	1,280	3	1,240	3	1,233
Subprofessional service—						
Grade 8, $2,400 to $3,000; average, $2,700—						
Chief engineering draftsman	1	2,500	1	2,400		
Custodial service—						
Grade 7, $1,680 to $2,040; average, $1,860—						
Assistant farm steward (chief of laborers)	1	1,860	1	1,830	1	1,740
Grade 6, $1,500 to $1,860; average, $1,680—						
Head guard	1	1,740	1	1,740	1	1,740
Grade 4, $1,140 to $1,500; average, $1,320—						
Senior guard	2	1,350	2	1,350	2	1,350
Assistant foreman of laborers	1	1,260	1	1,260	1	1,200
Grade 3, $1,020 to $1,260; average, $1,140—						
Guard	26	1,172	26	1,161	22	1,186
Senior laborer	2	1,170	2	1,140	2	1,080
Under domestic attendant	1	1,200	1	1,140	1	1,080
Minor mechanic (chauffeur)	2	1,200	2	1,200	2	1,140
Grade 2, $900 to $1,140; average, $1,020—						
Junior laborer	18	1,010	18	977	14	956
Subordinate mechanic (elevator operators, 6; book cleaners, 3)	9	1,025	9	990	7	980
Minor domestic attendant	2	1,050	2	1,020	2	960
Junior laborer (head charwoman, 45 cents per hour)	2	690	2	695	2	689
Junior laborer (charwoman, 40 cents per hour)	58	370	58	372	58	367
Grade 1, $600 to $780; average, $690—						
Junior messenger (parcel checker)	4	660	4	650	4	636
Total average number of employees	142		141		131	
01 Total salaries		124,562.00		120,402.00		106,777.36
The difference between 1929 and 1928 is due to—						
Reallocation	$260					
Increase in force (1)	2,400					
Increase in salaries	1,500					
Total increase	4,160					

Sunday Opening, Building for Library of Congress—

For extra services of employees and additional employees under the Librarian to provide for the opening of the Library Building on Sundays and on legal holidays, at rates to be fixed by the Librarian (*U. S. C., p. 10, sec. 141; act Feb. 23, 1927, vol. 44, p. 1159*) — $4,120.00 — $3,740.00

NOTE.—Increase of $380 submitted to provide for opening on two additional days and for services of one additional guard.

Personal services (1927, 57 days; 1928, 57 days; 1929, 59 days)		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Salaries:	*Rate*	*Number*	*Number*	*Number*
Telephone operator	$3.96	1	1	1
Captain or lieutenant of guard	5.84–4.59	1	1	1
Guard	4.16	5	4	4
Attendant	3.34	1	1	1
Check boy	2.19	2	2	2
Head charwoman	2.25	1	1	1
Charwoman	1.50	12	12	12
Miscellaneous temporary labor		1	1	1
Wages:				
Elevator conductor	3.34	2	2	1
Skilled laborer and laborer	3.54–3.13	2	2	2
Miscellaneous temporary labor		1	1	1
Total number of employees		29	28	27
Salaries		$3,405.00	$3,050.00	$3,064.87
Wages		715.00	690.00	480.84
01 Total salaries and wages		4,120.00	3,740.00	3,545.71

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

Geueral object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each bead of appropriation	Amount appropriated for tbe fiscal year ending June 30, 1928
Temporary Services, Library Building— For special and temporary services in connection with the custody, care, and maintenance of the Library Building, including extra special services of regular employees at the discretion of the Librarian, at rates to be fixed by the Librarian (*U. S. C., p. 10, sec. 141; act Feb. 23, 1927, vol. 44, p. 1159*)	$500.00	$500.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927	
				No.	*Salary*
	Salaries:				
	Additional attendant			1	$97.50
	Wages:				
	Additional laborers			2	217.50
	Other persoual services	$500	$500		
	Total number of employees			3	
01	Total salaries and wages	500	500		315

	Custody and Maintenance, Library Building— For mail, delivery, and telephone services, *rubber boots and rubber coats for workmen*, stationery, miscellaneous supplies, and all other incidental expenses in connection with the custody and maintenance of the Library Building (*U. S. C., p. 10, sec. 141; act Feb. 23, 1927, vol. 44, p. 1159*)	7,000.00	7,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Supplies and materials:			
0200	Stationery and office supplies	$250.00	$250.00	$267.19
0205	Cleaning and toilet supplies	2,100.00	2,100.00	1,892.81
0230	Fuel	400.00	400.00	400.45
0280	Sundry supplies	300.00	300.00	280.27
02	Total supplies and materials	3,050.00	3,050.00	2,840.72
	Communication service:			
0510	General telephone service	1,800.00	1,800.00	1,779.25
0520	Postage	70.00	70.00	57.00
05	Total communication service	1,870.00	1,870.00	1,836.25
06	Travel expenses (street-car fares)	25.00	25.00	20.00
07	Transportation of things (service)	25.00	25.00	4.00
12	Repairs and alterations	1,500.00	1,500.00	1,537.78
13	Special current expenses	100.00	100.00	107.90
	Equipment:			
3015	Kitchen utensils, etc	100.00	100.00	97.08
3051	Other equipment (lighting, electrical, etc.)	50.00	50.00	52.42
3053	Motor vehicles	280.00	280.00	
30	Total equipment	430.00	430.00	149.50
	Total	7,000.00	7,000.00	6,496.15

Expenses, Library of Congress Trust Fund Board— For any expense of the Library of Congress Trust Fund Board not properly chargeable to the income of any trust fund held by the board (*U. S. C., p. 11, sec. 155; act Feb. 23, 1927, vol. 44, p. 1159*)	500.00	500.00

13 Special and miscellaneous current expenses: Expenditures—1929, $500; 1928, $500; 1927, $229.63.

Permanent Specific Appropriation— Bequest of Gertrude M. Hubbard, Library of Congress: Interest account—Trust fund of $20,000, the interest on which, at 4 per cent per annum, is to be used for the purchase of engravings and etchings to be added to the "Gardiner Greene Hubbard Collection" (*act Aug. 20, 1912, vol. 37, p. 319, sec. 1*)	800.00	800.00

3020 Bequest of Gertrude M. Hubbard, Library of Congress, interest account: Expenditures—1929, $800; 1928, $800.

Total, exclusive of trust funds and gifts	1,644,867.00	1,496,132.00
Indefinite Items—Trust Funds and Gifts— Amount estimated to be received and expended from these sources (*U. S. C., p. 12, sec. 160*)	160,000.00	

22 Trust funds and gifts: Expenditures—1929, $160,000; 1928, $120,500.

Total, Library of Congress, including trust funds and gifts	1,804,867.00	1,496,132.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
GOVERNMENT PRINTING OFFICE		
Public Printing and Binding, Government Printing Office—		
To provide the Public Printer with a working capital for the following purposes for the execution of printing, binding, lithographing, mapping, engraving, and other authorized work of the Government Printing Office for the various branches of the Government: For salaries of Public Printer, [$7,500] *$10,000*, and Deputy Public Printer, [$5,000] *$7,000*; for salaries [office of the Public Printer, in accordance with the classification act of 1923, not to exceed $143,953, and for the purpose of conforming to section 3 of this act, this sum shall be considered a separate unit; for salaries], compensation, or wages of all necessary officers and employees additional to those herein appropriated for, including employees necessary to handle waste paper and condemned material for sale; to enable the Public Printer to comply with the provisions of law granting holidays and Executive orders granting holidays and half holidays with pay to employees; to enable the Public Printer to comply with the provisions of law granting thirty days' annual leave to employees with pay; rents, fuel, gas, heat, electric current, gas and electric fixtures; bicycles, motor-propelled vehicles for the carriage of printing and printing supplies, and the maintenance, repair, and operation of the same, to be used only for official purposes, including purchase, exchange, operation, repair, and maintenance of motor-propelled passenger-carrying vehicles for official use of the officers of the Government Printing Office when in writing ordered by the Public Printer (not exceeding $4,000); freight, expressage, telegraph and telephone service; furniture, typewriters, and carpets; traveling expenses; stationery, postage, and advertising; directories, technical books, *newspapers, magazines*, and books of reference (not exceeding $500) subscriptions for which may be paid in advance; adding and numbering machines, time stamps, and other machines of similar character; machinery (not exceeding $200,000); equipment, and for repairs to machinery, implements, and buildings, and for minor alterations to buildings; necessary equipment, maintenance, and supplies for the emergency room for the use of all employees in the Government Printing Office who may be taken suddenly ill or receive injury while on duty; other necessary contingent and miscellaneous items authorized by the Public Printer: *Provided*, That inks, glues, and other supplies manufactured by the Government Printing Office in connection with its work may be furnished to departments and other establishments of the Government upon requisition, and payment made from appropriations available therefor; for expenses authorized in writing by the Joint Committee on Printing for the inspection of printing and binding equipment, material, and supplies and Government printing plants in the District of Columbia or elsewhere (not exceeding $1,000); for salaries and expenses of preparing the semimonthly and session indexes of the Congressional Record under the direction of the Joint Committee on Printing (chief indexer at $3,150, one cataloguer at $2,880, and two cataloguers at $2,150 each); and for all the necessary labor, paper, materials, and equipment needed in the prosecution and delivery and mailing of the work; in all, $2,500,000, to which shall be charged the printing and binding authorized to be done for Congress, the printing and binding for use of the Government Printing Office, and printing and binding (not exceeding $2,000) for official use of the Architect of the Capitol when authorized by the Secretary of the Senate; in all to an amount not exceeding this sum (*U. S. C., p. 1013, sec. 588; act Feb. 23, 1927, vol. 44, pp. 1159–1160*)	$2, 500, 000. 00	$2, 500, 000. 00

NOTE.—Request for increase of $2,500 for Public Printer and $2,000 for Deputy Public Printer is fully justified by comparison with present compensation paid a large number of commissioners and heads of independent establishments, ranging from $10,000 to $12,000 a year. The administration of the Government Printing Office requires specialized knowledge, experience, and executive ability and carries responsibilities fully comparable with any of these positions. Further, there are numerous cases in the commercial field where administrative officers in printing and binding plants are paid from $10,000 to $25,000 a year, some receiving in addition a substantial bonus, and none of these establishments do a variety or volume of business comparable with that required of the Government Printing Office. H. R. 9459, Sixty-ninth Congress, first session, carrying the proposed salaries of $10,000 and $7,000, respectively, was favorably reported by the Committee on Printing of the House of Representatives.

It is recommended that the present plan of allotting a certain portion of the working capital for "Salaries, office of the Public Printer, in accordance with the classification act of 1923," be discontinued for the following reasons: The Kiess Act to regulate and fix rates of pay for employees and officers of the Government Printing Office, approved June 7, 1924 (Stat. L. p. 658), after passing in the House, was amended in the Senate to clearly and definitely state that the salaries and wages of *all* officers and employees in the Government Printing Office were to be governed thereby, and the language of the act beyond question included the salaries of employees who happened to be classed under "Office of the Public Printer"; the Comptroller General, however, has held that inasmuch as the law refers to the classification act, that act, and not the Kiess Act, must apply. The salaries paid under the "Office of the Public Printer" are a definite and inseparable part of printing and binding costs and are covered in the charges made to departments. The work performed by the employees concerned is closely connected and comparable in every way with the work of a much larger number of employees who are paid out of the same appropriation. There seems no longer to be any good reason why one appropriation covering one definite object—i. e., "to provide the Public Printer with a working capital"—should be divided in such a way as to require the Kiess Act to apply to 97½ per cent of the personnal and the classification act to 2½ per cent. This condition should be corrected as recommended.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Public Printing and Binding, Government Printing Office—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average—		*Average—*		*Average—*	
Salaries:	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Public Printer			1	$7,500	1	$7,500
Deputy Public Printer			1	5,000	1	5,000
Total			2	12,500	2	12,500
Clerical, administrative, and fiscal service—						
Grade 11, $3,800 to $5,000; average, $4,400—						
Administrative officer			1	4,400	1	4,400
Grade 10, $3,300 to $3,900; average, $3,600—						
Junior administrative officer			1	3,600	1	3,600
Grade 9, $3,000 to $3,600; average, $3,300—						
Senior administrative assistant			3	3,300	2.6	3,300
Grade 8, $2,700 to $3,300; average, $3,000—						
Administrative assistant			1	3,100	1.3	3,046
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant			1	2,700	0.9	2,700
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk			3	2,400	2.6	2,429
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk			4	2,111	2.3	2,189
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk			2	1,890	3.4	1,903
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk			6	1,800	6	1,800
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk			9	1,500	8.6	1,466
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk			4	1,320	3.6	1,314
Custodial service—						
Grade 6, $1,500 to $1,860; average, $1,680—						
Head guard			1	1,680	1	1,680
Grade 5, $1,320 to $1,680; average, $1,500—						
Principal guard			4	1,500	4	1,500
Grade 4, $1,140 to $1,500; average, $1,320—						
Head messenger			3	1,380	3	1,380
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger			1	1,140	1	1,140
Guard			47	1,140	43.5	1,135
Grade 2, $900 to $1,140; average, $1,020—						
Assistant messenger			1	1,020	1	900
Grade 1, $600 to $780; average, $690—						
Junior messenger			5	690	3.8	640
Total average number of employees			97		90.4	
Total salaries of employees				143,714		134,788
Total, including salaries of Public Printer and Deputy Public Printer				156,214		147,288

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Salaries:	*Per annum*	*Number*	*Number*	*Number*
Public Printer	$10,000	1		
Deputy Public Printer	7,000	1		
Purchasing agent	4,400	1		
Chief clerk	3,600	1		
Disbursing clerk, Congressional Record clerk, assistant to the Public Printer	3,300	3		
Assistant purchasing agent	3,100	1		
Assistant chief clerk	2,700	1		
Deputy disbursing clerk	2,700	1		
Clerk	2,150	2		
Clerk	2,111	4		
Clerk	1,890	2		
Clerk	1,800	6		
Clerk	1,500	9		
Clerk	1,320	4		
Captain of guards	1,680	1		
Lieutenant of guards	1,500	4		
Messenger	1,380	3		
Guard	1,140	47		
Messenger	1,140	1		
Messenger	1,020	1		
Junior messenger	690	5		
Production manager	4,500	1	1	1
Superintendents of accounts and Budget officer, superintendent of construction and maintenance, technical director	4,400	3	3	3
Night assistant production manager	4,300	1	1	1
Superintendents of planning, printing, plate-making, presswork, and binding; storekeeper and traffic manager, medical and sanitary officer	3,900	7	7	7
Assistant superintendent of presswork (night), foremen (night)	3,600	5	5	5

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Public Printing and Binding, Government Printing Office—Continued.						
Salaries—Continued.	*Per annum*	*Number*	*Number*	*Number*		
Assistant medical officer, foremen, assistant superintendent of platemaking	$3,300	3	3	3		
Assistant foremen (night), referee (night), chief copy editor (night), assistant type-machinist in charge (night)	3,250	9	0	9		
Chief carpenter, chief machinist, chief electrician, chief pipefitter, chief engineer, foremen, associate chemist, printing investigator, assistant superintendents of planning, printing, presswork, accounts, and binding; chief type machinist, chief computer, instructor of apprentices	3,200	30	30	30		
Chief indexer, assistant foreman	3,150	2	2	2		
Officeman, chief draftsman, type machinist in charge	3,000	3	3	3		
Assistant foremen, assistant storekeeper, chief of delivery, officeman, cost clerk, clerks in charge, estimators, jacket writers, chief copy editor, referee, type machinsist in charge, assistant instructor of apprentices, assistant chief carpenter, assistant chief machinist, assistant chief electrician	2,900	45	45	44		
Cataloguer	2,880	1	1	1		
Computer	2,850	10	10	9		
Assistant chemical technologist, officemen, head plateman	2,750	4	4	4		
Assistant chemist	2,700	1	1	1		
Power-plant operatives, office man	2,600	10	10	10		
Draftsman	2,500	1	1	1		
Assistant chemist, clerk, foreman	2,400	4	4	4		
Clerk, office man, assistant chief of delivery	2,300	3	3	3		
Clerks, office men, assistant foreman	2,200	10	10	10		
Cataloguer	2,150	2	2	2		
Clerk	2,140	1	1	1		
Assistant chemist, clerk, plate man	2,100	4	4	4		
Clerk	2,080	9	9	9		
Office helper, office man	2,000	2	2	2		
Office helper, clerk, trained nurse	1,780–1,980	61	61	61		
Office helper, clerk, fire marshal, chemist aid	1,480–1,680	31	31	31		
Hospital helper, office helper, clerk, messenger, skilled and unskilled laborer, helper, delivery man	1,140–1,440	14	14	14		
Office helper	900–1,000	3	3	3		
Junior messenger	600–750	14	14	14		
Wages:	*Per hour*					
Photo-engraver	$1.20	18	18	18		
Ink maker in charge, head compositor in charge, assistant head compositor in charge, imposer in charge, pressman in charge, electrotype finisher in charge, head pressman in charge, roller maker, ink maker in charge, foreign reader, Linotype operator, Monotype keyboard operator	1.15	145	145	130		
Head compositor in charge, head pressman in charge of plates, Linotype operator, Monotype keyboard operator, imposer, makeup, copy editor, referee, head compositor, Ludlow operator, press reviser, proof reader, type machinist, stereotyper, electrotype molder, electrotype finisher, head pressman, cylinder pressman, carpenter, painter, machinist, saw filer, electrician, pipe fitter, sheet-metal worker and pipe fitter, sheet-metal worker, group chief, desk man	1.10	876	870	891		
Compositor, Linotype operator, Monotype keyboard operator, metal mixer in charge, print mounter, marbler, bookbinder machine operator, bindery operative group chief, desk man	1.05	409	409	409		
Compositor, platen pressmen, bookbinder, bindery operative, stock keeper, blacksmith	1.00	167	167	169		
Knife grinder, stores helper	.95	3	3	3		
Stock keeper	.90	2	2	2		
Printing operative, type machinists' helper, plate helper, stock keeper, pipe fitters' helper, electricians' helper	.85	44	44	44		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Public Printing and Binding, Government Printing Office—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Wages—Continued.	*Per hour*	*Number*	*Number*	*Number*
Printing operative, press desk helper, bindery desk helper, construction and maintenance helper, stock keeper, weighmaster, stores desk helper	$0.80	11	11	11
Printing operative, printing desk helper, type-machine helper, ink room operative, press desk helper, bindery operative, bindery desk helper, construction and maintenance helper, electricians' helper, pipe fitters' helper, stores desk helper, stock keeper, delivery desk helper, office helper	.75	49	49	49
Printing operative, printing desk helper, type machinists' helper, Monotype caster man, platemaking helper, press desk helper, presswork operative, cylinder-press feeder, hander, bindery operative, delivery desk helper, stores desk helper, stores helper, stock keeper, construction and maintenance helper, electricians' helper, office helper	.70	217	217	217
Printing operatives, printing desk helper, platemaking operatives, platemaking desk helper, platen pressfeeders, presswork operatives, ink room operatives, roller and glue operative, bindery operatives, bindery desk helpers, construction and maintenance desk helper, general mechanic, stores helpers, delivery desk helper, messengers, chauffeur repairmen	.65	148	148	148
Printing operatives, platemaking operatives, platemaking helpers, presswork operatives, bindery operatives, bindery desk helpers, electricians' helpers, pipefitters' helpers, elevator conductors, stores helpers, chauffeur repairmen, messenger, laborers	.60	494	494	494
Bindery operatives, elevator conductors, deliverymen, laundry machine operators, laborers	.55	608	608	608
Cleaners	.50	19	19	19
Apprentices	.33–.80	200	200	190
Messenger boys	.30	17	17	17
		3,820	3,820	3,803.4
Salaries, wages, and pay for leaves of absence and holidays		$7,900,000.00	$7,900,000.00	$7,814,192.35
Estimated extra pay for night work		160,000.00	200,000.00	160,000.00
Total		8,060,000.00	8,100,000.00	7,974,192.35
Deduct expenditures for personal services included in objects named below		257,000.00	280,000.00	279,528.08
01 Total personal services		7,803,000.00	7,820,000.00	7,694,664.27
Supplies and materials:				
0200 Stationery and office supplies		10,000.00	10,000.00	9,546.99
0201 Printed forms and letterheads		48,000.00	48,000.00	45,254.78
0210 Medical and hospital supplies		200.00	200.00	159.44
0220 Scientific and educational supplies		800.00	800.00	830.21
0230 Fuel		6,500.00	6,500.00	6,478.44
0280 Sundry supplies		150,000.00	150,000.00	149,575.64
0290 Materials for producing Government printing and binding and furnishing blank paper		3,200,000.00	3,200,000.00	3,199,695.67
02 Total supplies and materials		3,415,500.00	3,415,500.00	3,411,541.17
Communication service:				
0500 Telegraph service		60.00	60.00	56.57
0510 Telephone service		3,100.00	3,100.00	3,094.95
05 Total communication service		3,160.00	3,160.00	3,151.52
06 Travel expense		3,000.00	3,000.00	5,011.03
07 Transportation of things (service)		800.00	800.00	808.67

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Public Printing and Binding, Government Printing Office—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Printing and binding, etc.:			
0800	Printing and binding for use of Government Printing Office	$9,000.00	$9,000.00	$8,931.11
0810	Lithographing and engraving for departments, bureaus, and Congress	110,000.00	110,000.00	109,401.44
08	Total printing and binding, etc	119,000.00	119,000.00	118,332.55
09	Advertising and publication of notices (service)	500.00	500.00	480.64
10	Furnishing of heat, light, power, water, electricity (service)	135,000.00	135,000.00	130,017.45
12	Repairs and alterations	307,000.00	330,000.00	377,117.18
13	Special and miscellaneous current expense	3,300.00	3,300.00	3,340.04
	Equipment:			
3010	Furniture, furnishings, and fixtures	15,000.00	5,000.00	5,559.06
3020	Educational, scientific, and recreational equipment	1,000.00	1,000.00	2,332.81
3000	Passenger-carrying vehicles	2,000.00		3,455.08
3050	All other equipment	260,000.00	260,000.00	316,520.14
30	Total equipment	278,000.00	266,000.00	327,867.09
			12,116,260.00	12,072,331.61
	Unobligated balance			946,184.90
	Reserve		50,000.00	
		12,068,260.00	12,146,260.00	13,018,516.51
	Less repayments from other appropriations	9,568,260.00	9,646,260.00	10,462,063.51
	Total	2,500,000.00	2,500,000.00	2,556,453.00

Printing and binding for Congress chargeable to the foregoing appropriation, when recommended to be done by the Committee on Printing of either House, shall be so recommended in a report containing an approximate estimate of the cost thereof, together with a statement from the Public Printer of estimated approximate cost of work previously ordered by Congress within the fiscal year for which this appropriation is made.

During the fiscal year [1928] *1929* any executive department or independent establishment of the Government ordering printing and binding from the Government Printing Office shall pay promptly by check to the Public Printer upon his written request, either in advance or upon completion of the work, all or part of the estimated or actual cost thereof, as the case may be, and bills rendered by the Public Printer in accordance herewith shall not be subject to audit or certification in advance of payment: *Provided*, That proper adjustments on the basis of the actual cost of delivered work paid for in advance shall be made monthly or quarterly and as may be agreed upon by the Public Printer and the department or establishment concerned. All sums paid to the Public Printer for work that he is authorized by law to do shall be deposited to the credit, on the books of the Treasury Department, of the appropriation made for the working capital of the Government Printing Office, for the year in which the work is done, and be subject to requisition by the Public Printer.

All amounts in the Budget for the fiscal year [1929] *1930* for printing and binding for any department or establishment, so far as the Bureau of the Budget may deem practicable, shall be incorporated in a single item for printing and binding for such department or establishment and be eliminated as a part of any estimate for any other purpose. And if any amounts for printing and binding are included as a part of any estimates for any other purposes, such amounts shall be set forth in detail in a note immediately following the general estimate for printing and binding: *Provided*, That the foregoing requirements shall not apply to work to be executed at the Bureau of Engraving and Printing.

No part of any money appropriated in this act shall be paid to any person employed in the Government Printing Office while detailed for or performing service in any other executive branch of the public service of the United States unless such detail be authorized by law.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), dates of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
OFFICE OF THE SUPERINTENDENT OF DOCUMENTS		
Salaries, Office of the Superintendent of Documents—		
For the Superintendent of Documents, assistant superintendent, and other personal services in accordance with the classification act of 1923, [$420,000: *Provided*, That employees in the office of the Superintendent of Documents may be paid compensation for night, Sunday, holiday, and overtime work at rates not in excess of the rates of additional compensation for such work allowed to other employees of the Government Printing Office under] *and compensation of employees paid by the hour and who shall be subject to* the provisions of the act entitled "An act to regulate and fix rates of pay for employees and officers of the Government Printing Office," approved June 7, 1924: *Provided further*, That for the purpose of conforming to section 3 of this act, this appropriation shall be considered a separate appropriation unit [.]; *in all (U. S. C., p. 1419, sec. 73; act Feb. 23, 1927, vol. 44, p. 1160)*	$465,000.00	$420,000.00

NOTE.—To relieve present conditions whereby about one hundred laborers now under operation of the classification act can not receive pay comparable to that of other laborers in the Government Printing Office because of grade limitations, although Congress last year appropriated funds for a higher rate, it is recommended that the laborers in the office of the Superintendent of Documents be made subject to provisions of the Kiess Act entitled "An act to regulate and fix the rates of pay for employees and officers of the Government Printing Office," approved June 7, 1924. As amended in the Senate this act clearly applies to "all officers and employees." However, the Comptroller General has decided that inasmuch as the classification act is referred to in the annual appropriation the employees in the office of the Superintendent of Documents are under the operation of the classification act. Employees affected are paid by the hour, have laborer status, and work 8 hours daily.

Volume of business handled by Office of Superintendent of Documents is increasing at least $50,000 each year; no appropriation for additional employees was provided for current fiscal year. Number of orders increased 43,034 during last year and it was not possible to properly handle the work. Increase of $45,000 is recommended solely to provide the additional employees necessary to handle the increased work. Receipts from sales last year totaled $594,840.25, an increase of 54 per cent in four years, while the number of employees increased 14 per cent during the same four years.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Salaries:						
Clerical, administrative, and fiscal service—	*Average*—		*Average*—		*Average*—	
Grade 11, $3,800 to $5,000; average, $4,400—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Administrative officer	1	$4,400	1	$4,400	1	$4,400
Grade 9, $3,000 to $3,600; average, $3,300—						
Senior administrative assistant	1	3,200	1	3,200	1	3,100
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	8	2,350	6	2,400	6	2,300
Grade 5, $1,860 to $2,400; average, $2,100—						
Senior clerk	1	2,200	1	2,200	1	2,200
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	9	1,860	7	1,860	5.4	1,860
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	15	1,664	11	1,674	12.5	1,631
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	55	1,490	49	1,493	48	1,403
Senior typist	6	1,460	6	1,460	5.4	1,384
Junior stenographer	11	1,467	9	1,460	7.8	1,393
Junior operator, office devices	1	1,380	1	1,380	1	1,320
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	6	1,260	4	1,320	3.4	1,281
Junior typist	19	1,241	17	1,232	15.4	1,174
Underclerk-typist	14	1,273	14	1,273	14.1	1,180
Professional and scientific service—						
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate librarian	1	3,200	1	3,200	1	3,100
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant librarian	1	2,600	1	2,600	1	2,500
Subprofessional service—						
Grade 7, $2,100 to $2,700; average, $2,400—						
Principal library assistant	3	2,400	3	2,400	3	2,300
Grade 6, $1,860 to $2,400; average, $2,100—						
Senior library assistant	3	2,000	3	2,000	3	1,920
Grade 5, $1,680 to $2,040; average, $1,860—						
Library assistant	5	1,824	5	1,824	5	1,752
Grade 4, $1,500 to $1,860; average, $1,680—						
Junior library assistant	6	1,600	6	1,600	5.4	1,576
Grade 3, $1,320 to $1,680; average, $1,500—						
Under library assistant	4	1,395	4	1,395	3.6	1,387
Custodial service—						
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger	15	1,140	15	1,140	7.3	1,140
Grade 2, $900 to $1,140; average, $1,020—						
Assistant messenger	25	900	25	900	33.3	902

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries, Office of the Superintendent of Documents—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Salaries—Continued.			
Clerical-mechanical service—	*Average—* *No.* *Salary*	*Average—* *No.* *Salary*	*Average—* *No.* *Salary*
Grade 3, 65 to 70 cents an hour—			
Assistant foreman or assistant forewoman		3 $1,753	3 $1,628
Grade 2, 55 to 60 cents an hour—			
Senior operative		20 1,464	20.8 1,424
Grade 1, 45 to 50 cents an hour—			
Junior operative		70 1,252	56.5 1,252
Supervisors, 65 to 70 cents per hour	3		
Stockkeepers, operatives, 55 to 60 cents per hour	29		
Laborers, 55 cents per hour	70		
Total average number of employees	312	283	264.9
Overtime pay	$11,029	10,041	10,454
		411,236.00	374,683.72
Unobligated balance			7,466.28
Reserve		8,764.00	
01 Total personal services	465,000.00	420,000.00	382,050.00
The difference between 1928 and 1929 is due to increase in number of employees for 1929.			

General Expenses, Office of Superintendent of Documents—

For furniture and fixtures, typewriters, carpets, labor-saving machines and accessories, time stamps, adding and numbering machines, awnings, curtains, books of reference (subscriptions to which may be paid in advance); directories, books, miscellaneous office and desk supplies, paper, twine, glue, envelopes, postage, car fares, soap, towels, disinfectants, and ice; drayage, express, freight, telephone and telegraph service; traveling expenses (not to exceed $200); repairs to building, elevators, and machinery; preserving sanitary condition of building, light, heat, and power; stationery and office printing, including blanks, price lists, and bibliographies, $77,000; for catalogues and indexes, not exceeding [$18,000] *$25,000*; for supplying books to depository libraries, $85,000; in all [$180,000] *$187,000*: *Provided*, That no part of this sum shall be used to supply to depository libraries any documents, books, or other printed matter not requested by such libraries (*U. S. C., p. 1419, sec. 73; act Feb. 23, 1927, vol. 44, p. 1161*) $187,000.00 $180,000.00

NOTE.—$7,000 increase is for catalogues and indexes required by law.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Supplies and materials:			
0201 Stationery, including wrapping paper, envelopes, etc	$35,000.00	$35,000.00	$34,344.59
0202 Sundry office supplies	7,000.00	7,000.00	7,660.41
0220 Scientific and educational supplies	20.00	20.00	15.00
02 Total supplies and materials	42,020.00	42,020.00	42,020.00
05 Communication service (telephone and telegraph)	280.00	280.00	204.00
06 Traveling expenses	200.00	200.00	39.00
07 Transportation of things (service)	2,000.00	2,000.00	1,726.96
08 Printing and binding	117,000.00	110,000.00	118,396.66
10 Furnishing of heat, light, power, water, and electricity (service)	4,000.00	4,000.00	3,432.56
12 Repairs and alterations	7,000.00	5,500.00	3,479.47
13 Special and miscellaneous current expenses	9,500.00	9,000.00	9,102.85
30 Equipment	5,000.00	5,000.00	4,998.50
		178,000.00	183,400.00
Unobligated balance			5,000.00
Reserve		2,000.00	
Total	187,000.00	180,000.00	188,400.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
General Expenses, Office of Superintendent of Documents—Continued.		
In order to keep the expenditures for printing and binding for the fiscal year [1928] *1929* within or under the appropriations for such fiscal year, the heads of the various executive departments and independent establishments are authorized to discontinue the printing of annual or special reports under their respective jurisdictions: *Provided*, That where the printing of such reports is discontinued, the original copy thereof shall be kept on file in the offices of the heads of the respective departments or independent establishments for public inspection.		
Purchases may be made from the foregoing appropriations under the "Government Printing Office," as provided for in the printing act approved January 12, 1895, and without reference to section 4 of the act approved June 17, 1910, concerning purchases for executive departments.		
Total under Government Printing Office	$3, 152, 000. 00	$3, 100, 000. 00
Total, Legislative Establishment	16, 862, 930. 86	16, 434, 579. 56
SEC. 2. No part of the funds herein appropriated shall be used for the maintenance or care of private vehicles.		
SEC. 3. In expending appropriations or portions of appropriations contained in this act for the payment for personal services in the District of Columbia in accordance with the classification act of 1923, the average of the salaries of the total number of persons under any grade in the Botanic Garden, the Library of Congress, or the Government Printing Office shall not at any time exceed the average of the compensation rates specified for the grade by such act, and in grades in which only one position is allocated the salary of such position shall not exceed the average of the compensation rates for the grade, except that in unusually meritorious cases of one position in a grade advances may be made to rates higher than the average of the compensation rates of the grade, but not more often than once in any fiscal year, and then only to the next higher rate: *Provided*, That this restriction shall not apply (1) to grades 1, 2, 3, and 4 of the clerical-mechanical service, (2) to require the reduction in salary of any person whose compensation was fixed as of July 1, 1924, in accordance with the rules of section 6 of such act, (3) to require the reduction in salary of any person who is transferred from one position to another position in the same or different grade in the same or a different bureau, office, or other appropriation unit, or (4) to prevent the payment of a salary under any grade at a rate higher than the maximum rate of the grade when such higher rate is permitted by the classification act of 1923, and is specifically authorized by other law.		

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
CHAPTER II.—EXECUTIVE OFFICE AND INDEPENDENT ESTABLISHMENTS		
EXECUTIVE OFFICE		
THE PRESIDENT		
Salary of the President—		
For compensation of the President of the United States (*U. S. C., p. 48, sec. 42; act Feb. 11, 1927, vol. 44, p. 1069*)	$75,000.00	$75,000.00
THE VICE PRESIDENT		
Salary of the Vice President—		
For compensation of the Vice President of the United States (*U. S. C., p. 48, sec. 45; act Feb. 11, 1927, vol. 44, p. 1069*)	15,000.00	15,000.00
OFFICE OF THE PRESIDENT OF THE UNITED STATES		
Salaries, Executive Office—		
Salaries: For Secretary to the President, $10,000; personal services in the office of the President in accordance with the classification act of 1923, [$85,260] *$86,480*; in all (*U. S. C., p. 48, sec. 45; act Feb. 11, 1927, vol. 44, p. 1069*)	96,480.00	95,260.00
Provided, That employees of the executive departments and other establishments of the executive branch of the Government may be detailed from time to time to the office of the President of the United States for such temporary assistance as may be deemed necessary.		

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Clerical, administrative, and fiscal service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 14, $7,500 and over—						
Secretary	1	$10,000	1	$10,000	1	$10,000
Grade 13, $6,000 to $7,500; average, $6,750—						
Executive officer	2	6,500	2	6,000	2	6,000
Grade 12, $5,200 to $6,000; average, $5,600—						
Chief administrative officer	1	5,200	1	5,200	1	5,200
Grade 10, $3,300 to $3,900; average, $3,600—						
Senior administrative officer	1	3,600	1	3,300	1	3,300
Grade 9, $3,000 to $3,600; average, $3,300—						
Administrative officer	4	3,050	4	3,000	4	3,000
Grade 8, $2,700 to $3,300; average, $3,000—						
Administrative assistant	2	2,750	2	2,700	2	2,700
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant	7	2,600	7	2,514	7	2,514
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	4	2,225	4	2,200	4	2,200
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Clerk	1	2,000	1	2,000	1	2,000
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	3	1,780	3	1,720	1.8	1,683
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	1	1,740	1	1,680	2.3	1,624
Custodial service—						
Grade 8, $1,860 to $2,400; average, $2,111.42—						
Chief guard, White House property					0.2	2,100
Grade 6, $1,500 to $1,860; average, $1,680—						
Supervisor	1	1,560	1	1,500	1	1,500
Grade 5, $1,320 to $1,680; average, $1,500—						
Messenger and doorkeeper	2	1,320	2	1,320	1.6	1,320
Grade 4, $1,140 to $1,500; average, $1,320—						
Messenger	3	1,180	3	1,140	3	1,140
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger	1	1,140	1	1,080	1	1,080
Grade 2, $900 to $1,140; average, $1,020—						
Laborer	2	960	2	960	2	960
Total average number of employees	36		36		35.9	
01 Total salaries, departmental service		96,480		93,700		93,469
The difference between 1929 and 1928 is due to increase in salaries, $2,780.						
Unobligated balance						1,791
Reserve				1,560		
Total		96,480		95,260		95,260

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Contingent Expenses, Executive Office—		
Contingent expenses: For contingent expenses of the Executive Office, including stationery, record books, telegrams, telephones, books for library, furniture and carpets for offices, automobiles, expenses of garage, including labor, special services, and miscellaneous items, to be expended in the discretion of the President (*act Feb. 11, 1927, vol. 44, p. 1069*)	$35,000.00	$35,500.00

		Estimated expenditures 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
01	Personal services	$22,000.00	$22,000.00	$21,829.17
02	Supplies and materials	4,700.00	4,000.00	4,498.01
05	Communication service	3,900.00	3,900.00	3,942.01
13	Special and miscellaneous expenses	800.00	800.00	674.39
30	Equipment	3,600.00	3,800.00	3,786.33
			34,500.00	34,729.91
	Unobligated balance			770.09
	Reserve		1,000.00	
	Total	35,000.00	35,500.00	35,500.00

Printing and Binding, Executive Office—	
For printing and binding (*U. S. C., p. 1013, sec. 588; act Feb. 11, 1927, vol. 44, p. 1070*)	2,800.00	2,800.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
02011	Letterheads and envelopes	$500.00	$420.00	$371.60
0800	Speeches and Senate documents	1,600.00	1,600.00	1,501.89
0800	Binding	100.00	100.00	81.72
0800	Miscellaneous printing	600.00	600.00	684.01
			2,720.00	2,639.22
	Unobligated balance			160.78
	Reserve		80.00	
	Total	2,800.00	2,800.00	2,800.00

Traveling Expenses of the President—		
Traveling expenses: For traveling and official entertainment expenses of the President of the United States, to be expended in his discretion and accounted for on his certificate solely (*U. S. C., p. 48, sec. 43; act Feb. 11, 1927, vol. 44, p. 1070*)	25,000.00	25,000.00
06 Travel, etc.: Expenditures—1929, $25,000; 1928, $25,000; 1927, $18,440.67.		
Total, Executive Office proper	249,280.00	248,560.00
Maintenance, Executive Mansion and Grounds—		
For the care, maintenance, repair, refurnishing, improvement, heating, and lighting, including electric power and fixtures, of the Executive Mansion, the Executive Mansion greenhouses, including reconstruction, and the Executive Mansion grounds, to be expended by contract or otherwise as the President may determine, *including traveling expenses not to exceed $100* (*U. S. C., p. 1288, sec. 2; act Feb. 11, 1927, vol. 44, p. 1070*)	102,000.00	104,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average*—		*Average*—		*Average*—	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $3,000 to $3,600; average, $3,300—						
Administrative officer (chief of division)	1	$3,100	1	$3,100	0.5	$3,000
Salary range, $2,100 to $2,700; average, $2,400—						
Mechanic	3	2,200	3	2,200	3	2,167
Salary range, $1,860 to $2,400; average, $2,100—						
Manager	1	1,950	1	1,950	1	1,913
Foreman gardener	1	1,920	1	1,920	1	1,920
Salary range, $1,680 to $2,040; average, $1,860—						
Chief cook	1	1,800	1	1,800	1	1,500
Salary range, $1,500 to $1,860; average, $1,680—						
Mechanic	1	1,620	1	1,620	1	1,620
Gardener	2	1,560	2	1,560	2	1,530
Salary range, $1,320 to $1,680; average, $1,500—						
Gardener	5	1,368	5	1,368	5	1,345
Salary range, $1,140 to $1,500; average, $1,320—						
Fireman	1	1,380	1	1,380	1	1,380
Chauffeur	1	1,260	1	1,260	1	1,260
Laborer	6	1,260	6	1,260	6	1,240
Butler	2	1,230	2	1,240	2	1,200
Footman	3	1,180	3	1,180	2	1,127
House cleaner	2	1,170	2	1,170	2	1,140
Gardener's helper	2	1,140	2	1,140	2	1,140

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Maintenance, Executive Mansion and Grounds—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Field service—Continued.			
Salaries and wages—Continued.	*Average—*	*Average—*	*Average—*
Salary range, $1,020 to $1,260; average, $1,140—	*No.* *Salary*	*No.* *Salary*	*No.* *Salary*
Laborer	1 $1,080	1 $1,080	1 $1,080
House cleaner	2 1,080	2 1,080	2 1,050
Cook	1 1,080	1 1,080	1 1,080
Pantryman	1 1,080	1 1,080	1 1,080
Chauffeur	1 1,020	1 1,020	1 1,020
Kitchen boy	1 1,020	1 1,020	1 960
Salary range, $900 to $1,140; average, $1,020—			
Chambermaid	1 960	1 960	1 960
Houseman	2 960	2 960	1 960
Laborer	1 960	1 960	1 960
Maid	2 900	2 900	1 870
Laundress	1 900	1 900	1 900
Salary range, $780 to $1,020; average, $900—			
Kitchen helper	1 840	1 840	1 840
Maid	1 780	1 780	1 780
Laundress	1 780	1 780	1 780
Temporary employees	7 1,234	7 1,234	10 1,200
Total average number of employees	56	56	55½
Total salaries and wages, field service	72,788.00	72,788.00	70,403.00
Deduct expenditures for personal services included in objects named below	500.00	500.00	457.99
01 Net salaries and wages, field service	72,288.00	72,288.00	69,945.10
Supplies and materials—			
0200 Stationery and office supplies	8.00	8.00	7.55
0231 Coal	5,000.00	4,000.00	5,626.40
0234 Gas	570.00	570.00	571.90
0240 Wearing apparel and sewing supplies	890.00	890.00	890.70
0280 Sundry supplies	4,400.00	4,400.00	4,495.67
0290 Materials for stock	2,980.00	2,980.00	2,986.24
02 Total supplies and materials	13,848.00	12,848.00	14,578.46
05 Communication service	34.00	34.00	34.15
06 Travel expenses	75.00	75.00	74.84
07 Transportation of things	450.00	450.00	455.61
Furnishing of heat, light, and power—			
1000 Furnishing of heat (steam)	1,700.00	1,000.00	3,666.59
1030 Furnishing of electricity	1,635.00	1,635.00	1,635.73
10 Total furnishing of heat, light, and power	3,335.00	2,635.00	5,302.32
12 Repairs and alterations	8,000.00	7,700.00	8,399.72
13 Special and miscellaneous current expenses	900.00	900.00	929.08
Equipment—			
3010 Furniture, furnishings, and fixtures	970.00	970.00	986.34
3050 Other equipment	2,100.00	2,100.00	2,118.24
30 Total equipment	3,070.00	3,070.00	3,104.58
32 Structures and nonstructural improvements			5,710.31
		100,000.00	108,534.17
Unobligated balance			1,465.83
Reserve		4,000.00	
Total	102,000.00	104,000.00	110,000.00

Salaries, White House Police—

Salaries: First sergeant, $2,700; three sergeants, at $2,400 each; and thirty-five privates, at $2,100 each; in all (*U. S. C., p. 1288, sec. 2; act Feb. 11, 1927, vol. 44, p. 1070*) — $83,400.00 | $83,400.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
White House police:	*Average—*	*Average—*	*Average—*
	No. *Salary*	*No.* *Salary*	*No.* *Salary*
First sergeant	1 $2,700	1 $2,700	1 $2,700
Sergeant	3 2,400	3 2,400	3 2,400
Private	35 2,100	35 2,100	35 2,100
Total number of employees	39	39	39
01 Total personal services	83,400.00	83,400.00	83,376.67
Unobligated balance			23.33
Total	83,400.00	83,400.00	83,400.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Uniforms and Equipment, White House Police— For uniforming and equipping the White House police, including the purchase, issue, and repair of revolvers and the purchase and issue of ammunition and miscellaneous supplies, to be procured in such manner as the President in his discretion may determine (*U. S. C., p. 1288, sec. 2; act Feb. 11, 1927, vol. 44, p. 1070*)	$2,500.00	$2,500.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
02 Supplies and materials	$2,415.00	$2,415.00	$2,069.18
07 Transportation	5.00	5.00	4.68
13 Special and miscellaneous	80.00	80.00	78.00
			2,151.86
Unobligated balance			348.14
Total	2,500.00	2,500.00	2,500.00

Total under Executive Office	437,180.00	438,460.00

INDEPENDENT ESTABLISHMENTS

ALASKA RELIEF FUNDS

Permanent appropriations:

Relief of the Indigent, Alaska Fund, Special Fund— Indefinite appropriation of 10 per cent of the receipts from licenses collected outside of incorporated towns in Alaska, to be expended for the relief of persons in Alaska who are indigent and incapacitated through nonage, old age, sickness, or accident (*U. S. C., p. 1561, sec. 41*)

Redistribution, Funds for Indigent, Alaska Fund, Special Fund— Indefinite appropriation of such portion of the fund for relief of indigent in Alaska as may remain unexpended and be returned to the Treasury, available for relief in other divisions of the Territory when needed (*U. S. C., p. 1561, sec. 41*)

	15,000.00	15,000.00

22 Relief of indigent persons in Alaska: Expenditures—1929, $15,000; 1928, $15,000; 1927, $14,744.90.

OFFICE OF ALIEN PROPERTY CUSTODIAN

Salaries and Expenses, Office of Alien Property Custodian—

For salary of the Alien Property Custodian, $7,500 [For expenses of the Alien Property Custodian authorized by the act entitled "An act to define, regulate, and punish trading with the enemy, and for other purposes," approved October 6, 1917, as amended, including personal and other services and rental of quarters in the District of Columbia and elsewhere, traveling expenses, law books, books of reference and periodicals, supplies and equipment, and maintenance, repair, and operation of motor-propelled passenger-carrying vehicles, $97,500, of which amount not to exceed $92,000 may be expended for personal services in the District of Columbia: *Provided*, That this appropriation shall not be available for rent of buildings in the District of Columbia if suitable space is provided by the Public Buildings Commission] (*U. S. C., p. 1690, sec. 21; act Feb. 11, 1927, vol. 44, p. 1070*)

	7,500.00	97,500.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 6, $6,000 to $7,500; average, $6,750—						
Chief attorney (general counsel)					1	$7,500
Grade 5, $5,200 to $6,000; average, $5,600—						
Senior attorney (managing director)			0.3	$6,000	1	6,000
Grade 4, $3,800 to $5,000; average, $4,400—						
Attorney (chief of division)			0.3	5,000	1	5,000
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant attorney			0.3	2,700	1	2,700

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Office of Alien Property Custodian—Continued.

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Departmental service—Continued.						
	Salaries—Continued.						
	Clerical, administrative, and fiscal service—	*Average—*		*Average—*		*Average—*	
	Grade 13, $6,000 to $7,500; average, $6,750—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Executive officer (custodian)	1	$7,500	1	$7,500	1	$7,500
	Grade 8, $2,700 to $3,300; average, $3,000—						
	Administrative assistant (chief accountant)			0.3	3,000	1	2,200
	Grade 7, $2,400 to $3,000; average, $2,700—						
	Junior administrative assistant (accountant)			1	2,833	3	2,833
	Grade 6, $2,100 to $2,700; average, $2,400—						
	Principal clerk			0.3	2,400	1	2,191
	Grade 5, $1,860 to $2,400; average, $2,130—						
	Senior clerk (adjuster and examiner)			0.6	2,200	4	1,790
	Grade 4, $1,680 to $2,040; average, $1,860—						
	Clerk			1.3	1,860	4	1,860
	Grade 3, $1,500 to $1,860; average, $1,680—						
	Assistant clerk			3.4	1,776	13	1,631
	Grade 2, $1,320 to $1,680; average, $1,500—						
	Junior clerk-stenographer			1.7	1,536	11	1,373
	Grade 1, $1,140 to $1,500; average, $1,320—						
	Underclerk-operator			1.3	1,530	4	1,530
	Custodial service—						
	Grade 5, $1,320 to $1,680; average, $1,500—						
	Junior mechanic			0.3	1,620	1	1,620
	Grade 4, $1,140 to $1,500; average, $1,320—						
	Undermechanic			0.3	1,440	1	1,320
	Grade 3, $1,020 to $1,260; average, $1,140—						
	Messenger-guard			3	1,093	13	1,112
	Grade 2, $900 to $1,140; average, $1,020—						
	Junior laborer					2	1,020
	Total average number of employees	1		15.7		63	
01	Total salaries, departmental service		7,500		36,302		118,052
	The difference between 1928 and 1927 is due to decrease in force and discontinuance of congressional appropriation after Oct. 31, 1927.						
02	Stationery and office supplies				235.00		800.00
04	Storage and care of motor vehicles				165.00		847.61
	Communication service:						
0501	Telegraph, cable, and radio service				100.00		240.01
0510	Telephone service				265.00		1,790.01
0520	Postage				90.00		300.00
05	Total communication service				455.00		2,330.02
	Travel expenses:						
0615	Transportation				300.00		61.15
0616	Subsistence				75.00		142.10
06	Total travel expenses				375.00		203.25
11	Rental of safe deposit boxes				70.00		
13	Special and miscellaneous expenses						576.89
30	Office furniture, files, etc				100.00		2,200.44
					37,702.00		125,010.21
	Unobligated balance						4,989.79
	Estimated unobligated balance				59,798.00		
	Total		7,500.00		97,500.00		130,000.00

NOTE.—Estimated expenditures for 1928 are for 4 months only.

Printing and Binding, Office of Alien Property Custodian—

[For all printing and binding for the Alien Property Custodian] (*U. S. C., p. 1690, sec. 21; act Feb. 11, 1927, vol. 44, p. 1070*) $500.00

0201 Printed forms and letterheads: Expenditures—1928, $166; 1927, $618.08.

Total, office of Alien Property Custodian ..... $7,500.00 | 98,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
AMERICAN BATTLE MONUMENTS COMMISSION		
American Battle Monuments Commission—		
For every expenditure requisite for or incident to the work of the American Battle Monuments Commission authorized by the act entitled "An act for the creation of an American Battle Monuments Commission to erect suitable memorials commemorating the services of the American soldier in Europe, and for other purposes," approved March 4, 1923, including the acquisition of land or interest in land in foreign countries for carrying out the purposes of said act without submission to the Attorney General of the United States under the provisions of section 355 of the Revised Statutes; employment of personal services in the District of Columbia and elsewhere; the transportation of, mileage of, reimbursement of actual travel expenses or per diem in lieu thereof to the personnel engaged upon the work of the commission; the reimbursement of actual travel expenses (not exceeding an average of $8 per day for subsistence) or per diem in lieu thereof (not exceeding $7 per day) to, and the transportation of the members of the commission, while engaged upon the work of the commission; the establishment of offices and the rent of office space in foreign countries; the purchase of motor-propelled passenger-carrying vehicles for the official use of the commission and its personnel in foreign countries, at a total cost of not to exceed [$2,500] *$2,000*; the maintenance, repair, and operation of motor-propelled passenger-carrying vehicles, which may be furnished to the commission by other departments of the Government or acquired by purchase; printing, binding, engraving, lithographing, photographing, and typewriting, including the publication of information concerning the American activities, battle fields, memorials, and cemeteries in Europe; the purchase of maps, textbooks, newspapers, and periodicals, [$600,000] *$700,000*; to be immediately available and to remain available until expended: *Provided* [*further*], That the commission may incur obligations and enter into contracts for building materials and supplies and for construction work, which, inclusive of the amounts herein and heretofore made available, shall not exceed a total of $3,000,000: *Provided further*, That notwithstanding the requirements of existing laws or regulations and under such terms and conditions as the commission may in its discretion deem necessary and proper, the commission may contract for work in Europe, and engage, by contract or otherwise, the services of architects, firms of architects, and other technical and professional personnel: [*Provided further*, That the commission shall have a seal, which shall be judicially noticed:] *Provided further*, That when traveling on business of the commission officers of the Army serving as members or as secretary of the commission may be reimbursed for expenses as provided for other members of the commission: [*Provided further*, That the commission may, under such terms and conditions and in such manner as the commission may in its discretion deem necessary and proper, dispose of any land or interest in land in foreign countries which has been or may hereafter be acquired by the commission in connection with its work: *Provided further*, That hereafter disbursements for expenditures outside of continental United States may be made by a special disbursing agent designated by the commission and under such regulations as it may prescribe] (*U. S. C., p. 1182, secs. 121–133; p. 2067, secs. 122, 122a, 122b, 133; act Feb. 11, 1927, vol. 44, pp. 1070, 1071*)	$700,000.00	$600,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Clerical, administrative, and fiscal service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant	1	$3,000	1	$3,000	1	$3,000
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal accounting and auditing assistant	1	2,450	1	2,350	0.1	2,200
Grade 5, $1,860 to $2,400; average, $2,111—						
Senior clerk					0.9	1,980
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	1	1,800	0.5	1,740		
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk-stenographer	1	1,740	1	1,680	0.8	1,560
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	1.5	1,440	1.5	1,440	2.3	1,380
Custodial service—						
Grade 4, $1,140 to $1,500; average, $1,320—						
Head messenger	1	1,200	1	1,200	1	1,200
Total average number of employees	6.5		6		6.1	
Total salaries, departmental service		12,350.00		11,260.00		10,948.78
The difference between 1929 and 1928 is due to—						
Increase in force	$900					
Increase in salaries	190					
Total increase	1,090					

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

American Battle Monuments Commission—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
Salary range, $1,860 to $2,400; average, $2,100—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Senior clerk	1	$2,030	1	$2,030	1	$1,920
Accounting assistant	1	2,030	1	2,030	0.7	1,920
Salary range, $1,680 to $2,040; average, $1,860—						
Liaison agent	1	1,800	1	1,800	0.5	1,800
Salary range, $1,500 to $1,800; average, $1,680—						
Assistant clerk-stenographer	1	1,560	1	1,560	0.4	1,560
Clerk of the works	4	1,560	4	1,560		
Salary range, $1,320 to $1,680; average, $1,500—						
Clerk of the works	3	1,380	3	1,380		
Junior clerk	1	1,320	1	1,320	0.3	1,200
Salary range, $1,020 to $1,260; average, $1,140—						
Chauffeur	1	1,020	1	1,020	0.2	1,020
Mechanic	1	1,020	1	1,020	0.2	1,020
Laborer	1	1,020	1	1,020		
Total average number of employees	15		15		3.3	
Total salaries and wages, field service		$22,180.00		$22,180.00		$5,684.55
01 Total personal services		34,530.00		33,440.00		16,633.33
02 Supplies and materials		1,000.00		1,000.00		1,180.64
05 Communication service		600.00		600.00		457.15
06 Traveling expenses		20,000.00		21,800.00		10,508.81
07 Transportation of things		8,000.00		6,000.00		134.22
08 Printing, engraving, lithographing, binding, photographing, and typewriting (services)		2,000.00		2,000.00		7,737.65
09 Advertising and publication of notices		200.00		150.00		
11 Rents		2,500.00		2,500.00		707.88
13 Cemeteries						22,706.00
30 Equipment		3,500.00		3,500.00		3,607.02
31 Land and interests in land		3,000.00		12,000.00		11,030.36
32 Structures and parts, and nonstructural improvements to land		624,670.00		1,678,298.89		95,254.82
Total		700,000.00		1,761,288.89		169,957.88

NOTE.—The estimated expenditures shown for 1928 in excess of the amount appropriated for that year are from unexpended balances of prior appropriations

ARLINGTON MEMORIAL BRIDGE COMMISSION

Arlington Memorial Bridge—

For continuing the construction of the Arlington Memorial Bridge across the Potomac River at Washington, authorized in an act entitled "An act to provide for the construction of a memorial bridge across the Potomac River from a point near the Lincoln Memorial in the city of Washington to an appropriate point in the State of Virginia, and for other purposes," approved February 24, 1925, to be expended in accordance with the provisions and conditions of the said act, [$2,500,000] *$2,300,000*, including all necessary incidental and contingent expenses, [not to exceed $1,000 for] the [purchase,] maintenance [,] and repair of one motor-propelled passenger-carrying vehicle, printing and binding, and traveling expenses, [to be available immediately and] to remain available until expended (*acts Feb. 24, 1925, vol. 43, p. 974; Feb. 11, 1927, vol. 44, p. 1071*) ..... $2,300,000.00 | $2,500,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
Salary range, $3,800 to $5,000; average, $4,400—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Engineer	2	$4,600	2	$4,600	2	$4,450
Salary range, $3,000 to $3,600; average, $3,300—						
Structural designer	3	3,300	3	3,300	2	3,000
Inspector	1	3,000	1	3,000		
Salary range, $2,700 to $3,300; average, $3,000—						
Inspector	3	2,700	3	2,700	3.4	2,700
Structural designer	1	2,700	1	2,700	1	2,700
Accountant	1	2,700	1	2,700		
Salary range, $2,400 to $3,000; average, $2,700—						
Draftsman	2	2,500	2	2,500	0.5	2,500
Computer	1	2,500	1	2,500	1	2,400
Designer					1	2,400
Assistant engineer	1	2,700	1	2,700	0.5	2,400
Accountant					1	2,400
Salary range, $1,860 to $2,400; average, $2,100—						
Architect	1	1,920	1	1,920	1	1,860

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Arlington Memorial Bridge—Continued.

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service—Continued.							
Salaries and wages—Continued.		*Average—*		*Average—*		*Average—*	
Salary range, $1,680 to $2,040; average, $1,860—		*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Inspector		3	$1,800	3	$1,800	1	$1,800
Foreman		1	1,800	1	1,800	1	1,800
Draftsman		1	1,680	1	1,680	1	1,680
Salary range, $1,140 to $1,500; average, $1,320—							
Clerk		5	1,308	5	1,308	3	1,140
Temporary employees		25	1,213	25	1,213	25	1,213
Total average number of employees		51		51		44.4	
01 Total salaries and wages, field service			93,465.00		93,465.00		77,317.28
Deduct expenditures for personal services included in objects named below			93,465.00		93,465.00		77,317.28
32 Bridges and viaducts			3,050,000.00		2,917,203.66		1,446,977.99
Total			[1] 3,050,000.00		[1] 2,917,203.66		[2] 1,446,977.99

[1] Balance of continuing appropriation, June 30, 1927, $1,167,203.66.
[2] Total expended to June 30, 1927, $1,832,796.44.

BOARD OF MEDIATION

Salaries and Expenses, Board of Mediation—

For five members of the board, at $12,000 each (*U. S. C., p. 2106, sec. 154; act Feb. 11, 1927, vol. 44, p. 1071*) $60,000.00 $60,000.00

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:							
Salaries (statutory)—		*Average—*		*Average—*		*Average—*	
Member of board		*No.* 5	*Salary* $12,000	*No.* 5	*Salary* $12,000	*No.* 5	*Salary* $12,000
Total average number of employees		5		5		5	
01 Total salaries			60,000		60,000		59,667

For other authorized expenditures of the Board of Mediation in performing the duties imposed by law, including not to exceed [$121,100] *$90,080* for personal services in the District of Columbia in accordance with the classification act of 1923; [and for] personal services in the field; contract stenographic reporting services; supplies and equipment; law books and books of reference; not to exceed $200 for newspapers, for which payment may be made in advance; periodicals; traveling expenses; rent of quarters in the District of Columbia, if space is not provided by the Public Buildings Commission, and rent of quarters outside the District of Columbia (*U. S. C., p. 2110, sec. 162; act Feb. 11, 1927, vol. 44, p. 1072*) 155,102.00 177,000.00

215,102.00 237,000.00

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:							
Salaries—							
Clerical, administrative, and fiscal service—		*Average—*		*Average—*		*Average—*	
Grade 13, $6,000 to $7,500; average, $6,750—		*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Executive officer (secretary to board)		1	$7,500	1	$7,500	1	$6,673
Grade 12, $5,200 to $6,000; average, $5,600—							
Senior administrative officer (division chief)		3	5,400	3	5,400	3	5,269
Grade 11, $3,800 to $5,000; average, $4,400—							
Administrative officer—							
Division chief		1	4,600	1	4,600	1	4,468
Assistant division chief		1	4,600	1	4,600	1	4,250
Assistant division chief		2	4,200	2	4,200	2	4,050
Assistant secretary to board		1	3,800	1	3,800	0.3	3,800
Assistant mediator				4.4	4,000		
Grade 9, $3,000 to $3,600; average, $3,300—							
Senior administrative assistant—							
Assistant to the chairman		1	3,300	1	3,300		
Assistant division chief		1	3,000	1	3,000	0.5	3,300

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Board of Mediation—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average—		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Departmental service—Continued.						
Salaries—Continued.						
Clerical, administrative, and fiscal service—Con.						
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant—						
Secretary to member	[1] 4	$2,700	6	$2,700	4.4	$2,700
Assistant to the secretary	1	2,500	1	2,500	0.6	2,453
Grade 5, $1,860 to $2,400; average, $2,100—						
Senior clerk—						
Secretary to the Secretary	1	2,100	1	2,100	1	2,100
Assistant to division chief	1	2,100	1	2,100	1	2,100
Grade 3, $1,500 to $1,860; average, $1,680—						
Clerk	4	1,650	4	1,650	3.3	1,650
Clerk-stenographer	3	1,720	3	1,720	2.8	1,685
Grade 2, $1,320 to $1,680; average, $1,500—						
Senior typist	2	1,470	2	1,470	1.6	1,425
Junior clerk-typist	1	1,440	1	1,440	0.8	1,404
Junior operator, office devices	1	1,440	1	1,440	0.9	1,402
Grade 1, $1,140 to $1,500; average, $1,320—						
Under operator office devices (telephone operator)	1	1,320	1	1,320	0.9	1,342
Custodial service:						
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger	2	1,140	2	1,140	1.8	1,140
Total average number of employees	32		37.4		27.9	
Total salaries, departmental service		90,080.00		110,990.00		77,300.88
The difference between 1929 and 1928 is due to decrease in force, $20,910.						
Field service:						
Salary and wages—						
Salary range, $5,200 to $6,000; average, $5,600—						
Mediator	1	5,110	1	5,110	0.6	4,856
Total average number of employees	1		1		0.6	
Total salaries, field service		5,110		5,110		2,751
01 Total personal services		95,190.00		116,100.00		80,051.38
02 Supplies and materials		2,500.00		4,000.00		1,912.00
Communication service:						
0500 Telegraph service		3,800.00		3,800.00		1,164.56
0510 Telephone service		2,500.00		2,000.00		1,426.40
0520 Other communication service		150.00		250.00		60.00
05 Total communication service		6,450.00		6,050.00		2,650.96
Travel expenses:						
0600 Commercial transportation		$9,500.00		$11,000.00		$5,931.46
0610 Local transportation		100.00		50.00		75.00
0630 Subsistence		25,000.00		19,000.00		13,866.58
06 Total travel expenses		34,600.00		30,050.00		19,873.04
07 Transportation of things		100.00		100.00		3,349.86
08 Transcript of proceedings, reporting		1,000.00		1,000.00		158.25
11 Rent of office building		13,800.00		13,500.00		11,503.99
12 Repairs and alterations		250.00		200.00		747.64
13 Special and miscellaneous current expenses		212.00		500.00		342.28
30 Equipment		1,000.00		500.00		5,436.95
				172,000.00		126,026.85
Unobligated balance						56,348.59
Reserve				5,000.00		
Total		155,102.00		177,000.00		182,375.44

[1] One position, secretary to member, vacant.

Salaries and Expenses, Arbitration Boards, Board of Mediation—

Arbitration boards: To enable the Board of Mediation to pay necessary expenses of arbitration boards, including compensation of members and employees of such boards, together with their necessary traveling expenses and expenses actually incurred for subsistence while so employed and printing of awards, together with proceedings and testimony relating thereto, as authorized by the railway labor act, including also contract stenographic reporting service and rent of quarters when suitable quarters can not be supplied in any Federal building [$100,000, to be immediately available] (*U. S. C., p. 2108, sec. 157; act Feb. 11, 1927, vol. 44, p. 1072*) $80,000.00 $100,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Arbitration Boards, Board of Mediation—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
13 Special and miscellaneous expenses	$80,000.00	$96,000.00	$42,129.34
Reserve		4,000.00	
Total	80,000.00	100,000.00	42,129.34

Expenses, Emergency Boards—

Emergency boards: For expenses of emergency boards appointed by the President to investigate and report respecting disputes between carriers and their employees, as authorized by section 10, railway labor act, approved May 20, 1926 (*U. S. C., p. 2110, sec. 160; act Feb. 11, 1927, vol. 44, p. 1072*) — $50,000.00 — $50,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
13 Special and miscellaneous expenses	$50,000	$48,000	
Reserve		2,000	
Total	50,000	50,000	

Printing and Binding, Board of Mediation—

For all printing and binding for the Board of Mediation (*U. S. C., p. 1013, sec. 588, p. 2110, sec. 162; act Feb. 11, 1927, vol. 44, p. 1072*) — 2,800.00 — 3,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
02 Printed forms and letterheads	$1,000.00	$1,000.00	$728.12
08 Printing and binding	1,800.00	1,900.00	320.43
Reserve		100.00	
Total	2,800.00	3,000.00	1,048.55

[Hereafter section 3709 of the Revised Statutes of the United States shall not be construed to apply to any purchase or service rendered for the Board of Mediation, including arbitration boards established under the Railway Labor Act, when the aggregate amount involved does not exceed the sum of $50] (*act Feb. 11, 1927, vol. 44, p. 1072*).

Total, Board of Mediation — 347,902.00 — 390,000.00

BOARD OF TAX APPEALS

Salaries and Expenses, Board of Tax Appeals—

For every expenditure requisite for and incident to the work of the Board of Tax Appeals as authorized under Title IX, section 900, of the Revenue Act of 1924, approved June 2, 1924, as amended by Title X of the Revenue Act of 1926, approved February 26, 1926, including personal services and *contract* stenographic reporting services to be obtained by renewal of existing contract, or otherwise, rent at the seat of Government and elsewhere, traveling expenses, car fare, stationery, furniture, office equipment, purchase and exchange of typewriters, law books and books of reference, periodicals, and all other necessary supplies, $682,740, of which amount not to exceed [$558,000] *$511,940* may be expended for personal services in the District of Columbia: *Provided*, That this appropriation shall not be available for rent of buildings in the District of Columbia if suitable space is provided by the Public Buildings Commission (*U. S. C., pp. 846–847, secs. 1211–1222; pp. 2016–2019, secs. 1211–1222; act Feb. 11, 1927, vol. 44, p. 1072*) — 682,740.00 — 682,740.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Board of Tax Appeals—Continued.

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
		Average—		*Average—*		*Average—*	
		No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Departmental service:						
	Salaries—						
	Professional service—						
	Chief attorney	16	$10,000	16	$10,000	15.8	$10,000
	Grade 5, $5,200 to $6,000; average, $5,600—						
	Special attorney	15	5,600	16	5,385	4	5,408
	Senior engineer (valuation engineer)	1	5,600	1	5,600	0.3	5,600
	Grade 4, $3,800 to $5,000; average, $4,400—						
	Attorney	5	4,400	5	3,880	1.6	3,946
	Grade 3, $3,000 to $3,600; average, $3,300—						
	Associate attorney	7	3,300	7	3,042	6.4	3,135
	Grade 2, $2,400 to $3,000; average, $2,700—						
	Associate attorney	6	2,700	6	2,533	2.7	2,460
	Grade 1, $1,860 to $2,400, average, $2,100—						
	Associate attorney	2	2,100	1	1,860	3	2,085
	Subprofessional service—						
	Grade 6, $1,860 to $2,400; average, $2,100—						
	Senior Librarian Assistant	1	2,200	1	2,200	1	2,050
	Clerical, administrative, and fiscal service—						
	Grade 12, $5,200 to $6,000; average, $5,600—						
	Senior administrative officer (secretary of board)	1	5,600	1	5,600	1	5,265
	Chief accountant and auditor	2	5,600	2	5,600	1.3	5,600
	Grade 11, $3,800 to $5,000; average, $4,400—						
	Assistant chief accountant and auditor	2	4,400	2	3,800	0.2	3,800
	Administrative officer (clerk of court)	1	4,800	1	4,800	0.5	4,280
	Grade 10, $3,000 to $3,900; average, $3,600—						
	Administrative officer (clerk of court)					0.4	3,300
	Grade 7, $2,400 to $3,000; average, $2,700—						
	Junior administrative assistant (disbursing clerk)	1	2,700	1	2,600	0.4	2,500
	Principal stenographer—						
	Clerk	1	2,700	1	2,500	0.4	2,400
	Grade 6, $2,100 to $2,700; average, $2,400—						
	Principal stenographer	1	2,600	1	2,600	1	2,296
	Grade 5, $1,860 to $2,400; average, $2,100—						
	Senior clerk	3	2,100	3	2,133	3.7	2,127
	Senior clerk-stenographer	17	2,100	17	2,047	16.3	2,024
	Grade 4, $1,680 to $2,040; average, $1,860—						
	Clerk	5	1,860	5	1,812	4.9	1,843
	Clerk-stenographer	11	1,860	9	1,800	5.8	1,760
	Grade 3, $1,500 to $1,860; average, $1,680—						
	Clerk	6	1,680	6	1,690	4.5	1,641
	Senior stenographer	10	1,680	13	1,550	5.3	1,603
	Grade 2, $1,320 to $1,680; average, $1,500—						
	Clerk	11	1,500	11	1,467	10	1,439
	Typist	10	1,500	10	1,440	7	1,440
	Stenographer	2	1,500	1	1,620	1.2	1,420
	Grade 1, $1,140 to $1,500; average, $1,320—						
	Underoperator	1	1,320	1	1,200	0.3	1,140
	Underclerk	6	1,320	6	1,250	6.5	1,425
	Underclerk-typist	2	1,320	2	1,140	0.6	1,160
	Head mail clerk	1	1,500	1	1,500	0.9	1,500
	Mail clerk	1	1,440	1	1,440	1.9	1,167
	Custodial service—						
	Grade 4, $1,140 to $1,500; average, $1,320—						
	Head messenger	1	1,440	1	1,380	1	1,365
	Grade 3, $1,020 to $1,260; average, $1,140—						
	Messenger	6	1,140	6	1,120	4.1	1,135
	Special appointment—						
	Digest clerk					2	500
	Total average number of employees	155		155		116	
01	Total salaries, departmental service		511,940.00		500,000.00		367,511.59
	The difference between 1929 and 1928 is due to net increase in salaries, $11,940.						
02	Stationery and office supplies		7,500.00		8,250.00		11,946.23
	Communication service:						
0500	Telegraph service		500.00		300.00		250.39
0510	Telephone service		3,250.00		2,750.00		2,613.00
0520	Other communication service		250.00		250.00		180.00
05	Total communication service		4,000.00		3,300.00		3,043.39
	Travel expenses:						
0615	Transportation		10,000.00		12,000.00		8,877.25
0616	Subsistence		19,000.00		18,000.00		11,310.39
06	Total travel expenses		29,000.00		30,000.00		20,187.64
08	Printing and binding, stenographic work, typewriting, and mimeograph work (job work)		60,000.00		63,000.00		59,551.64
09	Advertising		240.00		250.00		
11	Rent of building structures		57,000.00		51,250.00		49,238.99
12	Repairs and alterations		2,000.00		1,000.00		3,117.57
13	Special miscellaneous expenses		2,000.00		690.00		721.35
	Equipment:						
3010	Furnishings and fixtures		4,600.00		3,000.00		12,339.02
3020	Educational and scientific equipment		4,460.00		2,000.00		2,440.54
30	Total equipment		9,060.00		7,500.00		14,779.56
							529,872.96
	Unobligated balance						64,351.68
	Reserve				20,000.00		
	Total		682,740.00		682,740.00		594,224.64

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Printing and Binding, Board of Tax Appeals—		
For all printing and binding for the Board of Tax Appeals (*U. S. C., p. 847, sec. 1222; p. 1013, sec. 588; act Feb. 11, 1927, vol. 44, p. 1072*)	$38,000.00	$30,040.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
08 Printing and binding	$38,000.00	$28,040.00	$19,639.59
Reserve		2,000.00	
Total	38,000.00	30,040.00	19,639.59

Total, Board of Tax Appeals	720,740.00	712,780.00

BUREAU OF EFFICIENCY

Salaries and Expenses, Bureau of Efficiency—

For chief of bureau, and other personal services in the District of Columbia, in accordance with the classification act of 1923; *contract stenographic reporting services;* contingent expenses, including traveling expenses; [per diem in lieu of subsistence;] supplies; stationery; purchase and exchange of equipment; not to exceed $100 for law books, books of reference, and periodicals; and not to exceed $150 for street-car fare; in all, $210,000, of which amount not to exceed [$205,540] *$202,540* may be expended for personal services in the District of Columbia (*U. S. C., p. 65, sec. 646; acts July 3, 1916, vol. 40, p. 768, sec. 1; Feb. 11, 1927, vol. 44, p. 1072*) 210,000.00 210,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Clerical, administrative, and fiscal service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 14, $7,500 and over—						
Special executive officer (chief of bureau)	1	$7,500	1	$7,500	0.3	$7,500
Expert in land records					(1)	7,500
Grade 13, $6,000 to $7,500; average, $6,750—						
Executive officer (chief of bureau)					0.7	7,500
Executive officer (assistant bureau chief)	1	6,500	1	6,500	0.3	6,000
Grade 12, $5,200 to $6,000; average, $5,600—						
Senior administrative officer (assistant bureau chief)					0.7	6,090
Chief investigator	5	5,400	4	5,275	5	5,327
Grade 11, $3,800 to $5,000; average, $4,400—						
Assistant chief investigator	11	4,250	9	4,250	7.7	4,163
Grade 10, $3,300 to $3,900; average, $3,600—						
Senior investigator	2	3,500	4	3,400	3	3,600
Grade 9, $3,000 to $3,600; average, $3,300—						
Investigator	10	3,200	12	3,175	4.8	3,241
Grade 7, $2,400 to $3,000; average, $2,700—						
Assistant investigator	10	2,600	14	2,535	9	2,634
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	3	2,350	2	2,300	1.5	2,333
Grade 5, $1,860 to $2,400; average, $2,100—						
Senior investigating assistant	1	2,200			0.7	2,024
Head stenographer	1	2,000	1	2,000	0.5	1,920
Senior clerk			1	2,200	0.8	2,300
Senior clerk-stenographer					0.5	2,300
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	1	1,800	2	1,800	1	2,040
Office draftsman	1	2,040	1	2,040	1	2,040
Principal stenographer			2	1,860	0.5	1,850
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	1	1,500	2	1,700	1	1,667
Senior stenographer	3	1,600	2	1,800	1.7	1,725
Assistant clerk-stenographer	1	1,620	1	1,500	1	1,560
Statistical clerk	2	1,680			1.5	1,411
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	1	1,380			0.1	1,458
Junior clerk-typist	1	1,320			0.7	1,347
Junior stenographer	1	1,500	2	1,680	0.1	1,723
Senior typist			1	1,440		
Junior operating office devices			1	1,440		
Grade 1, $1,140 to $1,500; average, $1,320—						
Junior typist	1	1,320	1	1,440	1.4	1,426
Under clerk	1	1,140	1	1,440	1	1,440
Professional and scientific service—						
Grade 5, $5,200 to $6,000; average, $5,600—						
Senior scientist					0.3	5,792
Grade 4, $3,800 to $5,000; average, $4,400—						
Scientist	2	4,400	1	4,600	1.9	4,329
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate scientist	1	3,100			0.8	2,832

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Bureau of Efficiency—Continued.

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Departmental service—Continued.						
	Salaries—Continued.						
	Subprofessional service—	*Average—*		*Average—*		*Average—*	
	Grade 2, $1,140 to $1,500; average, $1,320—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Under laboratory apprentice	1	$1,320			0.4	$1,188
	Grade 1, $900 to $1,260; average, $1,080—						
	Minor laboratory apprentice			1	$1,080	0.6	908
	Custodial service—						
	Grade 3, $1,020 to $1,260; average, $1,140—						
	Messenger	3	1,180	3	1,180	3	1,180
	Total average number of employees	66		70		53.5	
01	Total salaries, departmental service		202,540.00		205,540.00		165,824.72
	Supplies and materials:						
0200	Stationery and office supplies		500.00		1,100.00		467.46
0280	Sundry supplies		85.00		100.00		64.49
02	Total supplies and materials		585.00		1,200.00		531.95
	Communication service:						
0500	Telegraph service		25.00		25.00		31.98
0510	Telephone service		700.00		600.00		684.16
05	Total communication service		725.00		625.00		716.14
	Travel expenses:						
0615	Transportation		2,000.00		500.00		3,007.49
0616	Subsistence		1,800.00		400.00		2,854.74
06	Total travel expenses		3,800.00		900.00		5,862.23
07	Freight, express, and drayage						32.18
08	Photographing and photographs and prints		50.00		50.00		45.60
12	Repairs and alterations		100.00		300.00		71.18
13	Special and miscellaneous current expenses		200.00		265.00		155.72
30	Furniture, furnishings, and fixtures		2,000.00		1,120.00		6,650.40
	Total				205,000.00		179,890.12
	Unobligated balance						30,109.88
	Reserve				5,000.00		
	Total		210,000.00		210,000.00		210,000.00

[1] Employed for 2 days at $7,500.

Printing and Binding, Bureau of Efficiency—

For all printing and binding for the Bureau of Efficiency (*U. S. C., p. 1013, sec. 588; acts Mar. 20, 1922, vol. 42, p. 436, sec. 1; Feb. 11, 1927, vol. 44, p. 1072*) $350.00 $350.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
0200	Stationery and office supplies	$50.00	$50.00	$43.25
0800	Printing and binding	300.00	280.00	286.69
	Total		330.00	329.94
	Unobligated balance			20.06
	Reserve		20.00	
	Total	350.00	350.00	350.00

Total, Bureau of Efficiency 210,350.00 210,350.00

CIVIL SERVICE COMMISSION

Salaries, Civil Service Commission—

Salaries: For three commissioners at $7,500 each per annum, and other personal services in the District of Columbia in accordance with the classification act of 1923 (*U. S. C., p. 63, sec. 632; p. 1887, sec. 705a; act Feb. 11, 1927, vol. 44, p. 1072*) 578,160.00 506,500.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries, Civil Service Commission—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Clerical, administrative, and fiscal service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 14, $7,500 and over—						
Special executive officer (commissioner)	3	$7,500	3	$7,500	1	$7,500
Grade 13, $6,000 to $7,500; average, $6,750—						
Executive officer (commissioner)					2	6,667
Grade 12, $5,200 to $6,000; average, $5,600—						
Senior administrative officer (alternate member of Personnel Classification Board)	1	5,200	1	5,200	1	5,200
Grade 11, $3,800 to $5,000; average, $4,400—						
Administrative officer—						
Secretary	1	4,200	1	4,200	1	4,200
Assistant chief examiner and Budget officer	1	4,200	1	4,200	1	4,200
Chief of division	3	4,000	3	4,000	3	4,000
Grade 10, $3,300 to $3,900; average, $3,600—						
Senior editor	1	3,600	1	3,600	1	3,600
Junior administrative officer	1	3,600	1	3,300	0.3	3,300
Grade 9, $3,000 to $3,600; average, $3,300—						
Senior administrative assistant—						
Assistant chief of division	4	3,100	4	3,100	4	3,100
Chief, office of accounts and purchases	1	3,100	1	3,100	1	3,100
Personnel officer	1	3,000	1	3,000	1	3,000
Oral examiner	10	3,000				
Accountant and auditor	1	3,100	1	3,100	1	3,100
Grade 8, $2,700 to $3,300; average, $3,000—						
Administrative assistant—						
Special disbursing officer	1	2,900	1	2,900	1	2,900
Assistant chief of division	1	2,800	1	2,800	1	2,800
Section chief	2	2,700	1	2,700	1	2,700
Assistant to commissioners	1	2,700	1	2,700	1	2,700
Contact representative	1	2,900	1	2,900	1	2,900
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant—						
Examiner					0.8	2,700
Chief of section	3	2,633	3	2,633	3	2,633
Investigator	1	2,400	1	2,400		
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk—						
Assistant special disbursing officer	1	2,400	1	2,400	1	2,400
Assistant section chief	1	2,300	1	2,200	1	2,200
Examiner	1	2,400	1	2,300	2	2,250
Assistant editor	1	2,300	1	2,300	1	2,300
Assistant chief, office of accounts and purchases	1	2,200	1	2,200	1	2,200
Principal clerk	5	2,300	5	2,260	4	2,300
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	19	2,105	18	2,101	19	2,096
Senior clerk-stenographer	4	2,130	4	2,010	3.8	2,040
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	39	1,860	34	1,828	30.4	1,834
Clerk-stenographer	5	1,860	5	1,760	4.2	1,792
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	46	1,680	43	1,635	43.5	1,618
Senior stenographer	17	1,680	17	1,596	15.4	1,582
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	33	1,500	31	1,452	35	1,462
Junior clerk-typist	10	1,500	8.7	1,357	9.5	1,341
Junior operator office devices	1	1,500	1	1,320	1	1,345
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	6	1,240	4	1,200	10.8	1,190
Underoperator office devices	2	1,410	2	1,410	2	1,384
Professional and scientific service—						
Grade 6, $6,000 to $7,500; average, $6,750—						
Chief scientist (chief examiner)	1	6,000	1	6,000	0.3	6,000
Grade 5, $5,200 to $6,000; average, $5,600—						
Senior scientist—						
Chief examiner					0.6	5,400
Chief of research division	1	5,200	1	5,200	1	5,200
Grade 4, $3,800 to $5,000; average, $4,400—						
Scientist—						
Chief of examining division	1	4,200	1	4,200	1	4,200
Assistant to chief examiner	1	3,800	1	3,800	1	3,800
Consulting examiner	2	3,800	2	3,800	2	3,800
Medical officer	1	3,800	1	3,800	0.6	3,800
Research	1	3,800				
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate scientist—						
Assistant chief of examining division	1	3,100	1	3,100	1	3,100
Examiner	2	3,100	2	3,100	2	3,100
Associate engineer (examiner)	2	3,050	2	3,050	1.9	3,050
Associate medical officer					0.4	3,200
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant scientist—						
Examiner	6	2,467	6	2,467	5.6	2,414
Research	1	2,400				
Grade 1, $1,860 to $2,400; average, $2,111.42—						
Junior scientist—						
Examiner	5	2,100	4	1,875	4.8	1,905
Research	1	1,860				
Subprofessional service—						
Grade 6, $1,860 to $2,400; average, $2,111.42—						
Senior library assistant	1	2,100	1	1,920	1	1,920
Senior scientific aid	1	2,100	1	1,920	1	1,920
Grade 5, $1,680 to $2,040; average, $1,860—						
Scientific aid (examiner)	2	1,860	2	1,740	1.6	1,738

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries, Civil Service Commission—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service—Continued.						
Salaries—Continued.						
Custodial service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 7, $1,680 to $2,040; average, $1,860—						
Senior mechanic	1	$1,860	1	$1,860	1	$1,860
Grade 4, $1,140 to $1,500; average, $1,320—						
Undermechanic	2	1,320	2	1,290	2	1,290
Grade 3, $1,020 to $1,260; average, $1,140—						
Minor mechanic	1	1,200	3	1,200	3	1,200
Messenger	5	1,104	5	1,092	4.9	1,046
Grade 2, $900 to $1,140; average, $1,020—						
Assistant messenger	5	1,020	4	924	5.1	922
Grade 1, $600 to $780; average, $690—						
Junior messenger	8	690	8	623	10.2	610
Total average number of employees	282		253.7		262.7	
01 Total salaries, departmental service		578,160.00		501,500.00		503,802.16
Unobligated balance						637.84
Reserve				5,000.00		
Total		578,160.00		506,500.00		504,440.00
The difference between 1929 and 1928 is due to—						
Increase in force	$57,126					
Increase in salaries	14,534					
Total increase	71,660					

Salaries, Field Force, Civil Service Commission—

Field force: For salaries of the field force (*act Feb. 11, 1927, vol. 44, p. 1073*) $334,000.00 $330,000.00

Except for one person detailed for part-time duty in the district office at New York City, no details from any executive department or independent establishment in the District of Columbia or elsewhere to the commission's central office in Washington or to any of its district offices shall be made during the fiscal year ending June 30, [1928] *1929*; but this shall not affect the making of details for service as members of boards of examiners outside the immediate offices of the district secretaries. The Civil Service Commission shall have power in case of emergency to transfer or detail any of its employees herein provided for to or from its office or field force (*same act*).

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $3,800 to $5,000; average, $4,400—						
District secretary	5	$4,000	4	$4,000	4	$4,000
Salary range, $3,300 to $3,900; average, $3,600—						
District secretary	8	3,588	8	3,588	8	3,588
Salary range, $3,000 to $3,600; average, $3,300—						
Assistant district secretary	2	3,050	2	3,050	2	3,050
Salary range, $2,700 to $3,300; average, $3,000—						
Assistant district secretary	7	2,757	7	2,757	7.2	2,764
Administrative assistant (chief clerk)	1	3,000	1	3,000	1	3,000
Salary range, $2,400 to $3,000; average, $2,700—						
Assistant district secretary	4	2,450	4	2,450	4	2,450
Salary range, $2,100 to $2,700; average, $2,400—						
Principal clerk	3	2,300	3	2,300	3.1	2,221
Salary range, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	11	1,993	11	1,993	10.9	1,999
Salary range, $1,680 to $2,040; average, $1,860—						
Clerk	33	1,842	33	1,842	36.8	1,841
Clerk-stenographer	7	1,791	7	1,791	7	1,791
Salary range, $1,500 to $1,860; average, $1,680—						
Assistant clerk	43	1,658	45.6	1,649	41.4	1,668
Senior stenographer	16	1,583	16	1,583	16	1,590
Salary range, $1,320 to $1,680; average, $1,500—						
Junior clerk	21	1,420	19.7	1,435	19.5	1,415
Junior clerk-typist	7	1,371	7	1,371	6.1	1,362
Junior operator office devices	1	1,320	1	1,320	1	1,320
Salary range, $1,140 to $1,500; average, $1,320—						
Underclerk	5	1,181	2.9	1,209	2.9	1,157
Salary range, $900 to $1,140; average, $1,020—						
Assistant messenger	1	900	1.1	927	2	904
Salary range, $600 to $780; average, $690—						
Junior messenger	1	720	1	720	0.8	720
Total average number of employees	176		174.3		173.7	
01 Total salaries and wages, field service		334,000.00		330,000.00		329,902.18
Unobligated balance						97.82
Total		334,000.00		330,000.00		330,000.00
The difference between 1929 and 1928 is due to increase in force, $4,000.						

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Salaries, Expert Examiners, Civil Service Commission—		
For employment of expert examiners not in the Federal service to prepare questions and rate papers in examinations on special subjects for which examiners within the service are not available (*act Feb. 11, 1927, vol. 44, p. 1073*)	$2,000.00	$2,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average—		*Average*—		*Average*—	
	No.	*Rate*	*No.*	*Rate*	*No.*	*Rate*
01 Salaries, expert examiners	12	[1] $5–$20	12	[1] $5–$20	11	[2] $1,880.79

[1] Per diem.
[2] Per annum.

Salaries and Expenses, Presidential Postmaster Examinations, Civil Service Commission—

For examination of presidential postmasters, including travel, stationery, contingent expenses, additional examiners and investigators, and other necessary expenses of examinations, $26,000, of which amount not to exceed $22,000 may be expended for personal services in the District of Columbia (*act Feb. 11, 1927, vol. 44, p. 1073*) 26,000.00 26,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Clerical, administrative, and fiscal service—	*Average*—		*Average*—		*Average*—	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant (examiner)	1	$2,500	1	$2,500	1	$2,500
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	2	2,050	2	2,050	2	2,050
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	1	1,740	1	1,740	1	1,740
Clerk-stenographer	2	1,830	2	1,830	2	1,830
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	1.1	1,500	1.1	1,500	1.1	1,620
Senior stenographer	2	1,710	2	1,710	2	1,683
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	2.3	1,540	2.3	1,540	1.6	1,488
Junior clerk-typist	1	1,320	1	1,320	1	1,540
Total average number of employees	12.4		12.4		11.7	
01 Total salaries, departmental service		22,000.00		22,000.00		21,045.55
Supplies and materials:						
0201 Stationery		25.00		25.00		
0202 Sundry office supplies		25.00		25.00		14.04
02 Total supplies and materials		50.00		50.00		14.04
Travel expenses:						
0600 Transportation		1,400.00		1,100.00		1,645.94
0640 Subsistence		1,870.00		1,470.00		2,077.35
0690 Special and miscellaneous expenses, not specified		30.00		30.00		30.37
06 Total travel expenses		3,300.00		2,600.00		3,753.66
30 Equipment		650.00		350.00		685.18
Total				25,000.00		25,498.43
Unobligated balance						501.57
Reserve				1,000.00		
Total		26,000.00		26,000.00		26,000.00

Traveling Expenses, Civil Service Commission—

For necessary traveling expenses, including those of examiners acting under the direction of the commission and for expenses of examinations and investigations held elsewhere than at Washington, and including not exceeding $1,000 for expenses of attendance at meetings of public officials when specifically directed by the commission (*act Feb. 11, 1927, vol. 44, p. 1073*) 32,000.00 20,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Traveling Expenses, Civil Service Commission—Continued.		

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
0600	Transportation	$13,000.00	$8,000.00	$7,058.88
0640	Subsistence	17,000.00	9,500.00	9,474.35
0690	Special and miscellaneous expenses, not specified	2,000.00	1,500.00	1,465.98
			19,000.00	17,999.21
	Unobligated balance			.79
	Reserve		1,000.00	
	Total	32,000.00	20,000.00	18,000.00

Contingent Expenses, Civil Service Commission—

For contingent and miscellaneous expenses of the Civil Service Commission, including furniture and other equipment and repairs thereto; supplies; advertising; telegraph, telephone, and laundry service; freight and express charges; street-car fares not to exceed $200; stationery; purchase and exchange of law books, books of reference, directories, payment in advance for subscriptions to newspapers and periodicals, not to exceed $1,000; charts; purchase, exchange, maintenance and repair of motor trucks, motor cycles, and bicycles; [maintenance and repair of a motor-propelled passenger-carrying vehicle to be used only for official purposes;] garage rent; postage stamps to prepay postage on matter addressed to Postal Union countries; special-delivery stamps; and other like miscellaneous necessary expenses not hereinbefore provided for; in all (*U. S. C., p. 1309, sec. 6; act Feb. 11, 1927, vol. 44, p. 1073*)..... $44,000.00 $40,350.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Supplies and materials:			
0201	Stationery, including paper, envelopes, index cards, folder, paper articles, blotting paper, carbon paper, etc	$11,950.00	$11,300.00	$11,908.24
0202	Sundry office supplies, including pens, pencils, eradicators, ink, binders, rubber stamps, supplies for office machines, adhesive material, etc	3,500.00	3,500.00	2,880.87
0210	Medical and hospital supplies	40.00	40.00	39.33
0220	Scientific and educational supplies	350.00	350.00	321.33
0280	Sundry supplies	650.00	650.00	631.94
0290	Materials not allocated	240.00	240.00	213.22
02	Total supplies and materials	16,730.00	16,080.00	15,994.93
04	Storage and care of motor vehicles	1,500.00	3,000.00	2,770.63
	Communication service:			
0501	Telegraph service	1,000.00	1,000.00	883.14
0510	Telephone service	6,000.00	6,000.00	5,802.01
0520	Postal service	175.00	175.00	167.40
05	Total communication service	7,175.00	7,175.00	6,852.55
	Transportation of things (service):			
0700	Freight and express	750.00	750.00	698.09
0730	Local transportation	125.00	125.00	114.65
0780	Special miscellaneous charges	110.00	110.00	110.00
07	Total transportation	985.00	985.00	922.74
	Repairs and alterations:			
1280	Machinery and equipment	575.00	575.00	572.44
1290	Special and miscellaneous	125.00	125.00	121.39
12	Total repairs and alterations	700.00	700.00	693.83
13	Special and miscellaneous current expenses	540.00	540.00	532.29
	Equipment:			
3010	Furniture, furnishings, etc	15,905.00	9,905.00	9,800.13
3020	Educational equipment	25.00	25.00	18.19
3021	Library stock	400.00	400.00	362.36
3050	Other equipment	40.00	40.00	30.77
30	Total equipment	16,370.00	10,370.00	10,211.45
			38,850.00	37,978.42
	Unobligated balance			581.58
	Reserve		1,500.00	
	Total	44,000.00	40,350.00	38,560.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Rent, Civil Service Commission— For rent of building for the Civil Service Commission, $24,592, if space can not be assigned by the Public Buildings Commission in other buildings under the control of that commission (*act Feb. 11, 1927, vol. 44, p. 1073*)	$24,592.00	$24,592.00
1101 Rent of office building: Expenditures, 1929, $24,592; 1928, $24,592; 1927, $24,592.		
Printing and Binding, Civil Service Commission— For all printing and binding for the Civil Service Commission, including all of its bureaus, offices, institutions, and services located in Washington, District of Columbia, and elsewhere (*U. S. C., p. 1013, sec. 588; act Feb. 11, 1927, vol. 44, p. 1073*)	58,000.00	58,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
0211 Printed forms and letterheads	$51,000	$49,000	$48,186
0800 Printing, and binding (annual reports, pamphlets, etc., and binding)	7,000	7,000	7,544
		56,000	55,730
Unobligated balance			2,270
Reserve		2,000	
Total	58,000	58,000	58,000

Total, Civil Service Commission	1,098,752.00	1,007,442.00

COMMISSION OF FINE ARTS

Expenses, Commission of Fine Arts— For expenses made necessary by the act entitled "An act establishing a Commission of Fine Arts," approved May 17, 1910, including the purchase of periodicals, maps, and books of reference, and payment of actual traveling expenses of the members and secretary of the commission in attending meetings of the commission either within or outside of the District of Columbia, to be disbursed on vouchers approved by the commission, $7,000, of which amount not to exceed $3,900 may be expended for personal services in the District of Columbia (*U. S. C., p. 1295, sec. 104; p. 1296, secs. 105, 106; act Feb. 11, 1927, vol. 44, p. 1073*)	7,000.00	7,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Clerical, administrative, and fiscal service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 8, $2,700 to $3,300; average, $3,000—						
Administrative assistant (secretary)	1	$3,000	1	$3,000	1	$2,591
Custodial service—						
Grade 2, $900 to $1,140; average, $1,020—						
Assistant messenger (messenger boy)	1	900	1	900	1	726
Total number of employees	2		2		2	
01 Total salaries, departmental service		3,900		3,900		3,317
02 Supplies and materials (stationery and office supplies)		225.00		225.00		337.41
Communication service:						
0500 Telegraph service		50.00		50.00		38.03
0510 Telephone service		75.00		75.00		50.85
05 Total, communication service		125.00		125.00		88.88
06 Travel expenses		2,400.00		2,400.00		1,987.04
08 Photographing and photographs and prints		350.00		350.00		567.32
						6,297.58
Unobligated balance						2.42
Total		7,000.00		7,000.00		6,300.00

Printing and Binding, Commission of Fine Arts— For all printing and binding for the Commission of Fine Arts (*U. S. C., p. 1013, sec. 588; p. 1295, sec. 104; p. 1296, secs. 105, 106; act Feb. 11, 1927, vol. 44, p. 1073*)	300.00	300.00
08 Printing and binding: Expenditures: 1929, $300; 1928, $300; 1927, $292.80.		
Total, Commission of Fine Arts	7,300.00	7,300.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
EMPLOYEES' COMPENSATION COMMISSION		
Salaries and Expenses, United States Employees' Compensation Commission—[Salaries:] For three commissioners and other personal services in the District of Columbia in accordance with the classification act of 1923, including not to exceed $1,000 for temporary experts and assistants in the District of Columbia and elsewhere, to be paid at the rate not exceeding $8 per day, *and for personal services in the field;* [Contingent expenses:] for furniture and other equipment and repairs thereto; law books, books of reference, periodicals; stationery and supplies; traveling expenses; *fees and mileage of witnesses; contract stenographic reporting services; rent;* and for miscellaneous items (*U. S. C., p. 80, sec. 782; acts Feb. 11, 1927, vol. 44, p. 1074; Mar. 4, 1927, vol. 44, pp. 1424–1446*)	$460,000.00	$144,540.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Clerical, administrative, and fiscal service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 13, $6,000 to $7,500; average, $6,750—						
Executive officer (commissioner)	3	$6,666	3	$6,666	0.5	$6,000
Grade 12, $5,200 to $6,000; average, $5,600—						
Senior administrative officer—						
Commissioner					2.5	5,600
Chief accountant	1	5,600	1	5,600		
Grade 10, $3,300 to $3,900; average, $3,600—						
Junior administrative officer (secretary)	1	3,600			0.6	3,278
Grade 9, $3,000 to $3,600; average, $3,300—						
Senior administrative assistant—						
Secretary					0.4	3,166
Statistician	1	3,500	1	3,500	1	3,500
Chief of division	1	3,000	1	3,000	0.3	3,000
Grade 8, $2,700 to $3,300; average, $3,000—						
Administrative assistant (chief of division)					0.7	2,900
Grade 7, $2,400 to $3,000; average, $2,700—						
Administrative assistant—						
Assistant in charge of division	1	2,700	1	2,700	1	2,500
Assistant chief of division	1	2,600	1	2,600	0.3	2,500
Investigator	1	2,700			0.7	2,400
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk—						
Chief of division	1	2,500	1	2,500	1	2,400
Assistant chief claim examiner					0.7	2,500
Assistant chief of division	1	2,100	1	2,100	0.8	2,110
Assistant secretary	1	2,100				
Grade 5, $1,860 to $2,400; average, $2,130—						
Senior clerk—						
Cashier	1	2,100	1	2,100	1	2,000
Claim examiner	6	2,080	6	2,080	6.3	2,010
Secretary	4	1,860	1	1,860		
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	5	1,848	5	1,848	4.3	1,847
Medical claim examiner	7	1,866	7	1,866	7	1,792
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	13	1,611	5	1,611	8.7	1,673
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk-stenographer	23	1,405	19	1,404	18	1,449
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	10	1,212	9	1,212	9.3	1,239
Professional service—						
Grade 6, $6,000 to $7,500; average, $6,750—						
Chief attorney (chief counsel)	1	7,000				
Grade 5, $5,200 to $6,000; average, $5,600—						
Senior engineer (safety engineer)	1	5,200				
Grade 4, $3,800 to $5,000; average, $4,400—						
Attorney	2	4,400	1	4,400	1	4,000
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant attorney	1	2,500	1	2,500	1	2,400
Custodial service—						
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger	1	1,260	1	1,260	1	1,200
Total average number of employees	88		66		68.1	
Total salaries, departmental service		184,860.00		132,540.00		132,357.47
The difference between 1929 and 1928 is due to increase in force, $52,320.						
Field service:						
Salaries and wages—						
Salary range, $6,000 to $7,500; average, $6,750—						
Supervising deputy	1	6,000				
Salary range, $5,200 to $6,000; average, $5,600—						
Deputy commissioner	16	5,200				
Salary range, $2,400 to $3,000; average, $2,700—						
Investigator	1	2,700				
Salary range, $2,100 to $2,700; average, $2,400—						
Examiner	9	2,400				
Salary range, $1,860 to $2,400; average, $2,130—						
Clerk-secretary	15	1,860				
Salary range, $1,500 to $1,860; average, $1,680—						
Clerk-stenographer	15	1,500				
Salary range, $1,140 to $1,500; average, $1,320—						
Messenger	1	1,140				
Total average number of employees	58					
Total salaries and wages, field service		169,040.00				
0132 Witness fees		4,000.00				
01 Total personal services		357,900.00		132,540.00		132,357.47

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, United States Employees' Compensation Commission—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Supplies and materials:			
0200	Stationery and office supplies	$5,500.00	$1,900.00	$1,858.25
0220	Scientific and educational supplies	500.00	75.00	93.28
02	Total supplies and materials	6,000.00	1,975.00	1,951.53
	Communication service:			
0500	Telegraph service	2,300.00	225.00	263.67
0510	Telephone service	1,520.00	450.00	288.77
0520	Other communication service	180.00	25.00	90.00
05	Total communication service	4,000.00	700.00	642.44
	Travel expenses:			
0615	Transportation	24,000.00	4,200.00	3,783.32
0616	Subsistence	16,000.00	2,800.00	2,436.65
06	Total travel expenses	40,000.00	7,000.00	6,219.97
08	Contract service (reporting hearings)	25,000.00		
	Rents:			
1100	Rent of buildings	10,760.00		
1110	Other rents	2,340.00	550.00	402.16
11	Total rents	13,100.00	550.00	402.16
12	Repairs (miscellaneous equipment)	500.00	200.00	264.11
13	Special and miscellaneous current expenses	2,000.00	25.00	46.62
21	Medical examinations	3,500.00		
	Equipment:			
3010	Furniture, furnishings, and fixtures	1,000.00		
3017	Office machine and devices	1,000.00	700.00	218.00
3018	Desk equipment, etc			196.10
3020	Educational equipment	4,000.00	150.00	177.95
3024	Files and bookcases	2,000.00	700.00	419.80
30	Total equipment	8,000.00	1,550.00	1,011.85
	Total	460,000.00	144,540.00	142,896.15

Printing and Binding, United States Employees' Compensation Commission—

For all printing and binding for the Employees' Compensation Commission (*U. S. C., p. 80, sec. 782; p. 1013, sec. 588; acts Feb. 11, 1927, vol. 44, p. 1074; Mar. 4, 1927, vol. 44, pp. 1424–1446*) ..... $15,000.00 | $3,700.00

08 Printing and binding: Expenditures—1929, $15,000; 1928, $3,700; 1927, $2,965.70.

Employees' Compensation Fund—

Employees' compensation fund: For the payment of compensation provided by "An act to provide compensation for employees of the United States suffering injuries while in the performance of their duties, and for other purposes," approved September 7, 1916, including medical examinations, traveling and other expenses, and loss of wages payable to employees under sections 21 and 22; all services, appliances, and supplies provided by section 9, as amended, including payments to Army and Navy hospitals; the transportation and burial expenses provided by sections 9 and 11; and advancement of costs for the enforcement of recoveries provided in sections 26 and 27 where necessary, accruing during the fiscal year [1928] *1929* or in prior fiscal years (*U. S. C., p. 80, sec. 785; acts June 26, 1926, vol. 44, p. 772; Feb. 11, 1927, vol. 44, p. 1074; Feb. 12, 1927, vol. 44, p. 1086*) ..... 3,200,000.00 | 2,550,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Injury compensation	$1,452,000.00	$1,482,000.00	$1,211,140.51
Lump-sum awards (injury)	95,600.00	168,000.00	83,956.59
Medical transportation and supplies	396,000.00	420,000.00	413,301.62
Transportation, sec. 9	22,800.00	22,800.00	23,282.78
Death compensation	1,192,800.00	1,135,200.00	860,822.31
Lump-sum awards (death)	3,600.00	3,600.00	662.64
Burial expenses	30,000.00	36,000.00	16,283.00
Embalming and transportation, sec. 11	4,800.00	4,800.00	5,550.43
Court costs	2,400.00	2,400.00	1,581.94
21 Total	3,200,000.00	3,274,800.00	2,616,581.88

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Employees' Compensation Fund—Continued.

Comparison of average monthly cost for the fiscal years 1924 to 1927, inclusive, with the estimated cost for 1928 and 1929

	Net disbursements				Estimates	
	Fiscal year 1924	Fiscal year 1925	Fiscal year 1926	Fiscal year 1927	Estimated monthly average for 1928	Estimated monthly average for 1929
Injury compensation	$84,477.08	$94,333.42	$99,537.53	$100,928.38	$123,500.00	$121,000.00
Lump-sum awards (injury)	13,495.70	9,455.60	11,704.88	6,996.38	14,000.00	7,966.66
Medical treatment and supplies	36,726.79	36,031.19	33,489.04	34,441.80	35,000.00	33,000.00
Transportation, sec. 9	1,961.15	2,087.03	1,903.40	1,940.23	1,900.00	1,900.00
Death compensation	55,508.08	61,295.73	65,423.71	71,735.19	94,600.00	99,400.00
Lump-sum awards death)	123.80	38.03	546.69	55.22	300.00	300.00
Burial expenses	1,727.42	1,571.25	1,802.55	1,356.92	3,000.00	2,500.00
Embalming and transportation, sec. 11	347.75	326,40	523.40	462.54	400.00	400.00
Net court costs	92.80	124.91	183.73	131.83	200.00	200.00
Total per month	194,460.57	205,263.56	215,114.93	218,048.49	272,900.00	266,666.66
Total per year	2,333,526.82	2,463,162.77	2,581,379.17	2,616,581.88	3,274,800.00	3,200,000.00

NOTE.—The balance in the compensation fund July 1, 1927, was $29,964.05.

The above disbursements are net, after taking into account the refunds received from third party cases under secs. 26 and 27 of the act. The amounts of these refunds were as follows: Fiscal year 1924, $28,629.11; fiscal year 1925, $44,640.19; fiscal year 1926, $29,084; fiscal year 1927, $28,063.24.

Total, Employees' Compensation Commission	$3,675,000.00	$2,698,240.00

FEDERAL BOARD FOR VOCATIONAL EDUCATION

Permanent appropriations:

Cooperative Vocational Education in Agriculture (U. S. C., p. 609, sec. 12)	3,027,000.00	3,027,000.00
Cooperative Vocational Education in Trades and Industries (U. S. C., p. 609, sec. 13)	3,050,000.00	3,050,000.00
Cooperative Vocational Education, Teachers, etc. (U. S. C., p. 610, sec. 14)	1,090,000.00	1,090,000.00
Salaries and Expenses, Federal Board for Vocational Education (U. S. C., p. 610, sec. 15)	200,000.00	200,000.00

That there is hereby annually appropriated, out of any money in the Treasury not otherwise appropriated, the sums provided in sections 2, 3, and 4 of this act, to be paid to the respective States for the purpose of cooperating with the States in paying the salaries of teachers, supervisors, and directors of agricultural subjects, and teachers of trade, home economics, and industrial subjects; and in the preparation of teachers of agricultural, trade, industrial, and home economics subjects; and the sum provided for in section 7 for the use of the Federal Board for Vocational Education for the administration of this act and for the purpose of making studies, investigations, and reports to aid in the organization and conduct of vocational education, which sums shall be expended as hereinafter provided (*U. S. C., p. 610, sec. 17*).

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Grants for educational purposes:			
Cooperative vocational education in agriculture	$2,880,000.00	$2,784,639.00	$2,654,935.67
Cooperative vocational education in trades and industries	2,954,464.00	2,906,274.00	2,884,342.90
Cooperative vocational education in teacher training	1,061,540.00	999,439.00	982,628.28
2201 Total	6,896,004.00	6,690,352.00	6,521,906.85

Departmental service:	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
Grade 6, $6,000 to $7,500; average, $6,750—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Chief educationist (director)	1	$7,500	1	$7,500	1	$7,500
Chief educationist (board member)	3	6,500	3	6,500	2.9	6,580
Grade 5, $5,200 to $6,000; average, $5,600—						
Senior educationist (chief of service)	4	5,600	4	5,500	3.5	5,313
Grade 4, $3,800 to $5,000; average, $4,400—						
Educationist (agents, specialists)	14	4,400	14	4,329	14.3	4,171
Subprofessional service—						
Grade 7, $2,100 to $2,700; average, $2,400—						
Principal engineering draftsman					0.2	2,045

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Federal Board for Vocational Education—Continued.

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
		Average— No.	Salary	Average— No	Salary	Average— No.	Salary
	Departmental service—Continued.						
	Salaries—Continued.						
	Clerical, administrative, and fiscal service—						
	Grade 9, $3,000 to $3,600; average, $3,300—						
	Senior administrative assistant (secretary and chief clerk)	1	$3,400	1	$3,400	1	$3,400
	Grade 7, $2,400 to $3,000; average, $2,700—						
	Assistant editor	1	2,700	1	2,700	1	2,600
	Grade 5, $1,860 to $2,400; average, $2,100—						
	Senior clerk	3	2,100	3	2,100	0.3	2,067
	Grade 4, $1,680 to $2,040; average, $1,860—						
	Principal stenographer	4	1,860	4	1,845	3.8	1,863
	Grade 3, $1,500 to $1,860; average, $1,680—						
	Senior stenographer	5	1,668	7	1,620	7.6	1,584
	Grade 2, $1,320 to $1,680; average, $1,500—						
	Junior operator, office devices	2	1,560	2	1,560	2	1,560
	Custodial service—						
	Grade 7, $1,680 to $2,040; average, $1,860—						
	Senior mechanic	1	1,860	1	1,860	1	1,860
	Grade 3, $1,020 to $1,260; average, $1,140—						
	Minor mechanic	1	1,260	1	1,260	1.8	1,181
	Senior laborer	2	1,080	2	1,050	1.4	1,119
	Messenger	1	1,200	1	1,200	0.4	1,188
	Guard (watchman)	1	1,080	1	1,080	1	1,020
	Grade 2, $900 to $1,140; average, $1,020—						
	Junior laborer	2	960	2	960	2	960
	Total average number of employees	46		48		45.2	
01	Total salaries, departmental service		151,780.00		153,260.00		148,653.97
	The difference between 1929 and 1928 is due to—						
	Decrease in force		$3,240				
	Increase in salaries		1,760				
	Net decrease		1,480				
	Supplies and materials:						
0200	Stationery and office supplies		400.00		490.00		873.18
0210	Medical supplies		10.00		10.00		2.90
0220	Educational supplies		25.00		25.00		
0230	Fuel		1,000.00		1,025.00		967.79
0280	Sundry supplies		525.00		525.00		526.70
0290	Materials				25.00		15.19
02	Total supplies and materials		1,960.00		2,100.00		2,385.76
	Communication service:						
0500	Telegraph service		700.00		700.00		694.95
0510	Telephone service		800.00		850.00		847.29
0520	Other communication service		30.00		30.00		10.00
05	Total communication service		1,530.00		1,580.00		1,552.24
06	Travel expenses		38,600.00		35,250.00		34,879.02
07	Transportation of things (service)		40.00		50.00		47.60
08	Printing, lithographing, and photographic prints		5,900.00		6,400.00		5,827.55
10	Furnishing of light and power		1,300.00		1,300.00		1,252.19
12	Repairs and alterations		50.00		50.00		82.19
13	Special and miscellaneous current expense		440.00		450.00		438.73
	Equipment:						
3010	Furniture, furnishings, and fixtures		200.00		200.00		241.74
3020	Educational equipment		150.00		150.00		144.73
3050	Other equipment		50.00		50.00		300.80
30	Total equipment		400.00		400.00		687.27
			202,000.00		200,840.00		195,806.52
	Deduct amount received from the Housing Corporation		2,000.00		2,000.00		2,025.00
					198,840.00		193,781.52
	Unobligated balance						6,218.48
	Reserve				1,160.00		
	Total		200,000.00		200,000.00		200,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object		Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Annual appropriations:			
Promotion of Vocational Education in Hawaii—			
Cooperative vocational education in agriculture	$10,000.00		
Cooperative vocational education in trades and industries	10,000.00		
Cooperative vocational education, teachers, etc	10,000.00		
For extending to the Territory of Hawaii the benefits of the act entitled "An act to provide for the promotion of vocational education; to provide for cooperation with the States in the promotion of such education in agriculture and the trades and industries; to provide for cooperation with the States in the preparation of teachers of vocational subjects; and to appropriate money and regulate its expenditure," approved February 23, 1917, in accordance with the provisions of the act entitled "An act to extend the provisions of certain laws to the Territory of Hawaii," approved March 10, 1924 (*U. S. C., p. 612, sec. 29; act Feb. 11, 1927, vol. 44, p. 1074*)		$30,000.00	$30,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
2201 Grants for educational purposes, Territory of Hawaii:			
Cooperative vocational education in agriculture	$10,000.00	$10,000.00	$8,188.69
Cooperative vocational education in trades and industries	10,000.00	10,000.00	8,299.17
Cooperative vocational education in teacher training	10,000.00	10,000.00	9,647.68
			26,135.54
Unobligated balance			3,864.46
Total	30,000.00	30,000.00	30,000.00

Cooperative Vocational Rehabilitation of Persons Disabled in Industry—			
For carrying out the provisions of the act entitled "An act to provide for the promotion of vocational rehabilitation of persons disabled in industry or otherwise and their return to civil employment," approved June 2, 1920, as amended by the act of June 5, 1924, [$700,000] *$750,000: Provided*, That the apportionment to the States shall be computed on the basis of not to exceed $1,034,000, as authorized by the act approved June 2, 1920, as amended by the act approved June 5, 1924 (*U. S. C., p. 949, sec. 35; p. 948, sec. 31; act Feb. 11, 1927, vol. 44, p. 1074*)		750,000.00	700,000.00
2204 Grants for vocational rehabilitation of persons disabled in industry: Expenditures: 1929, $750,000; 1928, $642,715; 1927, $595,529.75.			
Salaries and Expenses, Vocational Rehabilitation of Persons Disabled in Industry—			
For the purpose of making studies, investigations, and reports regarding the vocational rehabilitation of disabled persons and their placements in suitable or gainful occupations, and for the administrative expenses of said board incident to performing the duties imposed by the act of June 2, 1920, as amended by the act of June 5, 1924, including salaries of such assistants, experts, clerks, and other employees, in the District of Columbia or elsewhere, as the board may deem necessary, actual traveling and other necessary expenses incurred by the members of the board and by its employees, under its orders; including attendance at meetings of educational associations and other organizations, rent and equipment of offices in the District of Columbia and elsewhere, purchase of books of reference, law books, and periodicals, payment in advance for subscriptions to newspapers not to exceed $50 per annum, stationery, typewriters and exchange thereof, miscellaneous supplies, postage on foreign mail, printing and binding to be done at the Government Printing Office, and all other necessary expenses, [$68,230] *$73,000*, of which amount not to exceed [$51,710] *$53,720* may be expended for personal services in the District of Columbia (*U. S. C., p. 949, sec. 35; act Feb 11, 1927, vol. 44, p. 1074*)		73,000.00	68,230.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Vocational Rehabilitation of Persons Disabled in Industry—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
Grade 5, $5,200 to $6,000; average, $5,600—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Senior educationist (chief of service)	1	$5,800	1	$5,600	1	$5,600
Grade 4, $3,800 to $5,000; average, $4,400—						
Educationist (agents, specialists)	5	4,400	5	4,360	4.9	4,282
Subprofessional service—						
Grade 5, $1,680 to $2,040; average, $1,860—						
Library assistant	1	1,860	1	1,800	1	1,740
Clerical, administrative, and fiscal service—						
Grade 9, $3,000 to $3,600; average, $3,300—						
Editor					0.2	2,460
Grade 5, $1,860 to $2,400; average, $2,100—						
Senior clerk-stenographer	1	2,200	1	2,200	1	2,200
Senior clerk	2	2,050	2	2,050	3	1,991
Grade 4, $1,680 to $2,040; average, $1,860—						
Principal stenographer	1	1,920	1	1,920	1.8	1,908
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	1	1,620	1	1,560	1.6	1,484
Senior stenographer	4	1,635	2	1,650	1.1	1,656
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior typist	1	1,560	1	1,500	1	1,500
Grade 1, $1,140 to $1,500; average, $1,320—						
Underoperator, office devices	1	1,320	1	1,260	2	1,128
Custodial service—						
Grade 5, $1,320 to $1,680; average, $1,500—						
Junior mechanic	1	1,500	1	1,500	1	1,440
Grade 4, $1,140 to $1,500; average, $1,320—						
Undermechanic	1	1,320	1	1,320	1	1,320
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger					0.6	1,108
Grade 2, $900 to $1,140; average, $1,020—						
Subordinate mechanic			1	960	1	896
Junior laborer	2	990	2	990	2	990
Total average number of employees	22		21		22	
01 Total salaries, departmental service		53,720.00		50,800.00		54,693.05
The difference between 1929 and 1928 is due to—						
Increases in salary and two additional positions	$3,880					
Decrease in force	960					
Net increase	2,920					
Supplies and materials:						
0200 Stationery and office supplies		960.00		660.00		1,063.13
0210 Medical supplies						9.92
0220 Educational supplies						15.07
0230 Fuel		650.00		600.00		558.64
0280 Sundry supplies		100.00		150.00		139.64
0290 Materials		50.00		50.00		76.63
02 Total supplies and materials		1,760.00		1,460.00		1,863.03
Communication service:						
0500 Telegraph service		100.00		100.00		72.07
0510 Telephone service		550.00		450.00		488.58
0520 Other communication service		30.00		30.00		40.00
05 Total communication service		580.00		580.00		600.65
06 Travel expenses		12,770.00		11,590.00		11,211.73
07 Transportation of things (service)		30.00		50.00		39.03
08 Printing, lithographing, and photographic prints		2,400.00		2,400.00		2,579.34
10 Furnishing of light and power		700.00		700.00		656.74
12 Repairs and alterations		50.00		50.00		104.72
13 Special and miscellaneous current expense		30.00		50.00		30.30
Equipment:						
3010 Furniture, furnishings, and fixtures		350.00		200.00		378.64
3020 Educational equipment		260.00		200.00		189.01
3050 Other equipment		250.00		150.00		43.06
30 Total equipment		860.00		550.00		610.71
						72,389.30
Unobligated balance						1,230.70
Total		73,000.00		68,230.00		73,620.00

Appropriations available to the Federal Board for Vocational Education for salaries and expenses shall be available for expenses of attendance at meetings of educational associations and other organizations which in the discretion of the board are necessary for the efficient discharge of its responsibilities (*act Feb. 11, 1927, vol. 44, p. 1075*).

Annual act	$853,000.00	$798,230.00
Permanent and indefinite appropriations	7,367,000.00	7,367,000.00
Total under Federal Board for Vocational Education	8,220,000.00	8,165,230.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
FEDERAL POWER COMMISSION		
Federal Power Commission—		
For every expenditure requisite for and incident to the work of the Federal Power Commission as authorized by law, including traveling expenses, [per diem in lieu of subsistence,] *contract stenographic reporting services*, and not exceeding $500 for press-clipping service, law books, books of reference, and periodicals [$28,500], *$108,840, of which amount not to exceed $87,840 shall be available for personal services, and of this amount not to exceed $83,840 shall be available for personal services in the District of Columbia in accordance with the classification act of 1923: Provided, That the transfer of civilian employees to the rolls of the Federal Power Commission on July 1, 1928, may be made without reduction in salary* [: *Provided*, That the annual estimates of the Federal Power Commission for the fiscal year 1929 shall include the salaries of all civilian employees whose service with the commission has become permanent through detail from any executive department] (*U. S. C., p. 441, secs. 791–795; act Feb. 11, 1927, vol. 44, p. 1075*)	$108,840.00	$28,500.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average* No.	*Salary*	*Average*— No.	*Salary*	*Average*— No.	*Salary*
Grade 6, $6,000 to $7,500; average, $6,750—						
Chief engineer (executive secretary)	1	$7,500	1	$7,500	1	$7,000
Grade 4, $3,800 to $5,000; average, $4,400—						
Engineer	6	4,000				
Attorney	1	4,200				
Subprofessional service—						
Grade 7, $2,100 to $2,700; average, $2,400—						
Principal engineering draftsman	1	2,600				
Grade 6, $1,860 to $2,400; average, $2,100—						
Senior engineering draftsman	1	2,100				
Grade 5, $1,680 to $2,040; average, $1,860—						
* Library assistant	1	1,860				
Clerical, administrative, and fiscal service—						
Grade 13, $6,000 to $7,500; average, $6,750—						
Executive accountant and auditor (chief accountant)	1	7,500				
Grade 11, $3,800 to $5,000; average, $4,400—						
Assistant chief accountant and auditor	1	3,800				
Grade 10, $3,300 to $3,900; average, $3,600—						
Senior accountant and auditor	1	3,300				
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant (chief clerk)	1	2,800				
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	2	2,550				
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	6	1,880				
Grade 3, $1,500 to $1,860; average, $1,680—						
Clerk	4	1,530				
Custodial service—						
Grade 2, $900 to $1,140; average, $1,020—						
Assistant messenger	1	960				
Grade 1, $600 to $780; average, $690—						
Junior messenger	1	720				
Total average number of employees	29		1		1	
Total salaries, departmental service		83,840		7,500		7,000
Field service:						
Salaries and wages—						
Assistant chief accountant and auditor engineer	1	4,000				
01 Total personal services	30	87,840	1	7,500	1	7,000
The difference between 1928 and 1929, $80,340, is due to the transfer to the rolls of the Federal Power Commission of civilian employees heretofore detailed from executive departments, as authorized by the act of Congress approved Feb. 11, 1927.						
02 Supplies and materials (stationery and office supplies)		1,500.00		1,500.00		1,443.85
Communication service:						
0500 Telegraph service		280.00		300.00		142.14
0510 Telephone service		300.00		300.00		292.50
0520 Other communication service		35.00		35.00		27.00
05 Total communication service		615.00		635.00		461.64
06 Travel expenses		18,000.00		18,250.00		14,000.00
07 Transportation of things		35.00		40.00		58.09
Printing and binding, etc.:						
0820 Stenographic work in reporting field and other hearings (contract)		750.00		600.00		520.32
0830 Photographing, photolithographing, blue printing, and making photostats and prints		900.00		900.00		545.61
08 Total printing and binding, etc		1,650.00		1,500.00		1,065.93
09 Publication of notices		1,750.00		1,650.00		1,250.00
12 Repairs and alterations		50.00		50.00		65.86

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Federal Power Commission—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Special and miscellaneous current expenses:			
	Miscellaneous	$325.00	$325.00	$310.95
	Nonpersonal expense arising from investigations in the field by cooperating services of projects referred therefor by the commission. Transfers to cooperating services under the fortifications act of 1920 (41 Stat. 613) or direct settlements			1,925.83
13	Total special and miscellaneous current expenses	325.00	325.00	2,236.78
	Equipment:			
3010	Furniture, furnishings, and fixtures	800.00	500.00	1,292.38
3020	Library stock	275.00	300.00	280.19
30	Total equipment	1,075.00	800.00	1,572.57
			32,250.00	29,154.72
	Unobligated balance			245.28
	Reserve		1,250.00	
		112,840.00	33,500.00	29,400.00
	Less amount available for expenditure from the continuing appropriation, Federal Power Commission	4,000.00	5,000.00	4,000.00
	Total	108,840.00	28,500.00	25,400.00

Printing and Binding, Federal Power Commission—

For all printing and binding for the Federal Power Commission (*U. S. C., p. 442, sec. 797; p. 1013, sec. 588; act Feb. 11, 1927, vol. 44, p. 1075*) $3,800.00 $4,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
0800	Annual report	$1,850.00	$1,850.00	$1,850.00
	Rules and regulations, general		600.00	
	Special publications required to be prepared and printed by sec. 4, pars. a, b, and c, Federal water power act	1,150.00	840.00	1,390.52
0201	Blank forms and letterheads	450.00	350.00	206.81
0800	Binding	275.00	275.00	332.00
0320	Miscellaneous	75.00	85.00	51.00
				3,830.33
	Unexpended balance			169.67
	Total	3,800.00	4,000.00	4,000.00

Indefinite appropriation:

Payments to States Under the Federal Water Power Act, Special Fund—

SEC. 810. Disposition of charges arising from licenses. All proceeds from any Indian reservation shall be placed to the credit of the Indians of such reservation. All other charges arising from licenses hereunder shall be paid into the Treasury of the United States, subject to the following distribution: Twelve and one-half per centum thereof is hereby appropriated to be paid into the Treasury of the United States and credited to "Miscellaneous receipts"; 50 per centum of the charges arising from licenses hereunder for the occupancy and use of public lands, national monuments, national forests, and national parks shall be paid into, reserved and appropriated as a part of the reclamation fund created by sections 372, 373, 381, 383, 391, 392, 411, 416, 419, 421, 431, 432, 434, 439, 461, 476, 491, and 498, Title 43, Public Lands; and 37½ per centum of the charges arising from licenses hereunder for the occupancy and use of national forests, national parks, public lands, and national monuments, from development within the boundaries of any State shall be paid by the Secretary of the Treasury to such State; and 50 per centum of the charges arising from all other licenses hereunder is hereby reserved and appropriated as a special fund in the Treasury to be expended under the direction of the Secretary of War in the maintenance and operation of dams and other navigation structures, owned by the United States or in the construction, maintenance, or operation of headwater or other improvements of navigable waters of the United States (*U. S. C., p. 446, sec. 810*) 8,250.00 10,000.00

Grants to States: Expenditures—1929, $8,250; 1928, $9,904.71; 1927, $5,775.04.

Total under Federal Power Commission 120,890.00 42,500.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object		Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
FEDERAL RADIO COMMISSION			
Salaries and Expenses, Federal Radio Commission—			
For five commissioners, at $30 each per diem (act Feb. 23, 1927, vol. 44, pp. 1162-1164)	$18,000.00		
For all other authorized expenditures of the Federal Radio Commission in performing the duties imposed by the radio act of 1927, including personal services, contract stenographic reporting services, printing and binding, supplies and equipment, travel and other necessary expenses, $62,560, of which amount not to exceed $40,260 may be expended for personal services in the District of Columbia (same act)	62,560.00		
In all		$80,560.00	

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Clerical, administrative, and fiscal service—	*Average—*		*Average—*		*Average—*	
Grade 14, $7,500 and over—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Commissioner, annual salaries			2	$10,000	0.8	$10,000
Commissioner, per diem salaries	5	$3,600				
Grade 12, $5,200 to $6,000; average, $5,600—						
Secretary to commission	1	5,600	0.7	5,600	0.2	5,600
Grade 11, $3,800 to $5,000; average, $4,400—						
Information expert	1	4,000	0.7	3,800	0.3	3,800
Grade 8, $2,700 to $3,300; average, $3,000—						
Assistant secretary to commission	1	2,900	0.7	2,700	0.2	2,400
Grade 5, $1,860 to $2,400; average, $2,130—						
Senior clerk-stenographer	2	2,090	1.3	2,090	0.5	1,860
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	2	1,800	1.3	1,800	0.2	1,680
Principal stenographer	1	1,680	0.7	1,680		
Clerk-stenographer	2	1,800	1.3	1,800		
Grade 3, $1,500 to $1,860; average, $1,680—						
Clerk	1	1,680	0.7	1,680	1.6	1,680
Assistant clerk-stenographer	4	1,650	2	1,620	0.3	1,500
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior stenographer	1	1,500	0.7	1,320	0.2	1,320
Senior typist	1	1,320	1.2	1,320		
Junior clerk-typist	1	1,320	0.7	1,320		
Dictaphone operator	1	1,320	0.7	1,320		
Custodial service—						
Grade 2, $900 to $1,140; average, $1,020—						
Assistant messenger	1	960	0.7	900	0.2	900
Total average number of employees	25		15.4		4.5	
01 Total salaries, departmental service		58,260		46,750		15,684
The difference between 1929 and 1928 is due to decrease in salaries, $12,480.						
02 Supplies and materials		1,500.00		200.00		3,854.48
05 Communication service		1,000.00		200.00		579.82
06 Travel expenses		10,800.00		550.00		537.57
08 Stenographic reporting service		8,000.00		2,000.00		1,195.87
30 Furniture and fixtures		1,000.00				5,311.08
Total		80,560.00		50,000.00		27,162.82

NOTE.—Expenditures for 1928 are provided for by amount transferred from the appropriation "Enforcement of wireless communication laws, Department of Commerce."
The amount of expenditures for 1927 was transferred from the appropriation "Enforcement of wireless communication laws, Department of Commerce."

FEDERAL RESERVE BOARD

Permanent indefinite appropriation:
Salaries and Expenses, Federal Reserve Board (Special Fund)—
Indefinite appropriation of the assessments upon Federal reserve banks collected and deposited in the Treasury under the act of December 23, 1913 (Thirty-eighth Statutes, page 261, section 10), and appropriated for expenditure under the above appropriation title (*U. S. C., p. 275, sec. 243*) 2,700,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
01 Personal services	$668,201.00	$668,201.00	$583,116.41
02 Supplies and materials	7,400.00	7,400.00	5,667.75
05 Communication service	247,862.00	247,862.00	245,889.74
06 Travel expenses	100,550.00	100,550.00	62,091.75
08 Printing, engraving, lithographing, binding, photographing, and typewriting (service)[1]	1,839,296.00	1,639,296.00	1,612,791.72
10 Furnishing of heat, light, power, water, and electricity (service)	1,200.00	1,200.00	1,001.37
11 Rents	17,536.00	17,536.00	17,536.00
12 Repairs and alterations	820.00	820.00	379.75
13 Special and miscellaneous (current expenses)	2,845.00	2,845.00	1,261.34
30 Equipment	11,750.00	11,750.00	7,009.95
Total	2,897,460.00	2,697,460.00	2,536,745.80

[1] Includes amounts paid to the Bureau of Engraving and Printing for printing Federal reserve notes.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
FEDERAL TRADE COMMISSION		
Federal Trade Commission—		
For five commissioners at $10,000 each per annum (*U. S. C., p. 356, sec. 41; act Feb. 11, 1927, vol. 44, p. 1075*)	$50,000.00	$50,000.00
For all other authorized expenditures of the Federal Trade Commission in performing the duties imposed by law or in pursuance of law, including secretary to the commission and other personal services, contract stenographic reporting services *to be obtained on and after the approval of this act by the commission, in its discretion, through the civil service or by contract, or renewal of existing contract, or otherwise*, supplies and equipment, law books, books of reference, periodicals, garage rental, traveling expenses, not to exceed [$175] *$225* for newspapers, foreign postage, and witness fees and mileage in accordance with section 9 of the Federal Trade Commission act, [$917,850] *$895,000*, of which amount not to exceed [$790,000] *$771,030* may be expended for personal services in the District of Columbia, including witness fees: *Provided*, That no part of this sum shall be expended for investigations requested by either House of Congress except those requested by concurrent resolution of Congress, but this limitation shall not apply to investigations and reports in connection with alleged violations of the antitrust acts by any corporation (*same acts*)	895,000.00	917,850.00
In all	945,000.00	967,850.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Clerical, administrative, and fiscal service—	*Average*—		*Average*—		*Average*—	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 14, $7,500 and over—						
Commissioner	5	$10,000	5	$10,000	4.4	$10,082
Grade 12, $5,200 to $6,000; average, $5,600—						
Senior administrative officer (secretary)	1	6,000	1	6,000	1	5,400
Senior administrative officer (division chief)					0.5	5,200
Chief accountant	1	5,200	1	5,200	1	5,200
Grade 11, $3,800 to $5,000; average, $4,400—						
Administrative officer (division chief)	1	4,600	1	4,600	0.5	4,000
Assistant chief accountant and auditor	2	3,860	1.8	3,782	1	3,800
Grade 9, $3,000 to $3,660; average, $3,300—						
Accountant and auditor	5	3,220	5.2	3,240	5.3	3,293
Grade 8, $2,700 to $3,300; average, $3,000—						
Administrative assistant (section chief)	4	3,000	4	3,000	2.4	3,109
Associate editor	1	3,000	1	3,000		
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant (confidential assistant)	3	2,667	3	2,667	3	2,657
Junior administrative assistant (section chief)					1.3	3,050
Assistant accountant and auditor	8	2,627	8.8	2,620	9	2,670
Assistant editor	1	2,800	1	2,800	1	2,800
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	7	2,471	7	2,471	3.8	2,550
Editorial clerk	1	2,500	1	2,500	1	2,500
Principal accounting and auditing assistant	7	2,286	7	2,289	7.3	2,303
Chief stenographer	1	2,100	0.8	2,078		
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	10	2,118	9.7	2,098	10.8	2,154
Head stenographer			0.2	2,083	0.9	2,082
Senior clerk-stenographer	2	1,930	1.8	1,929	1	1,998
Senior accounting and auditing assistant	4	1,945	4.2	1,971	5	2,020
Senior office draftsman	2	2,250	2	2,250	2	2,250
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	14	1,860	14.2	1,864	16	1,894
Principal stenographer	4	1,845	3.8	1,837	3.1	1,828
Clerk-stenographer	6	1,820	6.2	1,806	6.5	1,743
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	23	1,670	23.8	1,650	28.1	1,625
Assistant clerk-stenographer	14	1,710	14	1,692	14.5	1,630
Senior stenographer	11	1,636	11	1,630	11.3	1,602
Assistant office draftsman	1	1,680	1	1,667	1.8	1,525
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	5	1,524	4.6	1,523	3	1,560
Senior typist	3	1,540	3	1,519	3	1,440
Junior stenographer	9	1,420	9.2	1,408	8.2	1,372
Junior clerk typist	3	1,520	3	1,495	2.9	1,396
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	1	1,440	1.4	1,404	4	1,254
Underoperator office devices	2	1,320	2	1,301	2	1,228
Professional and scientific service—						
Grade 7, $7,500 and over—						
Special attorney	1	7,500	1	7,500	0.8	7,188
Grade 6, $6,000 to $7,500; average, $6,750—						
Chief economic analyst	1	7,500	1	7,500	1	7,500
Chief attorney	2	6,000	2	6,000	2	6,000
Grade 5, $5,200 to $6,000; average, $5,600—						
Senior economic analyst	4	5,750	3.8	5,767	4	5,750
Senior attorney	26	5,246	25.8	5,242	25.7	5,237
Grade 4, $3,800 to $5,000; average, $4,400—						
Economic analyst	6	4,200	6.2	4,192	7	4,127
Attorney	21	4,076	22.2	4,036	22.6	3,962
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate economic analyst	8	3,200	7.8	3,197	6.9	3,229
Associate attorney	15	3,167	14.6	3,149	15.6	3,090

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

Federal Trade Commission—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927		Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Departmental service—Continued.								
Salaries—Continued.								
Professional and scientific service—Continued.	*Average—*		*Average—*		*Average—*			
Grade 2, $2,400 to $3,000; average, $2,700—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*		
Assistant economic analyst	5	$2,600	5	$2,600	6.2	$2,572		
Assistant attorney	10	2,650	10.4	2,653	17.4	2,289		
Assistant librarian	1	2,600	1	2,400	1	2,400		
Grade 1, $1,860 to $2,400; average, $2,130—								
Junior economic analyst	5	2,056	4.8	2,059	3.4	3,003		
Junior attorney	1	1,920	1	1,920	1	1,916		
Junior librarian					0.8	1,876		
Subprofessional service—								
Grade 4, $1,500 to $1,860; average, $1,680—								
Nurse	1	1,620	1	1,607	1	1,560		
Junior library assistant	1	1,740	1	1,728	1.2	1,696		
Grade 2, $1,140 to $1,500; average, $1,320—								
Minor library assistant	1	1,320	1	1,320	1	1,316		
Custodial service—								
Grade 6, $1,500 to $1,860; average, $1,680—								
Mechanic	2	1,680	2	1,680	2	1,680		
Grade 4, $1,140 to $1,500; average, $1,320—								
Head messenger	1	1,440	1	1,427	1	1,380		
Grade 3, $1,020 to $1,260; average, $1,140—								
Messenger	6	1,140	6	1,136	5.4	1,139		
Senior laborer	1	1,020	1	1,020	1.1	1,064		
Minor mechanic	1	1,260	1	1,260	1	1,219		
Grade 1, $600 to $780; average, $690—								
Junior messenger	5	648	5	638	5.7	606		
Total average number of employees	287		289.3		301.4			
Total salaries, departmental service		817,978		820,908		828,729		
0132 Witness fees		1,200		1,200		1,192		
01 Total personal services		819,178		822,108		829,921		
The difference between 1929 and 1928 is due to decrease in force, $2,930.								
Supplies and materials:								
0201 Stationery		5,000.00		5,000.00		4,717.90		
0202 Sundry office supplies		1,000.00		1,000.00		1,026.59		
0203 Drafting supplies		150.00		150.00		99.17		
0204 Photographic supplies		800.00		800.00		788.56		
0205 Cleaning and toilet supplies		25.00		25.00		25.00		
0210 Medical and hospital supplies		5.00		5.00		3.94		
0222 Educational supplies		375.00		325.00		321.15		
0234 Fuel, gas		150.00		150.00		140.14		
0282 Sundry supplies		25.00		25.00		34.94		
0284 Exhibits, ice, etc		300.00		300.00		325.83		
0294 Lumber and wood products		100.00		100.00		98.50		
0296 Paints and painters' supplies		10.00		10.00		15.18		
0299 Special and miscellaneous		200.00		200.00		226.71		
02 Total supplies and materials		8,140.00		8,090.00		7,823.61		
Communication service:								
0500 Telegraph service		500.00		800.00		477.73		
0510 Telephone service		2,500.00		2,600.00		2,632.10		
0520 Other communication service		225.00		250.00		242.84		
05 Total communication service		3,225.00		3,650.00		3,352.67		
Travel expenses:								
0601 Steam and electric railway fares		25,700.00		28,000.00		21,196.56		
0602 Fares by water		650.00		800.00		689.72		
0604 Stage, carriage, and motor fares		350.00		400.00		309.07		
0610 Street car, taxi, hack, etc		1,900.00		2,400.00		1,881.07		
0620 Mileage allowances		2,600.00		3,200.00		2,577.93		
0630 Per diem		48,819.04		53,311.04		41,061.02		
0635 Subsistence, witnesses		200.00		250.00		33.75		
0640 Food while in travel status		10.00		15.00		4.95		
0650 Pullman and stateroom fares		7,102.00		8,000.00		6,069.77		
0690 Special and miscellaneous		2,300.00		2,800.00		2,050.86		
06 Total travel expenses		89,631.04		99,176.04		75,874.70		
Transportation of things:								
0700 Freight		10.00		10.00		11.59		
0710 Expressage		150.00		150.00		135.95		
0730 Drayage, truckage, etc		75.00		75.00		67.25		
07 Total transportation of things		235.00		235.00		214.79		
08 Contract services (reporting hearings)		9,500.00		9,500.00		6,916.80		
10 Furnishing of light		175.00		175.00		176.88		
Rents:								
1101 Office buildings		7,515.96		7,515.96		8,515.07		
1115 Sorting and tabulating machines, etc		840.00		840.00		869.83		
11 Total rents		8,355.96		8,355.96		9,384.90		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Federal Trade Commission—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Repairs and alterations:			
1280	Machinery and equipment	$75.00	$75.00	$70.32
1290	Special and miscellaneous	125.00	125.00	185.19
12	Total repairs and alterations	200.00	200.00	255 51
	Special and current expenses:			
1371	Commercial references, newspaper clippings, etc	100.00	100.00	100.44
1373	Laundry and towel service	150.00	150.00	170.31
1380	Court costs	100.00	100.00	99.10
13	Total special and current expenses	350.00	350.00	369.85
	Equipment:			
3002	Motor vehicle			740.00
3010	Furniture, fixtures, etc	250.00	250.00	230.36
3012	Tables, desks, etc	1,000.00	1,000.00	1,480.99
3013	Floor coverings	100.00	100.00	36.55
3014	Window shades, etc	10.00	10.00	14.14
3017	Office devices	3,000.00	3,000.00	4,851.16
3018	Desk equipment	40.00	40.00	41.63
3019	Sundry items	10.00	10.00	7.33
3021	Library stock	1,500.00	1,500.00	1,634.83
3053	Brief bags, etc	100.00	100.00	106.14
30	Total equipment	6,010.00	6,010.00	9,143.13
	Unobligated balance		957,850.00	943,433.76
	Reserve		10,000.00	36,566.24
	Total	945,000.00	967,850.00	980,000.00

Printing and Binding, Federal Trade Commission—
For all printing and binding for the Federal Trade Commission (*U. S. C., p. 356, sec. 41; p. 1013, sec. 583; act Feb. 11, 1927, vol. 44, p. 1075*) $18,000.00 $16,500.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
02011	Printed forms and letter heads	$2,000.00	$2,000.00	$2,268.76
0800	Printing and binding	16,000.00	14,500.00	14,731.24
	Total	18,000.00	16,500.00	17,000.00

Total, Federal Trade Commission 963,000.00 984,350.00

GENERAL ACCOUNTING OFFICE

Salaries, General Accounting Office—
Salaries: Comptroller General, $10,000; Assistant Comptroller General, $7,500; and for other personal services in the District of Columbia, in accordance with the classification act of 1923, $3,557,500, in all (*U. S. C., p. 977, secs. 42, 52; act Feb. 11, 1927, vol. 44, p. 1075*) 3,575,000.00 3,575,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—	*Average—*		*Average—*		*Average—*	
Clerical, administrative, and fiscal service—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Comptroller General of the United States	1	$10,000	1	$10,000	1	$10,000
Grade 14, $7,500—						
Assistant Comptroller General	1	7,500	1	7,500	0.3	7,500
Grade 13, $6,000 to $7,500; average, $6,750—						
Assistant Comptroller General					0.7	7,500
Executive accountant and auditor (chief of investigations)	1	6,000	1	6,000	0.8	6,000
Grade 12, $5,200 to $6,000; average, $5,600—						
Assistant to the Comptroller General (executive officer, Budget officer)	1	6,000	1	6,000	1	6,000
Senior administrative officer (chief of division)	1	5,200	1	5,200	0.5	5,200
Chief investigator	2	5,200	2	5,200	2.3	5,467

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries, General Accounting Office—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average—		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Departmental service—Continued.						
Salaries—Continued.						
Clerical, administrative, and fiscal service—Con.						
Grade 11, $3,800 to $5,000; average, $4,400—						
Administrative officer—						
Chief of division	2	$4,600	2	$4,600	2.8	$4,624
Assistant chief of division	4	4,000	4	4,000	2.7	4,050
Chief of section	1	3,800	1	3,800	0.2	3,800
Assistant chief investigator	11	3,873	11	3,873	11.7	3,926
Grade 10, $3,300 to $3,900; average, $3,600—						
Junior administrative officer—						
Chief of division	1	3,900	1	3,900	1	3,900
Chief clerk	1	3,600	1	3,600		
Assistant chief of division	1	3,500	1	3,500	2.7	3,512
Special assistant	2	3,350	2	3,350	1.2	3,386
Chief of section	6	3,300	6	3,300	1	3,300
Unit head	1	3,300	1	3,300	0.2	3,300
Senior investigator	2	3,450	2	3,450	2.8	3,494
Grade 9, $3,000 to $3,600; average, $3,300—						
Senior administrative assistant—						
Chief of division	1	3,000	1	3,000	0.5	3,600
Assistant chief of division	2	3,150	2	3,150	2.2	3,138
Chief clerk					1	3,600
Chief of section	6	3,133	6	3,133	3.8	3,174
Unit head	4	3,150	4	3,150	0.9	3,109
Transportation expert	1	3,000	1	3,000	0.6	3,000
Investigator	4	3,150	4	3,150	3.8	3,157
Grade 8, $2,700 to $3,300; average, $3,000—						
Administrative assistant—						
Chief of section	6	2,917	6	2,917	11.2	2,922
Assistant chief of section	3	2,767	3	2,767	3	2,767
Assistant chief clerk	1	2,700	1	2,700		
Unit head	18	2,711	17	2,712	11.4	2,701
Assistant unit head	1	3,000	1	3,000		
Chief of subsection					0.8	2,800
Senior reviewer	7	2,714	7	2,714	5.2	2,703
Associate investigator	7	2,786	7	2,786	5.5	2,755
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant—						
Private secretary to the Comptroller General	1	2,400	1	2,400	1	2,400
Assistant chief of division	1	2,700	1	2,700	1.8	2,609
Chief of section	6	2,550	6	2,550	9.7	2,672
Assistant chief of section	3	2,667	3	2,667	8.2	2,639
Unit head	12	2,450	12	2,450	6	2,475
Assistant unit head	2	2,400	2	2,400	0.7	2,400
Chief of subsection					4.2	2,560
Conferee	1	3,000	1	3,000	1.3	2,925
Assistant chief clerk					1	2,400
Reviewer	46	2,443	46	2,443	9.5	2,433
Senior claims examiner	1	2,400	1	2,400	2.3	2,400
Claims law clerk	14	2,414	14	2,414	10.8	2,415
Legal research clerk	3	2,400	3	2,400		
Special auditor	8	2,450	8	2,450	1.3	2,400
Senior transportation rate and traffic auditor (reviewer)	6	2,500	6	2,500	5.5	2,495
Senior transportation rate and traffic auditor (special rate clerk)	8	2,400	8	2,400	7.2	2,423
Assistant accountant and auditor	1	2,700	1	2,700	1	2,700
Assistant investigator	6	2,400	6	2,400	3.9	2,400
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk—						
Special assistant to the Comptroller General	1	2,500	1	2,500	0.2	2,500
Assistant chief of division	2	2,300	2	2,300		
Deputy disbursing clerk	1	2,200	1	2,200	1	2,200
Digest clerk	1	2,400	1	2,400	1	2,400
Chief of section					2.8	2,427
Assistant chief of section	2	2,300	2	2,300	2.4	2,207
Chief of subsection					4.7	2,382
Assistant chief of subsection					2.7	2,363
Unit head	6	2,317	6	2,317	2	2,525
Assistant unit head	1	2,200	1	2,200	1.3	2,334
Supervisory and control bookkeeper					0.5	2,400
Correspondence clerk	2	2,700	2	2,700	2	2,700
Customs and conference clerk	1	2,400	1	2,400	0.3	2,400
Classification clerk	1	2,100	1	2,100	0.4	2,100
Senior claims adjuster	17	2,118	17	2,118	15	2,122
Reviewer	11	2,273	11	2,273	6.2	2,244
Special auditor	78	2,154	75	2,156	19.3	2,181
Control accountant	14	2,150	14	2,150	6.5	2,123
Principal clerk					14.9	2,208
Principal clerk-stenographer (secretary)	2	2,300	2	2,300	1.5	2,267
Transportation rate and traffic auditor	19	2,200	19	2,200	20.5	2,208
Principal investigating assistant	3	2,233	3	2,233	3.5	2,202
Grade 5, $1,860 to $2,400; average, $2,100—						
Senior clerk	309	1,999	309	1,999	341.4	2,031
Senior clerk-stenographer	5	1,996	5	1,996	4.1	2,112
Senior transportation-rate and traffic clerk	2	1,960	2	1,960	2.5	1,948
Senior translator	1	2,100	1	2,100		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), data of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries, General Accounting Office—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service—Continued.						
Salaries—Continued.						
Clerical, administrative, and fiscal service—Con.	*Average—*		*Average—*		*Average—*	
Grade 4, $1,680 to $2,040; average, $1,860—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Clerk	233	$1,808	233	$1,808	260	$1,813
Clerk-stenographer	4	1,875	4	1,875	4	1,875
Transportation-rate and traffic clerk	21	1,843	21	1,843	19	1,841
Head operator, office devices	7	1,920	7	1,920	7	1,916
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	179	1,630	179	1,630	178	1,629
Senior stenographer	23	1,662	23	1,662	20	1,674
Junior transportation-rate and traffic clerk	3	1,680	3	1,680	4	1,655
Senior operator, office devices	102	1,616	102	1,616	116	1,621
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	135	1,472	135	1,472	155	1,478
Senior typist	23	1,443	23	1,443	25	1,433
Junior stenographer	15	1,464	15	1,464	15	1,448
Junior clerk-typist	11	1,435	11	1,435	11	1,429
Junior operator, office devices	125	1,482	125	1,482	128	1,474
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	106	1,295	106	1,295	124	1,289
Junior typist	7	1,234	7	1,234	10	1,206
Underoperator, office devices	86	1,233	86	1,233	107	1,252
Professional and scientific service—						
Grade 6, $6,000 to $7,500—						
Chief attorney (solicitor)	1	7,000	1	7,000	1	7,000
Grade 5, $5,200 to $6,000; average, $5,600—						
Senior attorney (counsel)	2	6,000	1	6,000	1	6,000
Senior attorney	4	5,400	4	5,400	3.3	5,440
Grade 4, $3,800 to $5,000; average, $4,400—						
Attorney	7	4,314	7	4,314	6.3	4,368
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate attorney	16	3,250	16	3,250	15	3,307
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant attorney	3	2,733	3	2,733	6.9	2,721
Subprofessional service—						
Grade 4, $1,500 to $1,860; average, $1,680—						
Nurse	1	1,740	1	1,740	1	1,715
Grade 3, $1,320 to $1,680; average, $1,500—						
Under library assistant	1	1,440	1	1,440	1	1,440
Custodial service—						
Grade 7, $1,680 to $2,040; average, $1,860—						
Senior mechanic	2	1,890	2	1,890	1.1	1,890
Grade 6, $1,500 to $1,860; average, $1,680—						
Mechanic	4	1,605	4	1,605	4.9	1,677
Grade 5, $1,320 to $1,680; average, $1,500—						
Junior mechanic	1	1,320	1	1,320	0.1	1,320
Grade 4, $1,140 to $1,500; average, $1,320—						
Head messenger	5	1,308	5	1,308	4.5	1,301
Assistant foreman of laborers	2	1,290	2	1,290	2	1,265
Under mechanic					0.6	1,320
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger	50	1,106	50	1,106	52.3	1,104
Senior laborer	8	1,088	8	1,088	7.6	1,091
Minor mechanic	6	1,170	6	1,170	6	1,178
Guard (watchman)	1	1,140	1	1,140	3	1,140
Grade 2, $900 to $1,140; average, $1,020—						
Junior laborer	31	993	31	993	29.6	994
Grade 1, $600 to $780; average, $690—						
Junior messenger	14	624	14	624	14.3	624
Total average number of employees	1,938		1,933		1,939.4	
01 Total salaries, departmental service		3,575,000		3,560,000		3,532,989
Unobligated balance						6,421
Reserve				15,000		
Total		3,575,000		3,575,000		3,539,410

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Contingent Expenses, General Accounting Office—		
Contingent expenses: For traveling expenses, materials, supplies, equipment, and services; rent of buildings and equipment; purchase and exchange of books, books of reference and periodicals, tabulating cards, typewriters, calculating machines, and other office appliances, including their development, repairs, and maintenance, including motor-propelled passenger-carrying vehicles; and miscellaneous items (*U. S. C., pp. 976-983, secs. 40–120; act Feb. 11, 1927, vol. 44, p. 1076*)	$220,000.00	$232,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Supplies and materials:			
0200	Stationery and office supplies	$100,000.00	$108,000.00	$120,422.11
0210	Medical and hospital supplies	50.00	50.00	32.23
0220	Scientific and educational supplies	600.00	600.00	483.20
0230	Fuel (gasoline and oil)	1,000.00	1,000.00	1,022.73
0280	Sundry supplies (ice, etc.)	1,500.00	1,500.00	1,664.38
0290	Materials	4,350.00	4,500.00	3,145.56
02	Total supplies and materials	107,500.00	115,650.00	126,770.21
	Communication service:			
0500	Telegraph service	50.00	50.00	26.49
0510	Telephone service	3,000.00	2,550.00	3,880.13
0520	Other communication service (postage)	300.00	300.00	184.00
05	Total communication service	3,350.00	2,900.00	4,090.62
06	Traveling expenses (including local car fare)	35,000.00	35,000.00	32,400.34
07	Transportation of things (service)	150.00	150.00	430.39
10	Furnishing of heat, light, etc. (service)	600.00	600.00	425.93
	Rents:			
1100	Rents of buildings (including garage)		21,600.00	61,516.66
1110	Other rents (equipment)	37,800.00	29,800.00	27,618.41
11	Total rents	37,800.00	51,400.00	89,135.07
12	Repairs and alterations	2,500.00	2,500.00	3,615.42
13	Special and miscellaneous expenses	600.00	600.00	625.57
	Equipment:			
3010	Furniture, furnishings, and fixtures	30,000.00	11,000.00	10,497.59
3020	Educational equipment, etc	1,000.00	1,000.00	701.34
3050	Other equipment	1,500.00	1,200.00	2,571.52
30	Total equipment	32,500.00	13,200.00	13,770.45
			222,000.00	271,264.00
	Unobligated balance			13,286.00
	Reserve		10,000.00	
	Total	220,000.00	232,000.00	284,550.00

	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Printing and Binding, General Accounting Office—		
For all printing and binding for the General Accounting Office, including monthly and annual editions of selected decisions of the Comptroller General (*U. S. C., pp. 976–983, secs. 41–120; p. 1013, sec. 588; act Feb. 11, 1927, vol. 44, p. 1076*)	25,000.00	26,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
02011	Printed forms and letterheads	$10,000.00	$10,000.00	$9,409.63
0800	Printing and binding (decisions, etc.)	12,500.00	12,000.00	11,488.08
0800	Binding pay rolls	2,500.00	3,000.00	14,260.47
			25,000.00	35,158.18
	Unobligated balance			841.82
	Reserve		1,000.00	
	Total	25,000.00	26,000.00	36,000.00

Total, General Accounting Office	3,820,000.00	3,833,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
HOUSING CORPORATION		
Salaries, United States Housing Corporation—		
Salaries: For officers, clerks, and other employees in the District of Columbia necessary to collect and account for the receipts from the sale of properties and the receipts from the operation of unsold properties of the United States Housing Corporation, the Bureau of Industrial Housing and Transportation, property commandeered by the United States through the Secretary of Labor, and to collect the amounts advanced to transportation facilities and others [$43,300] *$40,300*: *Provided*, That no person shall be employed hereunder at a rate of compensation exceeding $5,000 per annum, and only one person may be employed at that rate (*acts May 16, 1918, vol. 40, p. 550, sec. 1; June 4, 1918, vol. 40, p. 595, sec. 1; July 8, 1918, vol. 40, p. 821, sec. 1; July 11, 1919, vol. 41, p. 55, sec. 1; July 19, 1919, vol. 41, p. 222, sec. 5; Mar. 21, 1922, vol. 42, p. 468, sec. 5; Feb. 11, 1927, vol. 44, p. 1076*)	$40,300.00	$43,300.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average—		*Average*—		*Average*—	
Salaries:	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Director	1	$5,000	1	$5,000	1	$5,000
Assistant director	1	4,800	1	4,800	1	4,800
Fiscal supervisor	1	4,800	1	4,800	1	4,800
Appraiser					0.1	4,800
Traveling auditor	1	3,600	1	3,600	1	3,600
Accountant	1	3,600	1	3,600	1	3,600
Engineer					0.3	3,600
Law clerk	1	3,300	1	3,300	1	3,300
Auditor, $3,000 to $3,300	1	3,300	2	3,150	2	3,150
Disbursing clerk	1	1,850	1	1,850	1	1,850
Clerk, $1,200 to $1,800	6	1,500	6	1,500	6.1	1,504
Janitor-messenger	1	1,050	1	1,050	1	1,000
Total number of employees	15		16		16.5	
01 Total salaries						44,998
Unobligated balance						2,702
Total		40,300		43,300		47,700

The difference between 1929 and 1928 is due to decrease in force, $3,000.

Contingent Expenses, United States Housing Corporation—

Contingent expenses: For contingent and miscellaneous expenses of the offices at Washington, District of Columbia, including purchase of blank books, maps, stationery, file cases, towels, ice, brooms, soap, freight and express charges; telegraph and telephone service; and all other miscellaneous items and necessary expenses not included in the foregoing and necessary to collect moneys and loans due the corporation (*acts July 19, 1919, vol. 41, p. 222, sec. 1; Feb. 11, 1927, vol. 44, p. 1076*) — 5,000.00 — 5,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
02 Supplies and materials	$250	$250	$255
05 Telegraph service	50	50	34
06 Travel expenses	2,500	2,500	2,798
07 Transportation of things (service)	10	10	5
13 Special and miscellaneous current expenses	40	40	40
30 Equipment	150	150	201
	3,000	3,000	3,333
Add amount transferred to Federal Board for Vocational Education	2,000	2,000	2,025
Unobligated balance			142
Total	5,000	5,000	5,500

Printing and Binding, United States Housing Corporation—

For *all* printing and binding for the United States Housing Corporation, including all its bureaus, offices, institutions, and services located in Washington, District of Columbia, and elsewhere (*acts Mar. 20, 1922, vol. 42, p. 436, sec. 1; Feb. 11, 1927, vol. 44, p. 1076*) — 800.00 — 800.00

08 Printing and binding: Expenditures—1929, $800; 1928, $800; 1927, $697.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Collections, United States Housing Corporation—		
Collections: For the collection of money due from the sale of real and other property under the provision of the act approved July 19, 1919, the collection of rentals from unsold properties, including necessary office and travel expenses outside of the District of Columbia (*acts June 5, 1920, vol. 41, p. 937, sec. 1; Feb. 11, 1927, vol. 44, p. 1076*)	$22,000.00	$29,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average—		*Average*—		*Average*—	
Field service:	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Bremerton, Wash	1	$2,000	1	$2,000	1	$2,000
Bridgeport, Conn					0.8	3,600
Cradock, Va			1	2,000	1	2,000
Erie, Pa. (including Alliance and Niles, Ohio, and Niagara Falls, N. Y.), $1,500 to $2,100	2	1,800	2	1,800	2	1,800
Hammond, Ind			1	600	1	600
Philadelphia, Pa. (including New Brunswick and Pompton Lakes, N. J.), $1,400 to $2,500	2	1,950	2	1,950	2	1,950
Quincy, Mass. (including Newport, R. I., Lowell, Mass., and Portsmouth, N. H.)	1	3,000	1	3,000	1	3,000
Rock Island, Ill. (including Davenport, Iowa, Moline and East Moline, Ill.), $1,200 to $3,000	2	2,100	2	2,100	2	2,100
Vallejo, Calif	1	3,000	1	3,000	1.1	3,000
Watertown, N. Y	1	600	1	600	1	600
Janitors	1	60	2	60	2.8	60
Total number of employees	11		14		15.7	
01 Total personal services		20,360		23,020		26,016
The difference between 1929 and 1928 is due to decrease in force, $2,660.						
02 Supplies and materials		100		150		27
05 Communication service (telephone)		250		650		645
06 Travel expenses		100		300		298
07 Transportation of things (service)		40		60		17
10 Furnishing of heat, light, power, and water		20		150		96
11 Rents		1,020		1,320		1,700
13 Special and miscellaneous current expenses		60		200		84
30 Equipment		50		150		42
				26,000		28,925
Unobligated balance						3,075
Reserve				3,000		
Total		22,000		29,000		32,000

	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Operation of Projects, United States Housing Corporation—		
Washington, District of Columbia, Government Hotel for Government workers: For maintenance, operation, and management of the hotel and restaurants therein, including purchase and replacement of equipment and personal services, and including not to exceed [$850] *$300* for the [exchange, purchase,] repair, and maintenance of an automobile for official use, [$480,136] *$403,250*, of which amount not to exceed [$263,166] *$238,590* may be expended for personal services in the District of Columbia, in addition to any meals and lodging allowed employees: *Provided*, That no person shall be employed hereunder at a rate of compensation exceeding $5,000 per annum, *in addition to any meals and lodging*, and only one person may be employed at that rate (*acts July 8, 1918, vol. 40, p. 821, sec. 1; July 19, 1919, vol. 41, p. 222, sec. 1; Feb. 11, 1927, vol. 44, p. 1076*)	403,250.00	480,136.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average—		*Average*—		*Average*—	
Salaries and wages:	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
General manager	1	$5,579	1	$5,579	1	$5,579
Superintendent of food service	1	3,879	1	3,879	1	3,879
Laundry superintendent	1	3,754	1	3,754	1	3,754
Special disbursing agent	1	3,634	1	3,634	1	3,634
Mechanical superintendent	1	3,354	1	3,354	1	3,354
Paymaster-cost accountant	1	2,754	1	2,754	1	2,754
Superintendent of halls	1	2,679	1	2,679	1	2,679
Assistant mechanical superintendent	1	2,210	1	2,210	1	2,210
Chef	1	2,424	1	2,424	1	2,424
Assistant superintendent food service	1	2,499	1	2,499	1	2,499
Clerk, $1,140 to $2,274	10	1,622	10	1,622	10	1,622
Stock keeper	1	2,130	1	2,130	1	2,130
Infirmary superintendent	1	2,379	1	2,379	1	2,379
Refrigeration engineer	1	1,902	1	1,902	1	1,902
Head plumber	1	1,720	1	1,720	1	1,720
Electrician, $1,648 to $1,840	2	1,739	2	1,739	2	1,739
Secretary to general manager	1	2,034	1	2,034	1	2,034

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Operation of Projects, United States Housing Corporation—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average—		*Average—*		*Average—*	
Salaries and wages—Continued.	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Mechanic, plumber, and steam fitter, $1,648 to $1,758	3	$1,721	3	$1,721	3	$1,721
Painter, carpenter, and paper hanger, $1,200 to $1,648	5	1,469	5	1,469	5	1,469
Captain of the watch	1	1,500	1	1,500	1	1,500
Baker and helper, $1,116 to $1,716	2	1,416	2	1,416	2	1,416
Cook, $1,296 to $1,716	5	1,428	5	1,428	5	1,428
Registrar	1	1,959	1	1,959	1	1,959
Cashier, $1,635 to $1,995	3	1,755	3	1,755	3	1,755
Telephone operator, $900 to $1,200	5.3	1,073	5.3	1,073	5.3	1,073
Fireman, coal passer, and laborer, $1,080 to $1,360	12	1,230	12	1,230	12	1,230
Utility man, $1,020 to $1,380	3	1,240	3	1,240	3	1,240
Truck driver	3	1,310	3	1,310	3	1,310
Watchman and fire patrol man	5	1,200	5	1,200	5	1,236
Receiving clerk and assistant to superintendent of halls, $1,530 to $1,755	2	1,642	2	1,642	2	1,642
Nurse, $1,410 to $1,530	3.1	1,571	3.1	1,571	3.1	1,571
House manager	8	1,635	8	1,635	8	1,635
House man	8	1,200	8	1,200	8	1,200
Mail clerk, $1,395 to $1,635	2	1,515	2	1,515	2	1,515
Dishwasher, pot washer, and cleaner, $936 to $1,164	8	980	8	980	8	980
Yardman	1	1,284	1	1,284	1	1,284
Relief house manager	1	1,455	1	1,455	1	1,455
Coffeeman and seamstress	2	1,225	2	1,225	2	1,225
Captain and head waitress	2	1,282	2	1,282	2	1,282
Maid, $780 to $900	50	783	50	783	47.4	783
Pantry girl	7	858	7	858	7	858
Porter, $1,462 to $1,476	2	1,469	2	1,469	2	1,469
Pantry boy	1	924	1	924	1	924
Laundry forewoman	1	1,209	1	1,209	1	1,209
Night watchwoman, $1,035 to $1,155	11	1,128	11	1,128	11	1,128
Desk clerk, $975 to $1,215	20	1,146	20	1,146	20	1,146
Truck helper, $1,144 to $1,320	2	1,232	2	1,232	2	1,232
Washman	1	1,560	1	1,560	1	1,560
Wringerman and upholsterer	3	1,040	3	1,040	3	1,040
Marker and assorter	1	624	1	624	1	624
Ironer, $624 to $728	4	689	4	689	4	689
Checker and assistant clerk	1	364	1	364	1	364
Tumbler boy and messenger	1	832	1	832	1	744
Flatworker, $468 to $676	12	542	12	542	12	542
Waitress, bus girl, and cleaner, $696 to $780	27	701	27	701	21.1	701
Ticket writer	3	60	3	60	3	60
Total average number of employees	259.4		259.4		250.9	
Total salaries and wages		300,273		300,273		294,178
Deduct allowance value of quarters, susbsistance, etc., furnished		54,368		54,368		53,208
Cash payment, salaries and wages		245,905		245,905		240,970
Deduct amounts received from laundry, other departments, wages		7,315		7,315		7,310
01 Net total, personal services		238,590		238,590		233,660
Supplies and materials:						
0201 Stationery and office supplies		700.00		700.00		679.62
0210 Medical and hospital supplies		200.00		200.00		178.12
0230 Fuel		28,000.00		28,000.00		27,952.71
0234 Gas		1,700.00		1,700.00		1,680.77
0236 Gasoline		600.00		600.00		524.13
0246 Sewing supplies		100.00		100.00		51.95
0260 Provisions		100,000.00		100,000.00		96,515.63
0282 Mechanics, engineers, and electricians' supplies		800.00		800.00		775.68
0284 Household supplies		11,000.00		11,000.00		10,440.54
0293 Nonmetallic mineral products		200.00		200.00		167.54
0294 Lumber and wood products		500.00		500.00		452.75
0296 Paints and painters' materials		500.00		500.00		431.35
02 Total supplies and materials		144,300.00		144,300.00		139,850.79
Communication service:						
0500 Telegraph service		10.00		10.00		1.30
0510 Telephone service		4,500.00		4,500.00		4,617.34
05 Total communication service		4,510.00		4,510.00		4,618.64
06 Travel expenses		250.00		250.00		200.00
07 Transportation of things (service)		100.00		100.00		74.92
10 Furnishing of light, power, and electricity (service)		12,500.00		12,500.00		12,336.00
12 Repairs and alterations		6,500.00		6,500.00		6,291.47
13 Special and miscellaneous current expenses		500.00		500.00		414.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Operation of Projects, United States Housing Corporation—Continued.					
Equipment:					
3011 Chairs, beds, and other supports for the body	$100.00	$100.00	$39.30		
3013 Floor coverings	500.00	500.00	50.00		
3014 Furniture coverings, draperies, and window shades	1,500.00	1,500.00	1,304.56		
3015 Kitchen and household utensils	2,000.00	2,000.00	1,972.86		
3016 Bedding, table linen, and covers	2,500.00	2,500.00	2,438.35		
3019 Sundry items (awnings)	250.00	250.00	105.50		
3051 Heat, light, power, water, and refrigeration equipment	7,000.00	7,000.00	6,983.84		
3054 Fire-preventing and fire-fighting equipment	100.00	100.00	67.75		
3057 Cleaning equipment	750.00	750.00	721.71		
30 Total equipment	14,700.00	14,700.00	13,683.87		
Total	421,950.00	421,950.00	411,129.04		
Deduct amounts received from the following sources:					
Legislative establishment (ice)	1,700.00	1,700.00	1,786.48		
Department of Agriculture, Bureau of Home Economics	2,700.00	2,700.00	3,100.24		
District of Columbia, juvenile court	2,100.00	2,100.00	2,137.49		
District of Columbia, National Guard	6,500.00	6,500.00	4,955.60		
Marine Corps, mail guard			731.48		
Laundry, other departments, supplies, etc	5,700.00	5,700.00	5,694.70		
Total amount received	18,700.00	18,700.00	18,405.99		
Net total	403,250.00	403,250.00	392,723.05		
Unobligated balance			112,759.95		
Reserve		76,886.00			
Total	403,250.00	480,136.00	505,483.00		
Maintenance of Unsold Property, United States Housing Corporation— Maintenance, unsold property: To maintain and repair houses, buildings, and improvements which are unsold (*acts Mar. 4, 1921, vol. 41, p. 1426, sec. 1; Feb. 11, 1927, vol. 44, p. 1077*)				$400.00	$1,000.00
	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927		
12 Repairs and alterations	$200	$500			
13 Special and miscellaneous current expenses	200	500	$55		
Unobligated balance			1,345		
Total	400	1,000	1,400		
Miscellaneous Expenses Account of Property Sold, United States Housing Corporation— Miscellaneous expenses account of property sold: To pay taxes, special assessments, and other utility, municipal, State, and county charges or assessments unpaid by purchasers and which have been assessed against property in which the United States Housing Corporation has an interest, and to defray expenses incident to foreclosing mortgages, conducting sales under deeds of trust, or reacquiring title or possession of real property under default proceeding, including attorney fees, witness fees, court costs, charges, and other miscellaneous expenses (*acts Mar. 4, 1921, vol. 41, p. 1426, sec. 1; Feb. 11, 1927, vol. 44, p. 1077*)				4,000.00	5,000.00
No part of the appropriations heretofore made and available for expenditure by the United States Housing Corporation shall be expended for the purposes for which appropriations are made herein (*acts July 19, 1919, vol. 41, p. 222; Mar. 4, 1921, vol. 41, p. 1426; Feb. 11, 1927, vol. 44, p. 1077*).					
13 Special and miscellaneous current expenses: Expenditures—1929, $4,000; 1928, $5,000; 1927, $5,289.49.					
Total, Housing Corporation				475,750.00	564,236.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
INTERSTATE COMMERCE COMMISSION		
Interstate Commerce Commission—		
For eleven commissioners, at $12,000 each; secretary, $7,500; in all (*U. S. C., p. 1659, sec. 11; p. 1666, sec. 18; act Feb. 11, 1927, vol. 44, p. 1077*)	$139,500.00	$139,500.00

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:		*Average*—		*Average*—		*Average*—	
Salaries (statutory)—		*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Commissioner		11	$12,000	11	$12,000	10.8	$12,000
Secretary		1	7,500	1	7,500	1	7,500
Total average number of employees		12		12		11.8	
01 Total salaries			139,500.00		139,500.00		137,166.67
Unobligated balance							2,333.33
Total			139,500.00		139,500.00		139,500.00

For all other authorized expenditures necessary in the execution of laws to regulate commerce, including one chief counsel, one director of finance, and one director of traffic, at $10,000 each per annum, traveling expenses, and stenographic reporting services to be obtained on and after the approval of this act by the commission, in its discretion, through the civil service or by contract, or renewal of existing contract, or otherwise, [$2,460,600] *$2,564,500*, of which amount not to exceed [$1,957,890] *$2,008,010* may be expended for personal services in the District of Columbia, exclusive of special counsel, for which the expenditure shall not exceed $50,000; not exceeding $3,000 for necessary books, reports, and periodicals; not exceeding $100 in the open market for the purchase of office furniture similar in class or kind to that listed in the general supply schedule; and not exceeding $139,000 for rent of buildings in the District of Columbia: *Provided*, That this appropriation shall not be available for rent of buildings in the District of Columbia if suitable space is provided by the Public Buildings Commission (*U. S. C., pp. 1650–1673, secs. 1–19, 21–25; act Feb. 11, 1927, vol. 44, p. 1077*) — 2,564,500.00 — 2,460,600.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average*—		*Average*—		*Average*—	
Grade 7, $7,500 and over—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Special attorney (chief counsel)	1	$10,000	1	$10,000	1	$10,000
Special attorney (director of bureau)	1	10,000	1	10,000	1	10,000
Grade 6, $6,000 to $7,500; average, $6,750—						
Chief attorney (chief examiner)	1	7,500	1	7,500	1	7,500
Chief economic analyst (chief of bureau)	1	7,500	1	7,500	1	7,500
Chief attorney (assistant chief counsel)	1	6,000	1	6,000		
Grade 5, $5,200 to $6,000; average, $5,600—						
Senior economic analyst	1	5,200	1	5,200		
Senior economic analyst (assistant director)	1	6,000	1	6,000	2	6,000
Senior engineer (assistant director)	1	6,000	1	6,000	1	6,000
Senior attorney—						
Assistant director	1	6,000	1	6,000		
Assistant chief examiner	2	5,700	2	5,700	1.5	5,733
Chief of bureau	1	6,000	1	6,000	0.9	5,970
Assistant chief counsel	1	5,400	1	5,400	2	5,350
Senior attorney	1	5,600				
Senior examiner	18	5,522	18	5,522	16.3	5,478
Grade 4, $3,800 to $5,000; average, $4,400—						
Economic analyst	3	4,667	3	4,667	3	4,633
Attorney (assistant chief of bureau)	1	4,400	1	4,400	0.9	4,759
Attorney (special examiner)	1	4,600	1	4,600	1	4,600
Attorney	4	4,050	4	4,050	3.4	4,087
Examiner	43	4,348	42	4,347	40.5	4,236
Engineer examiner	4	4,500	4	4,500	3.5	4,429
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate attorney—						
Assistant chief of bureau	1	3,400	1	3,400	1	3,400
Chief of section	1	3,200	1	3,200	0.4	3,000
Assistant to chief examiner	1	3,400	1	3,400	1	3,271
Associate attorney	1	3,300	1	3,300		
Associate examiner	46	3,075	38	3,116	22.5	3,226
Associate economic analyst	2	3,300	2	3,300	2	3,125
Associate economic analyst (explosives agent)	1	3,400	1	3,400	1	3,400
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant attorney	1	2,400	1	2,400	0.1	2,400
Assistant examiner	26	2,554	25	2,548	19.9	2,678
Assistant librarian	1	2,800	1	2,800	1	2,750
Assistant engineer	5	2,640	5	2,640	6	2,607
Grade 1, $1,860 to $2,400; average, $2,111.42—						
Junior examiner	5	2,000	5	2,000	10	1,930
Junior librarian	1	2,100	1	2,100	1	2,050

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Interstate Commerce Commission—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average—		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Departmental service—Continued.						
Salaries—Continued.						
Subprofessional service—						
Grade 6, $1,860 to $2,400; average, $2,111.42—						
Senior engineering draftsman	1	$2,300	1	$2,300	1	$2,300
Clerical, administrative, and fiscal service—						
Grade 14, $7,500 and over—						
Special executive officer (chief of bureau)	1	10,000	1	10,000	1	10,000
Grade 13, $6,000 to $7,500; average, $6,750—						
Executive officer (chief of bureau)	1	7,500	1	7,500	1	7,500
Grade 12, $5,200 to $6,000; average, $5,600—						
Senior administrative officer—						
Assistant director of bureau	6	5,733	6	5,733	6	5,733
Chief of bureau	1	5,200	1	5,200	1	5,200
Grade 11, $3,800 to $5,000; average, $4,400—						
Administrative officer—						
Chief of section	1	4,600	1	4,600	1	4,600
Assistant to director	1	4,600	1	4,600	1	4,500
Assistant secretary	1	4,400	1	4,400	1	4,133
Assistant chief of section	1	4,200	1	4,200	1	4,200
Appointment clerk	1	4,000	1	4,000		
Classification agent	1	4,000	1	4,000	0.6	3,800
Assistant chief accountant and auditor	3	4,133	3	4,133	3	4,111
Senior clerk (member of board)	2	4,200	2	4,200	2	3,933
Grade 10, $3,300 to $3,900; average, $3,600—						
Junior administrative officer—						
Assistant chief of section	2	3,750	2	3,750	2	3,725
Appointment clerk and personnel officer					1	3,750
Chief of section	1	3,400	1	3,400	0.6	3,360
Senior examiner (member of board)	1	3,600	1	3,600	1	3,450
Senior accountant and auditor	2	3,400	2	3,400	1.1	3,340
Grade 9, $3,000 to $3,600; average, $3,300—						
Senior administrative assistant—						
Express agent	1	3,600	1	3,600	1	3,600
Disbursing clerk	1	3,600	1	3,600	1	3,600
Chief of section	2	3,450	2	3,450	2	3,425
Assistant chief of section	1	3,400	1	3,400	0.3	3,400
Classification agent					0.4	3,200
Senior clerk	3	3,066	3	3,066	2.4	3,033
Accountant and auditor	14	3,079	14	3,079	5.7	3,207
Grade 8, $2,700 to $3,300; average, $3,000—						
Administrative assistant—						
Assistant chief of section	1	3,000	1	3,000	2	3,009
Chief clerk	2	3,050	2	3,050	1	2,917
Associate transportation rate and traffic auditor	12	2,933	12	2,933	10.2	2,886
Senior clerk	5	2,900	5	2,900	4	2,825
Associate accountant and auditor	6	2,767	6	2,767	3.2	2,921
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant—						
Private secretary	11	2,964	11	2,964	10.3	2,901
Assistant to secretary	1	2,900	1	2,900	1	2,750
Chief of section	2	2,850	2	2,850	2.6	2,842
Assistant chief of section					1	3,000
Cashier	1	2,800	1	2,800	1	2,800
Senior clerk	12	2,600	11	2,591	13.9	2,601
Assistant accountant and auditor					11.9	2,707
Senior transportation rate and traffic auditor	37	2,616	37	2,616	31	2,567
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk—						
Law clerk	1	2,700	1	2,700	1	2,700
Printing clerk	1	2,400	1	2,400	1	2,400
Senior clerk	30	2,230	30	2,230	17.9	2,236
Transportation rate and traffic auditor	59	2,277	55	2,222	55.3	2,222
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk (assistant chief of section)	1	2,400	1	2,400	1	2,350
Senior clerk	51	2,098	51	2,098	62.3	2,091
Senior clerk-stenographer	12	2,047	12	2,047	11	2,021
Senior transportation rate and traffic clerk	4	2,175	4	2,175	4	2,118
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk-stenographer	12	1,865	12	1,865	9	1,861
Office draftsman	1	1,920	1	1,920	1	1,920
Clerk	58	1,830	58	1,830	53.6	1,813
Grade 3, $1,500 to $1,860; average, $1,680—						
Head typist	5	1,704	5	1,704	5	1,688
Senior stenographer	36	1,727	36	1,727	34.8	1,702
Assistant clerk, stenographer	3	1,660	3	1,660	3.9	1,735
Assistant clerk	43	1,694	40	1,655	40.2	1,655
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	19	1,494	17	1,493	17.4	1,449
Junior stenographer	42	1,390	42	1,390	37.5	1,422
Junior clerk-typist	47	1,419	47	1,419	44.5	1,403
Chief telephone operator	1	1,560	1	1,560	1	1,510
Junior operator, office devices	12	1,430	12	1,430	12	1,431
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	4	1,275	4	1,275	4.9	1,276
Junior typist					6	1,343
Underclerk-typist	3	1,140	3	1,140	2.9	1,150
Underoperator, office devices	4	1,230	4	1,230	3.7	1,197
Junior telephone operator	2	1,200	2	1,200	2	1,276
Custodial service—						
Grade 7, $1,680 to $2,040; average, $1,860—						
Senior mechanic	1	2,040	1	2,040	1	2,040
Grade 6, $1,500 to $1,860; average, $1,680—						
Mechanic	1	1,680			1	1,680
Grade 4, $1,140 to $1,500; average, $1,320—						
Assistant foreman of laborers	1	1,440	1	1,440	1	1,440

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Interstate Commerce Commission—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service—Continued.						
Salaries—Continued.						
Custodial service—Continued.	*Average—*		*Average—*		*Average—*	
Grade 3, $1,020 to $1,260; average, $1,140—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Minor mechanic	1	$1,140	1	$1,140	1	$1,140
Senior laborer	1	1,140	1	1,140	1	1,140
Grade 2, $900 to $1,140; average, $1,020—						
Junior laborer	5	985	5	985	5	967
Assistant messenger	16	956	16	956	14	946
Minor domestic attendant	1	1,020	1	1,020	1	990
Grade 1, $600 to $780; average, $690—						
Junior messenger	40	638	38	638	34.9	625
Total average number of employees	837		813		769.9	
Total salaries, departmental service		2,008,010.00		1,948,824.00		1,807,971.80
The difference between 1929 and 1928 is due to increase in force, $59,186.						
Field service:						
Salaries and wages—						
Salary range, $3,800 to $5,000; average, $4,400—						
Special agent	1	4,200	1	4,200	1	4,063
Service agent	15	4,200	15	4,200	7.5	4,200
Salary range, $3,300 to $3,900; average, $3,600—						
Special agent	8	3,862	8	3,862	6.6	3,786
Service agent					7	3,600
Salary range, $3,000 to $3,600; average, $3,300—						
Special agent	2	3,100	2	3,100	0.5	3,300
Salary range, $2,700 to $3,300; average, $3,000—						
Special agent					1.8	3,000
Salary range, $2,400 to $3,000; average, $2,700—						
Special agent					1	2,640
Total average number of employees	26		26		25.4	
Total salaries and wages, field service		104,296		104,296		95,871
0150 Special services						11,572
Total personal services		2,112,300.00		2,053,120.00		1,915,422.80
Deduct as allowance for turnover				17,174.00		
01 Net personal services		2,112,306.00		2,035,947.00		1,915,422.80
Supplies and materials:						
0200 Stationery and office supplies		37,534.00		30,034.00		35,133.85
0280 Sundry supplies		1,385.00		1,058.00		1,058.70
0290 Materials		100.00		100.00		
02 Total supplies and materials		39,019.00		31,192.00		36,192.55
Communication service:						
0500 Telegraph service		805.00		805.00		805.02
0510 Telephone service		4,976.00		4,076.00		4,975.73
0520 Other communication service		74.00		74.00		74.26
05 Total communication service		5,855.00		5,855.00		5,855.01
Travel expenses:						
06 except 0630 and 0640. Transportation of persons		54,112.00		40,290.00		43,290.08
0630 and 0640. Per diem and subsistence of persons		69,762.00		63,870.00		54,869.61
06 Total travel expenses		123,874.00		104,160.00		98,159.69
07 Transportation of things (service)		167.00		167.00		167.36
Stenographic, typewriting, and photographic work:						
0821 Stenographic, typewriting, and duplicating (job work)		317.00		317.00		316.63
0822 Stenographic work (contract reporting)		111,479.00		96,479.00		101,479.12
0831 Photographic and blue-print work						
08 Total stenographic, typewriting, and photographic work		111,796.00		96,796.00		101,795.75
Rents:						
1100 Rent of buildings		139,000.00		130,000.00		72,075.04
1110 Other rents		6,843.00		6,843.00		6,843.35
11 Total rents		145,843.00		145,843.00		78,918.39
12 Repairs and alterations		1,525.00		1,525.00		1,524.67
13 Special and miscellaneous current expenses		371.00		371.00		370.70
Equipment:						
3010 Furniture, furnishings, and fixtures		19,593.00		14,593.00		19,593.49
3020 Educational equipment (books and periodicals)		2,994.00		2,994.00		2,993.79
3050 Other equipment		1,157.00		1,157.00		1,157.26
30 Total equipment		23,744.00		18,744.00		23,744.54
Unobligated balance				2,440,600.00		2,202,151.46
Reserve				20,000.00		56,508.54
Total		2,564,500.00		2,460,600.00		2,318,660.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Interstate Commerce Commission—Continued.		
To enable the Interstate Commerce Commission to enforce compliance with section 20 and other sections of the act to regulate commerce as amended by the act approved June 29, 1906, and as amended by the transportation act, 1920, including the employment of necessary special accounting agents or examiners, and traveling expenses [$1,315,000] *$1,327,745*, of which amount not to exceed [$200,000] *$168,538* may be expended for personal services in the District of Columbia (*U. S. C., pp. 1668–1670, sec. 20; act Feb. 11, 1927, vol. 44, p. 1077*)	$1, 327, 745. 00	$1, 315, 000. 00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average— No.	*Salary*	*Average—* No.	*Salary*	*Average—* No.	*Salary*
Departmental service:						
Salaries—						
Clerical, administrative, and fiscal service—						
Grade 13, $6,000 to $7,500; average, $6,750—						
Executive accountant and auditor (director of bureau)	1	$7, 500	1	$7, 500	1	$7, 500
Grade 12, $5,200 to $6,000; average, $5,600—						
Chief accountant and auditor—						
Assistant director	3	5, 733	3	5, 733	3	5, 733
Chief of section	1	6, 000	1	6, 000	1	6, 000
Field supervisor of accountants	1	5, 600	1	5, 600	1	5, 600
Grade 11, $3,800 to $5,000; average, $4,400—						
Assistant chief accountant and auditor (examiner)	12	4, 282	12	4, 282	11. 2	4, 325
Grade 10, $3,300 to $3,900; average, $3,600—						
Senior accountant and auditor (examiner)	4	3, 625	4	3, 625	4	3, 623
Grade 9, $3,000 to $3,600; average, $3,300—						
Accountant and auditor (examiner)	4	3, 350	4	3, 350	4. 4	3, 317
Grade 8, $2,700 to $3,300; average, $3,000—						
Associate accountant and auditor (examiner)	9	2, 937	9	2, 937	0. 9	2, 700
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal accounting and auditing assistant (examiner)	3	2, 300	3	2, 300	3	2, 233
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	4	1, 995	4	1, 995	4	2, 048
Grade 4, $1,680 to $2,040; average, $1,860—						
Principal stenographer	1	1, 980	1	1, 980	1	1, 980
Grade 3, $1,500 to $1,860; average, $1,680—						
Senior stenographer	4	1, 575	4	1, 575	2. 8	1, 667
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	1	1, 320	1	1, 320	0. 3	1, 320
Senior typist	1	1, 380	1	1, 380	4. 7	1, 506
Custodial service—						
Grade 1, $600 to $780; average, $690—						
Junior messenger	1	660	1	660	0. 9	658
Total average number of employees	50		50		43. 2	
Total salaries, departmental service		168, 538. 00		168, 538. 00		145, 611. 83
Field service:						
Salaries and wages—						
Salary range, $3,800 to $5,000; average, $4,400—						
Assistant chief accountant and auditor	16	4, 412	16	4, 412	15. 8	4, 382
Salary range, $3,300 to $3,900; average, $3,600—						
Senior accountant and auditor	21	3, 524	21	3, 524	22. 5	3, 464
Salary range, $3,000 to $3,600; average, $3,300—						
Accountant and auditor	37	3, 174	37	3, 174	35. 9	3, 174
Salary range, $2,700 to $3,300; average, $3,000—						
Associate accountant and auditor	89	2, 831	89	2, 831	71	2, 882
Salary range, $2,400 to $3,000; average, $2,700—						
Assistant accountant and auditor	62	2, 477	62	2, 477	57. 6	2, 470
Salary range, $2,100 to $2,700; average, $2,400—						
Principal accounting and auditing assistant	40	2, 215	40	2, 215	39. 5	2, 180
Salary range, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	15	2, 147	15	2, 147	13. 7	2, 115
Salary range, $1,680 to $2,040; average, $1,860—						
Principal stenographer	2	1, 860	2	1, 860	2	1, 844
Salary range, $1,500 to $1,860; average, $1,680—						
Senior stenographer	15	1, 600	15	1, 600	12. 8	1, 574
Salary range, $1,320 to $1,680; average, $1,500—						
Junior stenographer	10	1, 338	10	1, 338	6. 2	1, 372
Salary range, $600 to $780; average, $690—						
Junior messenger	5	612	5	612	2	604
Total average number of employees	312		312		279	
Total salaries and wages, field service		832, 532. 00		832, 532. 00		758, 990. 00
01 Total persoual services		1, 001, 070. 00		1, 001, 070. 00		904, 601. 83
Supplies and materials:						
0200 Stationery and office supplies		1, 900. 00		1, 900. 00		3, 051. 97
0280 Sundry supplies		100. 00		100. 00		100. 43
02 Total supplies and materials		2, 000. 00		2, 000. 00		3, 152. 40
Communication service:						
0500 Telegraph service		600. 00		600. 00		818. 01
0510 Telephone service		1, 200. 00		1, 200. 00		1, 121. 56
0520 Other communication service		200. 00		200. 00		602. 54
05 Total communication service		2, 100. 00		2, 100. 00		2, 542. 11

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Interstate Commerce Commission—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Travel expenses:			
06 except 0630 and 0640 Transportation of persons	$51,240.00	$48,495.00	$55,947.49
0630 and 0640 Per diem and subsistence of persons	257,000.00	222,000.00	312,936.21
06 Total travel expenses	308,240.00	270,495.00	368,883.70
07 Transportation of things (service)	850.00	850.00	715.34
10 Light, power, water, and electricity	75.00	75.00	69.47
Rents:			
1100 Rent of buildings	12,150.00	12,150.00	12,150.00
1110 Other rents	100.00	100.00	11.00
11 Total rents	12,250.00	12,250.00	12,161.00
12 Repairs and alterations	60.00	60.00	160.33
13 Special and miscellaneous current expenses	100.00	100.00	182.41
Equipment:			
3010 Furniture, furnishings, and fixtures	849.00	849.00	6,555.96
3020 Educational equipment (books and periodicals)	126.00	126.00	129.46
3050 Other equipment	25.00	25.00	435.03
30 Total equipment	1,060.00	1,000.00	7,120.45
		1,290,000.00	1,299,589.04
Unobligated balance			579.96
Reserve		25,000.00	
Total	1,327,745.00	1,315,000.00	1,300,169.00

To enable the Interstate Commerce Commission to keep informed regarding and to enforce compliance with acts to promote the safety of employees and travelers upon railroads; the act requiring common carriers to make reports of accidents and authorizing investigations thereof; and to enable the Interstate Commerce Commission to investigate and test appliances intended to promote the safety of railway operation, as authorized by the joint resolution approved June 30, 1906, and the provision of the sundry civil act approved May 27, 1908, to investigate, test experimentally, and report on the use and need of any appliances or systems intended to promote the safety of railway operation, including the employment of a chief inspector at $6,000 per annum, and two assistant chief inspectors at $5,000 each per annum, and such other inspectors as may be necessary, and for traveling expenses, $515,824, of which amount not to exceed [$80,000] *$73,714* may be expended for personal services in the District of Columbia (*U. S. C., pp. 1437–1439, secs. 1–16; pp. 1441–1443, secs. 35–43, 61–64; act Feb. 11, 1927, vol. 44, p. 1077*) $515,824.00 $515,824.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 4, $5,800 to $5,000; average, $4,400—						
Engineer	1	$4,800	1	$4,800	1	$4,800
Attorney	3	4,400	3	4,400	3	4,266
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant attorney	1	2,800	1	2,800	1	2,700
Clerical, administrative, and fiscal service—						
Grade 12, $5,200 to $6,000; average, $5,600—						
Senior administrative officer (chief inspector)	1	6,000	1	6,000	1	6,000
Grade 11, $4,800 to $5,000; average, $4,400—						
Administrative officer (assistant chief inspector)	2	5,000	2	5,000	2	5,000
Grade 10, $3,300 to $3,900; average, $3,600—						
Junior administrative officer (chief of section)	2	3,600	2	3,600	2	3,600
Grade 9, $3,000 to $3,600; average, $3,300—						
Senior administrative assistant (chief of section)	1	3,400	1	3,400	1	3,170
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	3	2,187	3	2,187	3	2,187
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk-stenographer	1	1,980	1	1,980	1	1,980
Clerk	4	1,854	4	1,854	3	1,820
Grade 3, $1,500 to $1,860; average, $1,680—						
Senior stenographer	1	1,680	1	1,680	1	1,680
Assistant clerk	3	1,680	3	1,680	3	1,629
Grade 2, $1,320 to $1,620; average, $1,500—						
Senior typist	1	1,500	1	1,500	1	1,378
Junior clerk	1	1,440	1	1,440	1	1,440

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Interstate Commerce Commission—Continued

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Departmental service—Continued.			
Salaries—Continued.			
Custodial service—	*Average—*	*Average—*	*Average—*
Grade 1, $600 to $780; average, $690—	*No.* *Salary*	*No.* *Salary*	*No.* *Salary*
Junior messenger	1 $690	1 $690	1 $604
Total number of employees	26	26	25
Total salaries, departmental service	73,714.00	73,714.00	70,621.93
Field service:			
Salaries and wages—			
Inspector at $3,600	71 3,600	71 3,600	68.9 3,600
Salary range, $1,320 to $1,680; average, $1,500—			
Senior typist	1 1,320	1 1,320	0.6 1,320
Total number of employees	72	72	69.5
Total salaries, field service	256,920.00	256,920.00	248,960.00
01 Total personal services	330,634.00	330,634.00	319,581.93
Supplies and materials:			
0200 Stationery and office supplies	2,350.00	2,350.00	844.01
0280 Sundry supplies	150.00	150.00	4.52
02 Total supplies and materials	2,500.00	2,500.00	848.53
Communication service:			
0500 Telegraph service	850.00	850.00	390.16
0510 Telephone service	140.00	140.00	44.25
0520 Other communication service	10.00	10.00	5.84
05 Total communication service	1,000.00	1,000.00	440.25
Travel expenses:			
06 except 0630 and 0640. Transportation of persons	63,246.00	60,746.00	56,330.19
0630 and 0640. Per diem and subsistence of persons	116,094.00	108,594.00	90,427.15
06 Total travel expenses	179,340.00	169,340.00	146,757.34
07 Transportation of things (service)	150.00	150.00	46.78
Stenographic, typewriting, and photographic service:			
0821 Stenographic, typewriting, and duplicating (job work)	1,000.00	1,000.00	299.38
0830 Photographic and blue-print work	200.00	200.00	47.38
08 Total, stenographic, typewriting, and photographic service	1,200.00	1,200.00	346.76
12 Repairs and alterations	200.00	200.00	73.07
13 Special and miscellaneous current expenses	100.00	100.00	30.61
Equipment:			
3010 Furniture, furnishings, and fixtures	650.00	650.00	942.00
3050 Other equipment	50.00	50.00	73.24
30 Total equipment	700.00	700.00	1,015.24
		505,824.00	469,140.51
Unobligated balance			5,859.49
Reserve		10,000.00	
Total	515,824.00	515,824.00	475,000.00

For all authorized expenditures under section 26 of the act to regulate commerce as amended by the transportation act, 1920, with respect to the provision thereof under which carriers by railroad subject to the act may be required to install automatic train-stop or train-control devices which comply with specifications and requirements prescribed by the commission; including investigations and tests pertaining to block-signal and train-control systems, as authorized by the joint resolution approved June 30, 1906, and including the employment of the necessary engineers, and for traveling expenses, $148,320, of which amount not to exceed [$100,000] *$95,140* may be expended for personal services in the District of Columbia (*U. S. C., p. 1441, sec. 35; p. 167, sec. 26; act Feb. 11, 1927, vol. 44, p. 1078*) ..... $148,320.00 | $148,320.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

Interstate Commerce Commission—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927		Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Departmental service:								
Salaries—								
Professional and scientific service—	*Average—*		*Average—*		*Average—*			
Grade 4, $3,800 to $5,000; average, $4,400—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary.*		
Engineer	1	$4,000	1	$4,000	0.8	$4,000		
Grade 3, $3,000 to $3,600; average, $3,300—								
Associate engineer	16	3,300	16	3,300	15.6	3,296		
Grade 2, $2,400 to $3,000; average, $2,700—								
Assistant engineer	9	2,700	9	2,700	3.8	2,640		
Clerical, administrative, and fiscal service—								
Grade 13, $6,000 to $7,500; average, $6,750—								
Executive officer (director of bureau)	1	7,500	1	7,500	1	7,500		
Grade 3, $1,500 to $1,860; average, $1,680—								
Senior stenographer	2	1,740	2	1,740	2	1,749		
Assistant clerk	1	1,740	1	1,740	0.9	1,681		
Grade 1, $1,140 to $1,500; average, $1,320—								
Underclerk	1	1,320	1	1,320	0.8	1,150		
Total average number of employees	31		31		24.9			
01 Total salaries, departmental service		95,140.00		95,140.00		78,468.80		
Supplies and materials:								
0200 Stationery and office supplies		900.00		900.00		595.26		
0280 Sundry supplies		100.00		100.00		23.76		
02 Total supplies and materials		1,000.00		1,000.00		619.02		
Communication service:								
0500 Telegraph service		475.00		475.00		27.82		
0510 Telephone service		25.00		25.00		.80		
05 Total communication service		500.00		500.00		28.62		
Travel expenses:								
06 except 0630 and 0640 Transportation of persons		20,230.00		17,730.00		11,691.01		
0630 and 0640 Per diem and subsistence of persons		30,000.00		22,500.00		16,919.65		
06 Total travel expenses		50,230.00		40,230.00		28,610.66		
07 Transportation of things (service)		100.00		100.00		.89		
Stenographic, typewriting, and photographic work:								
0821 Stenographic, typewriting, and duplicating work (job)		100.00		100.00				
0831 Photographic and blue print work		100.00		100.00		18.90		
08 Total stenographic, typewriting, and photographic work		200.00		200.00		18.90		
12 Repairs and alterations		100.00		100.00		9.75		
13 Special and miscellaneous current expenses		50.00		50.00				
Equipment:								
3010 Furniture, furnishings, and fixtures		700.00		700.00		457.46		
3050 Other equipment		300.00		300.00		500.85		
30 Total, equipment		1,000.00		1,000.00		958.31		
				138,320.00		108,714.95		
Unobligated balance						29,605.05		
Reserve				10,000.00				
Total		148,320.00		148,320.00		138,320.00		

For all authorized expenditures under the provisions of the act of February 17, 1911, "To promote the safety of employees and travelers upon railroads by compelling common carriers engaged in interstate commerce to equip their locomotives with safe and suitable boilers and appurtenances thereto," as amended by the act of March 4, 1915, extending "the same powers and duties with respect to all parts and appurtenances of the locomotive and tender," and amendment of June 7, 1924, providing for the appointment from time to time by the Interstate Commerce Commission of not more than fifteen inspectors in addition to the number authorized in the first paragraph of section 4 of the act of 1911, including such legal, technical, stenographic, and clerical help as the business of the offices of the chief inspector and his two assistants may require, and for traveling expenses, [$493,856] *$491,448*, of which amount not to exceed $65,740 may be expended for personal services in the District of Columbia (*U. S. C., pp. 1439–1441, secs. 22–34; act Feb. 11, 1927, vol. 44, p. 1078*) ..... $491,448.00 | $493,856.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Interstate Commerce Commission—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
Grade 4, $3,800 to $5,000; average, $4,400—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Attorney	1	$4,400	1	$4,400	0.7	$3,800
Engineer	1	4,400	1	4,400	1	4,183
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate engineer	1	3,300	1	3,300	1	3,075
Subprofessional service—						
Grade 8, $2,400 to $3,000; average, $2,700—						
Chief engineering aid	1	2,700	1	2,700	1	2,475
Clerical, administrative, and fiscal service—						
Grade 12, $5,200 to $6,000; average, $5,600—						
Senior administrative officer (chief inspector)	1	6,000	1	6,000	1	6,000
Grade 11, $3,800 to $5,000; average, $4,400—						
Administrative officer (assistant chief inspector)	2	5,000	2	5,000	2	5,000
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant (chief clerk)	1	2,900	1	2,900	1	2,800
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	3	2,100	3	2,100	3	2,100
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	1	1,980	1	1,980	1	1,680
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	3	1,660	3	1,660	3	1,660
Senior stenographer	1	1,740	1	1,740	1	1,740
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	8	1,537	8	1,537	8	1,440
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	2	1,140	2	1,140	0.8	1,140
Custodial service—						
Grade 2, $900 to $1,140; average, $1,020—						
Assistant messenger	1	1,020	1	1,020	1	995
Grade 1, $600 to $780; average, $690—						
Junior messenger	2	720	2	720	1.9	693
Total average number of employees	29		29		27.4	
Total salaries departmental service		65,740.00		65,740.00		60,502.93
Field service:						
Salaries and wages—						
District inspector (statutory, $3,600)	65	3,600.00	65	3,600.00	64.9	3,600.00
Total average number of employees	65		65		64.9	
Total salaries and wages, field service		234,000.00		234,000.00		233,880.00
Total salaries		299,740.00		299,740.00		294,382.93
0140 Allowance		39,000.00		39,000.00		31,432.50
01 Total personal services		338,740.00		338,740.00		325,815.43
Supplies and materials:						
0200 Stationery and office supplies		500.00		500.00		839.54
0280 Sundry supplies		225.00		225.00		196.87
02 Total supplies and materials		725.00		725.00		1,036.41
Communication service:						
0500 Telegraph service		500.00		500.00		311.89
0510 Telephone service		50.00		50.00		.40
0520 Other communication service		5.00		5.00		2.01
05 Total communication service		555.00		555.00		314.30
Travel expenses:						
06 except 0630 and 0640 Transportation of persons		449.80		43,684.00		41,654.12
0630 and 0640 Per diem and subsistence of persons		105,020.00		98,724.00		74,674.60
06 Total travel expenses		150,000.00		142,408.00		116,328.72
07 Transportation of things (service)		5.00		5.00		6.09
Stenographic, typewriting, and photographic work:						
0821 Stenographic, typewriting, and duplicating (job work)		100.00		100.00		
0822 Stenographic service (contract reporting)						18.60
0830 Photographic and blue-print work		250.00		250.00		141.28
08 Total stenographic, typewriting, and photo work		350.00		350.00		159.88
12 Repairs and alterations		25.00		25.00		89.33
13 Special and miscellaneous current expenses		10.00		10.00		12.00
Equipment:						
3010 Furniture, furnishings, and fixtures		500.00		500.00		1,386.10
3050 Other equipment		538.00		538.00		303.85
30 Total equipment		1,038.00		1,038.00		1,689.95
				483,856.00		445,452.11
Unobligated balance						12,995.89
Reserve				10,000.00		
Total		491,448.00		493,856.00		458,448.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Interstate Commerce Commission—Continued.		
Valuation of property of carriers: To enable the Interstate Commerce Commission to carry out the objects of the act entitled "An act to amend an act entitled 'An act to regulate commerce,' approved February 4, 1887, and all acts amendatory thereof," by providing for a valuation of the several classes of property of carriers subject thereto and securing information concerning their stocks, bonds, and other securities, approved March 1, 1913, including one director of valuation at $10,000 per annum, one supervisor of land appraisals, one supervising engineer, and one supervisor of accounts, at $9,000 each per annum, and one principal valuation examiner at $7,500 per annum, and traveling expenses, [$2,563,214] *$2,200,000*: *Provided*, That this appropriation shall not be available for rent of buildings in the District of Columbia if suitable space is provided by the Public Buildings Commission (*U. S. C., pp. 1667, 1668, sec. 19–a; act Feb. 11, 1927, vol. 44, p. 1078*)	$2, 200, 000. 00	$2, 563, 214. 00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
Grade 7, $7,500 and over—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Special scientist	2	$9,000	2	$9,000	2	$9,000
Grade 6, $6,000 to $7,500; average, $6,750—						
Principal examiner	1	7,500	1	7,500	1	7,500
Chief attorney	2	6,750	2	6,750	1	7,500
Grade 5, $5,200 to $6,000; average, $5,600—						
Senior attorney	13	5,600	14	5,600	14.5	5,531
Senior engineer	8	5,600	10	5,600	8	5,550
Senior examiner	13	5,600	14	5,600	12.8	5,539
Grade 4, $3,800 to $5,000; average, $4,400—						
Attorney	7	4,400	14	4,400	6	4,100
Engineer	18	4,400	17	4,400	22.3	4,195
Examiner	15	4,400	17	4,400	12.7	4,167
Land appraiser	12	4,400	20	4,400	12.1	4,099
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate attorney	8	3,300	6	3,300	3	3,100
Associate engineer	45	3,300	44	3,300	41.8	3,178
Associate examiner	4	3,300	10	3,300	2.3	3,200
Associate land appraiser	12	3,300	10	3,300	3.7	3,230
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant attorney	8	2,700	6	2,700	6	2,600
Assistant engineer	52	2,700	52	2,700	59	2,590
Assistant land appraiser	11	2,700	15	2,700	5.8	2,595
Assistant examiner	2	2,700	4	2,700		
Grade 1, $1,860 to $2,400; average, $2,111.42—						
Junior attorney	6	2,111	6	2,111	7.2	1,948
Junior engineer	17	2,111	24	2,111	5.6	2,003
Senior land appraisal aid					1.8	2,000
Junior examiner	2	2,111	2	2,111	1	1,860
Subprofessional service—						
Grade 8, $2,400 to $3,000; average, $2,700—						
Chief engineering aid	7	2,700	11	2,700	5.3	2,514
Grade 6, $1,860 to $2,400; average, $2,111.42—						
Senior engineering aid	4	2,111	23	2,111	4	2,069
Grade 5, $1,680 to $2,040; average, $1,860—						
Engineering aid	10	1,860	19	1,860	8.2	1,726
Engineering draftsman					2	1,800
Clerical, administrative, and fiscal service—						
Grade 14, $7,500 and over—						
Special executive officer (director)	1	10,000	1	10,000	1	9,000
Special executive officer (supervisor of accounts)	1	9,000	1	9,000	1	9,000
Grade 12, $5,200 to $6,000; average, $5,600—						
Chief accountant and auditor (assistant supervisor of accounts)	2	5,600	2	5,600	2	5,800
Chief accountant and auditor	3	5,600	3	5,600	2	5,400
Grade 11, $3,800 to $5,000; average, $4,400—						
Assistant chief accountant and auditor	6	4,400	8	4,400	7	4,257
Administrative officer (assistant to director)					.3	4,800
Administrative officer (senior clerk)	2	4,400	2	4,400	1	4,200
Grade 9, $3,000 to $3,600; average, $3,300—						
Accountant and auditor (accountant)	9	3,300	17	3,300	11.9	3,303
Senior administrative assistant (valuation analyst)	3	3,300	3	3,300	3	3,267
Senior administrative assistant (senior clerk)	2	3,300	1	3,300	1	3,000
Grade 8, $2,700 to $3,300; average, $3,000—						
Associate accountant and auditor (accountant)	5	3,000	7	3,000	6	2,950
Administrative assistant	1	3,000	2	3,000		
Grade 7, $2,400 to $3,000; average, $2,700—						
Assistant accountant and auditor (accountant)	13	2,700	14	2,700	8.4	2,668
Junior administrative assistant	2	2,700	2	2,700	3	2,733
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal accounting and auditing assistant (accountant)	9	2,400	3	2,400	5	2,260
Senior clerk					1	2,500
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior accounting and auditing assistant (accountant)	5	2,111	14	2,111		
Senior clerk	11	2,111	9	2,111	9.9	2,022
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk-stenographer	14	1,860	19	1,860	9	1,781
Clerk	10	1,860	14	1,860	8.9	1,805
Accounting assistant	6	1,860				

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

Interstate Commerce Commission—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927		Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Departmental service—Continued.								
Salaries—Continued.								
Clerical, administrative, and fiscal service—Con.	*Average—*		*Average—*		*Average—*			
Grade 3, $1,500 to $1,860; average, $1,680—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*		
Assistant clerk	12	$1,680	10	$1,680	9.6	$1,570		
Assistant clerk-stenographer	9	1,680	8	1,680	6.9	1,624		
Senior stenographer	20	1,680	22	1,680	16.2	1,600		
Senior operator of office devices	10	1,680	11	1,680	4.9	1,624		
Grade 2, $1,320 to $1,680; average, $1,500—								
Junior stenographer	12	1,500	10	1,500	18.5	1,321		
Junior clerk-stenographer	10	1,500	11	1,500	3.9	1,418		
Junior operator, office devices	15	1,500	16	1,500	6.7	1,410		
Junior clerk	6	1,500	13	1,500	3.7	1,586		
Senior typist	28	1,500	25	1,500	30.9	1,391		
Grade 1, $1,140 to $1,500; average, $1,320—								
Junior typist	2	1,320	2	1,320	1	1,140		
Underclerk	2	1,320	3	1,320	4	1,205		
Underoperator, office devices	5	1,320	4	1,320	3.7	1,211		
Custodial service—								
Grade 2, $900 to $1,140; average, $1,020—								
Assistant messenger	5	1,020	6	1,020	4.7	980		
Junior laborer	2	1,020	2	1,020	2	960		
Grade 1, $600 to $780; average, $690—								
Junior messenger	11	690	10	690	8.8	630		
Total average number of employees	533		618		456			
Total salaries, departmental service		1,498,603.99		1,743,830.76		1,278,380.98		
The difference between 1929 and 1928 is due to—								
Decrease in force	$247,116.86							
Increase in force	1,890.00							
Net decrease	245,226.86							
Field service:								
Salaries and wages—								
Salary range, $3,800 to $5,000; average, $4,400—								
Engineer	3	4,400	1	4,400	1	3,800		
Land appraiser	10	4,400	20	4,400	3	4,533		
Accountant	4	4,400	1	4,400				
Salary range, $3,300 to $3,900; average, $3,600—								
Senior land appraiser	7	3,600	10	3,600	18.4	3,591		
Salary range, $3,000 to $3,600; average, $3,300—								
Accountant	13	3,300	6	3,300	4	3,200		
Engineer	10	3,300	4	3,300	2.5	3,140		
Land appraiser	4	3,300	9	3,300	5	3,200		
Salary range, $2,700 to $3,300; average, $3,000—								
Associate accountant	8	3,000	4	3,000	9.1	2,930		
Associate engineer					7.1	2,940		
Associate land appraiser	2	3,000	8	3,000	4.6	3,000		
Salary range, $2,400 to $3,000; average, $2,700—								
Assistant accountant	22	2,700	20	2,700	2	2,700		
Assistant engineer	15	2,700	14	2,700	4.1	2,640		
Assistant land appraiser	1	2,700	5	2,700	3.1	2,600		
Salary range, $2,100 to $2,700; average, $2,400—								
Principal accounting assistant	15	2,400	18	2,400	6	2,295		
Principal engineering assistant	1	2,400	5	2,400	2	2,360		
Salary range, $1,860 to $2,400; average, $2,111.42—								
Senior land appraisal assistant	1	2,111	10	2,111	2.8	1,960		
Senior accounting assistant	9	2,111	1	2,111				
Senior engineering aid	10	2,111	10	2,111				
Salary range, $1,680 to $2,040; average, $1,860—								
Clerk	1	1,860			1	1,740		
Salary range, $1,320 to $1,680; average, $1,500—								
Clerk	2	1,500			0.1	1,620		
Total average number of employees	138		146		75.8			
Total salaries and wages, field service		407,189.24		436,339.82		232,477.00		
The difference between 1929 and 1928 is due to—								
Increase in force	$24,649.42							
Decrease in force	53,800.00							
Net decrease	29,150.58							
0150 Special services		1,000.00		500.00		250.00		
01 Total personal services		1,906,793.14		2,180,670.58		1,511,107.98		
Supplies and materials:								
0200 Stationery and office supplies		15,000.00		15,300.00		19,989.41		
0280 Sundry supplies		100.00		200.00		985.95		
0290 Materials		100.00		200.00				
02 Total supplies and materials		15,200.00		15,700.00		20,975.36		
Communication service:								
0500 Telegraph service		1,000.00		1,100.00		381.60		
0510 Telephone service		1,000.00		1,150.00		1,402.37		
0520 Other communication service		25.00		10.00		23.54		
05 Total communication service		2,025.00		2,260.00		1,807.51		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Interstate Commerce Commission—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Travel expenses:			
06 except 0630 and 0640 Transportation of persons	$48,288.28	$41,997.42	$29,915.85
0630 and 0640 Per diem and subsistence of persons	194,394.00	188,000.00	103,499.43
06 Total travel expenses	242,682.28	229,997.42	133,415.28
07 Transportation of things (service)	500.00	800.00	206.49
Stenographic, typewriting, and photographic work:			
0821 Stenographic, typewriting, and duplicating (job work)	500.00	550.00	212.00
0822 Stenographic services (contract reporting)	5,000.00	5,666.00	10,659.45
0830 Photograph and blue print work	200.00	200.00	156.69
08 Total stenographic, typewriting, and duplicating work	5,700.00	6,416.00	11,028.14
10 Light, power, water, and electricity	100.00	100.00	50.01
Rents:			
1100 Rent of buildings	2,500.00	1,000.00	1,920.00
1110 Other rents	2,500.00	2,700.00	2,100.00
11 Total rents	5,000.00	3,700.00	4,020.00
12 Repairs and alterations	500.00	500.00	841.49
13 Special and miscellaneous current expenses	500.00	1,040.00	647.16
Equipment:			
3010 Furniture, furnishings, and fixtures	20,000.00	21,000.00	26,298.75
3050 Other equipment	1,000.00	1,030.00	1,467.57
30 Total equipment	21,000.00	22,030.00	27,766.32
		2,463,214.00	1,711,865.74
Unobligated balance			3,275.23
Reserve		100,000.00	
Total	2,200,000.00	2,563,214.00	1,715,140.97

Printing and Binding, Interstate Commerce Commission—

For all printing and binding for the Interstate Commerce Commission, including reports in all cases proposing general changes in transportation rates and not to exceed $10,000 to print and furnish to the States at cost report-form blanks, and the receipts from such reports and blanks shall be credited to this appropriation [$175,000] *$255,000* [of which $15,000 shall be immediately available]: *Provided*, That no part of this sum shall be expended for printing the Schedule of Sailings required by section 25 of the interstate commerce act (*U. S. C., p. 1013, sec. 588; pp. 1650–1673, secs. 1–19, 21–25; act Feb. 11, 1927, vol. 44, p. 1078*) $255,000.00 $175,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
02011 Printed forms and letterheads	$15,000.00	$15,000.00	$11,419.80
0800 Printing and binding	240,000.00	160,000.00	163,579.66
			174,999.46
Unobligated balance			.54
Total	255,000.00	175,000.00	175,000.00

Not to exceed $5,000 of the appropriations herein made for the Interstate Commerce Commission shall be available for expenses, except membership fees, for attendance at meetings concerned with the work of the commission (*act Feb. 11, 1927, vol. 44, p. 1078*).

Total, Interstate Commerce Commission 7,642,337.00 7,811,314.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
NATIONAL ADVISORY COMMITTEE FOR AERONAUTICS		
National Advisory Committee for Aeronautics— For scientific research, technical investigations, and special reports in the field of aeronautics, including the necessary laboratory and technical assistants; contracts for personal services in the making of special investigations and in the preparation of special reports; traveling expenses of members and employees, including not to exceed $500 for expenses, except membership fees, of attendance upon meetings of technical and professional societies; office supplies and other miscellaneous expenses, including technical periodicals and books of reference; equipment, maintenance, and operation of the Langley Memorial Aeronautical Laboratory; purchase, maintenance, operation, and exchange of motor-propelled passenger-carrying vehicles; personal services in the field and in the District of Columbia; in all, [$512,000] *$587,000*, of which amount not to exceed [$70,000] *$72,560* may be expended for personal services in the District of Columbia (*U. S. C., p. 1698, sec. 151; act Feb. 11, 1927, vol. 44, p. 1078*)	$587,000.00	$512,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service—						
Salaries—						
Professional service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 6, $6,000 to $7,500; average, $6,750—						
Director of aeronautical research	1	$7,500	1	$7,500	1	$7,000
Grade 5, $5,200 to $6,000; average, $5,600—						
Aeronautical engineer	1	5,600	1	5,600	0.7	5,200
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate aeronautical engineer	1	3,300	0.5	3,000		
Subprofessional service—						
Grade 7, $2,100 to $2,700; average, $2,400—						
Draftsman in charge	1	2,600	1	2,600	1	2,500
Grade 5, $1,680 to $2,040; average, $1,860—						
Copyist mechanical draftsman	3	1,860	2.7	1,860	2.5	1,860
Clerk	1	1,740	1	1,740	1	1,740
Grade 4, $1,500 to $1,860; average, $1,680—						
Junior library assistant	1	1,620	1	1,560	1	1,500
Grade 3, $1,320 to $1,680; average, $1,500—						
Under library assistant	1	1,440	1	1,320		
Clerical, administrative, and fiscal service—						
Grade 12, $5,200 to $6,000; average, $5,600—						
Secretary	1	5,800	1	5,800		
Grade 11, $3,800 to $5,000; average, $4,400—						
Assistant secretary					1	5,000
Grade 9, $3,000 to $3,600; average, $3,300—						
Administrative assistant and chief clerk	1	3,600	1	3,500	1	3,400
Grade 6, $2,100 to $2,700; average, $2,400—						
Translator	1	2,500	1	2,500	1	2,500
Chief of accounts	1	2,400	1	2,400	1	2,400
Chief intelligence clerk	1	2,400	1	2,400	1	2,400
Private secretary	1	2,300	1	2,300	1	2,300
Grade 4, $1,680 to $2,040; average, $1,860—						
Stenographer-clerk	2	1,830	2	1,770	2	1,770
Assistant printing clerk	1	1,920	1	1,920	1	1,920
Grade 3, $1,500 to $1,860; average, $1,680—						
Stenographer	6	1,620	5.6	1,650	3	1,700
Assistant intelligence clerk	1	1,680	1	1,680	1	1,680
Grade 2, $1,320 to $1,680; average, $1,500—						
Clerk	1	1,380	1	1,320	1	1,320
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	1	1,320	1	1,260	1	1,140
Skilled laborer	2	1,320	1.8	1,380	1	1,380
Custodial service—						
Grade 2, $780 to $1,140; average, $960—						
Assistant messenger	2	930	1.6	900	0.8	900
Total number of employees	32		30.2		24	
Total salaries, departmental service		72,560.00		68,626.00		55,735.82
The difference between 1929 and 1928 is due to—						
Increase in force	$3,354					
Increase in salaries	580					
Total increase	3,934					
Field service:						
Salaries and wages—						
Salary range, $6,000 to $7,500; average, $6,750—						
Technical assistant in Europe	1	7,000	1	7,000	1	6,000
Salary range, $5,200 to $6,000; average, $5,600—						
Engineer in charge	1	5,200	1	5,200	1	5,200
Salary range, $3,800 to $5,000; average, $4,400—						
Chief test pilot	1	5,000	1	5,000	1	5,000
Mechanical engineer	2	4,100	2	4,100	1	4,000
Salary range, $3,300 to $3,900; average, $3,600—						
Mechanical engineer					1	3,800
Airplane test pilot	2	3,650	2	3,650	1	3,000
Salary range, $3,000 to $3,600; average, $3,300—						
Associate engineer	4	3,300	4	3,250	4	3,350
Salary range, $2,700 to $3,300; average, $3,000—						
Chief clerk and property officer	1	3,000	1	3,000	1	2,700
Salary range, $2,400 to $3,000; average, $2,700—						
Assistant engineer	10	2,700	8	2,612	6	2,633
Principal aeronautical draftsman	3	2,666	3	2,666	2	2,650
Chief engine operator	1	3,000	1	3,000	1	3,000

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

National Advisory Committee for Aeronautics—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927		Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
	Average— *No.*	*Salary*	*Average*— *No.*	*Salary*	*Average*— *No.*	*Salary*		
Field service—Continued.								
Salaries and wages—Continued.								
Salary range, $2,100 to $2,700; average, $2,400—								
Principal aid	2	$2,500	2	$2,500	2	$2,400		
Photographer	2	2,250	2	2,250	2	2,250		
Principal aeronautical draftsman	1	2,100	1	2,100	1	2,100		
Principal aeronautical mechanic	12	2,322	12	2,322	10	2,328		
Leading man	2	2,700	2	2,700	2	2,650		
Model maker	1	2,300	1	2,300	1	2,200		
Machinist	5	2,220	5	2,220	5	2,128		
Instrument maker	3	2,100	3	2,100	2	2,130		
Storekeeper	1	2,300	1	2,300	1	2,300		
Salary range, $1,860 to $2,400; average, $2,130—								
Junior physicist	3	2,130	3	2,050	2	1,980		
Junior engineer	32.5	2,040	29	2,040	27	1,995		
Laboratory assistant					1.8	2,000		
Junior chemist	1	1,860	1	1,860	1	1,860		
Junior mathematician	2	2,130	2	1,930	1	1,860		
Aeronautical mechanic	6	2,038	5	2,074	5	2,074		
Auronautical laboratory draftsman	2	1,980	2	1,980	2	1,890		
Senior electrician	1	1,860	1	1,860				
Pattern maker	1	2,100	1	2,100	1	2,040		
Carpenter	2	2,040	2	2,040	2	2,040		
Salary range, $1,680 to $2,040; average, $1,860—								
Aeronautical mechanic	3	1,960	3	1,960	3	1,920		
Machinist	3	1,942	3	1,942	2	1,800		
Electrirican	1	1,800	1	1,800	1	1,860		
Coppersmith	2	2,000	2	2,000	1	1,920		
Toolmaker	1	1,920	1	1,920	1	1,920		
Clerk	2	1,800	2	1,800	2	1,680		
Salary range, $1,500 to $1,860; average, $1,680—								
Assistant scientific aid	1	1,500	1	1,500	1	1,500		
Fireman	1	1,680	1	1,680	1	1,680		
Plumber	1	1,620	1	1,620	1	1,620		
Stenographer	1	1,740	1	1,740	2	1,530		
Translator	1	1,800	1	1,800	1	1,800		
Salary range, $1,320 to $1,680; average, $1,500—								
Translator	1	1,440	1	1,440	1	1,440		
Stenographer	1	1,320	1	1,320	1	1,320		
Typist	2	1,440	2	1,440	2	1,320		
Junior clerk (stores)	1	1,500	1	1,500				
Junior aeronautical mechanic	11	1,516	11	1,516	12	1,440		
Automobile mechanic					1	1,440		
Sheet-metal worker	1	1,560	1	1,560	1	1,440		
Fire fighter	1	1,440	1	1,440	1	1,440		
Junior aeronautical laboratory draftsman	1	1,320	1	1,320	1	1,320		
Pipe fitter			0.3	1,500				
Salary range, $1,140 to $1,500; average, $1,320—								
Helper, general	3	1,320	3	1,320	3	1,320		
Under scientific helper	7	1,166	6.6	1,166	4	1,140		
Salary range, $1,020 to $1,260; average, $1,140—								
Aeronautical mechanic's helper	5	1,200	4.5	1,200	4	1,080		
Laborer	3.5	1,080	4	1,080	4	1,080		
Salary range, $600 to $780; average, $690—								
Messenger boy	1	720	1	720	1	720		
Total average number of employees	161		154.4		140.8			
Total salaries and wages, field service		338,924.00		322,905.00		285,838.60		
The difference between 1929 and 1928 is due to—								
Increase in force	$14,475							
Increase in salaries	1,544							
Total increase	16,019							
01 Total personal services		411,484.00		391,531.00		341,574.42		
Supplies and materials:								
0201 Stationery		1,800.00		1,650.00		1,609.16		
0202 Sundry office supplies		1,900.00		1,800.00		1,627.06		
0203 Drafting and artists' supplies		500.00		500.00		475.15		
0204 Photographic supplies		2,100.00		1,800.00		1,705.38		
0205 Cleaning and toilet supplies		700.00		600.00		676.76		
0210 Medical and hospital supplies		50.00		50.00		41.76		
0221 Scientific supplies		1,800.00		1,800.00		1,703.00		
0222 Educational supplies		50.00		50.00		28.00		
0230 Fuel		5,000.00		5,000.00		6,338.75		
0282 Mechanics', engineers', and electricians' supplies, and furnace and foundry supplies		4,800.00		4,800.00		4,753.41		
0284 Miscellaneous (including ice)		300.00		300.00		301.31		
02841 Maintenance of vehicles		650.00		650.00		650.63		
0290 Materials (not specifically allocated at time of purchase)		7,300.00		7,000.00		7,477.35		
0299 Special and miscellaneous materials		50.00		50.00		181.83		
02 Total supplies and materials		27,000.00		26,050.00		27,569.55		
Communication service:								
0500 Telegraph		50.00		50.00		56.78		
0510 Telephone		1,000.00		980.00		927.27		
0520 Other communication service		50.00		50.00		77.70		
05 Total communication service		1,100.00		1,080.00		1,061.75		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

National Advisory Committee for Aeronautics—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
06 Travel expenses	$11,500.00	$11,500.00	$11,595.61
07 Transportation of things	1,500.00	1,500.00	1,397.28
10 Furnishing of heat, light, power, water, and electricity	8,000.00	7,000.00	8,264.34
11 Rent of office	950.00	950.00	694.62
12 Repairs and alterations	3,000.00	3,000.00	5,953.55
13 Special investigations and reports	67,000.00	39,100.00	37,000.00
Equipment:			
3002 Passenger-carrying vehicles (motor)			1,000.00
3010 Furniture, furnishings, and fixtures	1,500.00	1,000.00	3,380.64
3019 Sundry	200.00	200.00	234.02
3021 Educational (books and magazines)	250.00	250.00	243.43
3022 Scientific	5,800.00	6,000.00	5,581.59
30221 Airplanes for flight research	30,000.00		
30222 Propeller research equipment	10,000.00	11,129.00	43,746.40
30223 New type experimental engines	5,000.00	5,000.00	
3051 Heat, light, power, and electrical equipment	1,100.00	1,100.00	1,096.63
3052 Production and construction equipment	1,100.00	1,100.00	1,018.73
3053 Transporting and conveying equipment	100.00	100.00	98.10
3054 Fire-preventing and fire-fighting equipment	76.00	70.00	70.68
3057 Cleaning, sanitation, and renovating equipment	60.00	60.00	60.06
3058 Ventilating and air-purifying equipment	30.00	30.00	29.40
3059 Special and miscellaneous equipment	250.00	250.00	250.00
30 Total equipment	55,466.00	26,289.00	56,809.68
		508,000.00	491,920.80
Unobligated balauce			8,079.20
Reserve		4,000.00	
Total	587,000.00	512,000.00	500,000.00

Printing and Binding, National Advisory Committee for Aeronautics—
For all printing and binding for the National Advisory Committee for Aeronautics, including all of its offices, laboratories, and services located in Washington, District of Columbia, and elsewhere (*U. S. C., p. 1013, sec. 588; act Feb. 11, 1927, vol. 44, p. 1079*) $13,000.00 $13,000.00

08 Printing and binding: Expenditures—1929, $13,000; 1928, $13,000; 1927, $12,995.70.

Total, National Advisory Committee for Aeronautics 600,000.00 525,000.00

PROTECTING INTERESTS OF THE UNITED STATES IN OIL LEASES AND OIL LANDS

Expenditures from prior balances:

13 Expenditures, 1928, $59,000; 1927, $9,019.39.

PUBLIC BUILDINGS AND PUBLIC PARKS OF THE NATIONAL CAPITAL

Salaries, Maintenance and Care of Buildings—
For personal services in the District of Columbia in accordance with the classification act of 1923, [$1,694,000] *$1,724,530*, including not to exceed $25,000 for intermittent and seasonal employees at per diem rates of compensation to be fixed by the director (*U. S. C., p. 1288, sec. 2; act Feb. 11, 1927, vol. 44, p. 1079*) 1,724,530.00 1,694,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average*—		*Average*—		*Average*—	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 3, $3,000 to $3,600; average, $3,300— Associate engineer	1	$3,100	1	$3,000	1	$3,000
Grade 2, $2,400 to $3,000; average, $2,700— Assistant engineer	1	2,600	1	2,600	1	2,600
Subprofessional service—						
Grade 4, $1,500 to $1,860; average, $1,680— Head gardener	1	1,740	1	1,740	1	1,740
Clerical, administrative, and fiscal—						
Grade 12, $5,200 to $6,000; average, $5,600— Senior administrative officer (chief of division)	1	5,200	1	5,200	1	5,200
Grade 10, $3,300 to $3,900; average, $3,600— Junior administrative officer (chief of division)	2	3,500	2	3,500	2	3,500
Grade 9, $3,000 to $3,600; average, $3,300— Senior administrative assistant	2	3,050	2	3,050	2	3,050

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries, Maintenance and Care of Buildings—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service—Continued.						
Salaries—Continued.						
Clerical administrative, and fiscal service—Contd.						
Grade 8, $2,700 to $3,300; average, $3,000—	*Average—*		*Average—*		*Average—*	
Administrative assistant—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Group superintendent	4	$3,000	4	$2,900	4	$2,800
Chief of section	2	3,000	2	3,000	2	3,000
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	2	2,200	2	2,200	2	2,200
Chief stenographer	1	2,200	1	2,200	1	2,200
Grade 5, $1,860 to $2,400; average, $2,100—						
Senior clerk	4	2,010	4	1,980	4	1,950
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	10	1,787	10	1,757	10	1,727
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	24	1,630	24	1,620	24	1,592
Clerk-stenographer	3	1,590	3	1,580	3	1,560
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	4	1,400	4	1,395	4	1,395
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	3	1,240	3	1,220	3	1,200
Custodial service—						
Grade 10, $2,400 to $3,000; average, $2,700—						
Chief mechanical superintendent	2	2,650	2	2,600	2	2,600
Grade 9, $2,100 to $2,700; average, $2,400—						
Assistant mechanical superintendent	6	2,285	6	2,234	6	2,184
Fire marshal	1	2,100	1	2,100	1	2,100
Inspector of guards	1	2,100	1	2,100	1	2,100
Grade 8, $1,860 to $2,400; average, $2,100—						
Principal mechanic	15	2,075	15	2,045	15	2,014
Grade 7, $1,680 to $2,040; average, $1,860—						
Senior mechanic	41	1,832	40	1,792	40	1,761
Chief guard	4	1,820	4	1,802	4	1,802
Grade 6, $1,500 to $1,860; average, $1,680—						
Mechanic	97	1,640	97	1,595	110	1,565
Head guard	10	1,520	10	1,515	10	1,513
General foreman of laborers	7	1,650	7	1,630	7	1,620
Grade 5, $1,320 to $1,680; average, $1,500—						
Junior mechanic	1	1,500	1	1,440	1	1,440
Foreman of laborers	3	1,500	3	1,500	3	1,500
Principal guard	10	1,380	10	1,360	10	1,340
Grade 4, $1,140 to $1,500; average, $1,320—						
Undermechanic	78	1,255	78	1,200	76	1,170
Assistant foreman of laborers	10	1,262	10	1,230	10	1,201
Senior guard	25	1,200	24	1,190	24	1,160
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger	7	1,095	7	1,095	7	1,095
Minor mechanic	24	1,100	20	1,075	20	1,043
Senior laborer	23	1,064	23	1,054	23	1,044
Guard	302	1,063	296	1,045	296	1,034
Grade 2, $900 to $1,140; average, $1,020—						
Junior laborer	728	910	719	903	706	901
Junior laborer	8	375	8	375	8	375
Subordinate mechanic	71	990	71	960	70	930
Grade 1, $600 to $780; average, $690—						
Laborer	1	720	1	720	1	720
Intermittent and seasonal employees—						
Salary range, $1,500 to $1,860; average, $1,680—						
Mechanic	14	1,725	14	1,525		
Total average number of employees	1,554		1,533		1,516	
Total salaries, departmental service		1,752,530		1,708,120		1,667,201
Deduct reimbursement for work done for other departments		28,000		28,000		28,615
01 Total personal services		1,724,530		1,680,120		1,638,586
Unobligated balance						36,914
Reserve				13,880		
Total		1,724,530		1,694,000		1,675,500
The difference between 1929 and 1928 is due to—						
Increase in force	$1,020					
Increase in salaries	15,950					
Acquisition of Emory Building	13,560					
Net increase	30,530					

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
General Expenses, Maintenance and Care of Buildings—		
For general expenses in connection with the maintenance, care, improvement, protection, operation, repair, cleaning, heating, and lighting of the Washington Monument and Grounds; the Lincoln Memorial and reflecting pool; the house where Abraham Lincoln died; grounds surrounding executive departments; and public buildings in the District of Columbia under the jurisdiction of the Office of Public Buildings and Public Parks of the National Capital; [including the installation of a vault in the Navy Building not to exceed $20,000;] *including the installation of an electric elevator in the Winder Building not to exceed $10,000;* rent of buildings in the District of Columbia; city directories; contingent expenses; traveling expenses and car fare not exceeding $300; communication service; professional, scientific, technical, and law books; periodicals and reference books; blank books and forms; photographs; maps; leather and rubber articles *and gas masks* for the protection of public property and employees; *not exceeding $7,000 for uniforms for employees;* the maintenance, repair, exchange, storage, and operation of not to exceed one motor-propelled passenger-carrying vehicle; the purchase, maintenance, and repair of equipment and fixtures; [$725,500] *$857,000* [: *Provided*, That hereafter section 3709 of the Revised Statutes of the United States shall not be construed to apply to any purchase or service rendered for the Office of Public Buildings and Public Parks of the National Capital when the aggregate amount involved does not exceed the sum of $50] *(U. S. C., p. 1288, sec. 2; act Feb. 11, 1927, vol. 44, p. 1079)*	$857,000.00	$725,500.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Supplies and materials:			
0200	Stationery and office supplies	$3,285.00	$3,285.00	$3,287.51
0231	Coal	114,092.00	110,492.00	103,865.04
0233	Petroleum and oils	120,000.00	120,000.00	120,869.82
0234	Gas	4,000.00	4,000.00	3,935.84
0236	Gasoline	5,000.00	5,000.00	5,204.67
0280	Sundry supplies	80,300.00	77,400.00	73,553.34
0290	Materials (stock)	50,000.00	50,000.00	49,631.20
02	Total supplies and materials	376,677.00	370,177.00	360,347.42
	Communication service:			
0500	Telegraph service	10.00	10.00	10.39
0510	Telephone service	3,700.00	3,700.00	3,690.00
05	Total communication service	3,710.00	3,710.00	3,700.39
06	Traveling expenses	78.00	78.00	78.41
07	Transportation of things (service)	1,900.00	1,900.00	1,927.52
08	Photographing	420.00	420.00	420.29
09	Advertising	3.00	3.00	2.97
	Furnishing of heat, light, and power:			
1000	Furnishing of heat (steam)	10,546.00	10,546.00	10,546.44
1030	Furnishing of electricity	142,300.00	139,900.00	136,582.45
10	Total furnishing of heat, light, and power	152,846.00	150,446.00	147,128.89
11	Rent of buildings in the District of Columbia	[1] 122,000.00	75,000.00	
	Repairs and alterations:			
1200	Buildings	109,438.00	29,638.00	23,419.24
1280	Machinery and equipment	27,679.00	27,679.00	27,458.72
12	Total repairs and alterations	137,117.00	57,317.00	50,877.96
13	Special and miscellaneous current expenses	2,100.00	2,100.00	2,134.65
	Equipment:			
3010	Furniture, furnishings, and fixtures	2,785.00	2,785.00	2,784.35
3050	Other equipment	89,185.00	73,385.00	73,384.76
30	Total equipment	91,970.00	76,170.00	76,169.11
32	Structures and parts	179.00	20,179.00	179.00
		889,000.00	757,500.00	642,966.61
	Deduct reimbursement for work done for other departments	32,000.00	32,000.00	36,678.03
		857,000.00	725,500.00	606,288.58
	Unobligated balance			1,661.42
	Total	857,000.00	725,500.00	607,850.00

[1] The sum of $122,000 for item 11 included above is for rent, as follows: Hurley-Wright Building, $75,000; Emory Building, $22,000; Canal Street garage, $12,000; Kalorama Road garage, $13,000.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Printing and Binding—		
For all printing and binding for the office of Public Buildings and Public Parks of the National Capital (*U. S. C., p. 1013, sec. 588; act Feb. 11, 1927, vol. 44, p. 1079*)	$3,450.00	$3,450.00
08 Printing and binding: Expenditures—1929, $3,450; 1928, $3,450; 1927, $3,441.63.		
Total, Office of Public Buildings and Public Parks of the National Capital	2,584,980.00	2,422,950.00

PUBLIC BUILDINGS COMMISSION

Expenditures from prior balances:

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
01 Personal services	$43,000.00	$20,000.00	$42,209.31
02 Supplies and materials	144.00	250.00	297.09
07 Transportation of things	6,000.00	5,000.00	5,644.64
12 Repairs and alterations	53,000.00	34,300.00	51,167.42
30 Equipment			77.50
Total	102,144.00	59,550.00	99,395.96

SMITHSONIAN INSTITUTION

Administrative Office, Smithsonian Institution—

For general administrative office, Smithsonian Institution, including compensation of necessary employees, traveling expenses, purchase of books and periodicals, supplies and equipment, and any other necessary expenses (U. S. C., p. 612, sec. 41) (submitted) 25,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average— *No.*	*Salary*	*Average*— *No.*	*Salary*	*Average*— *No.*	*Salary*
Departmental service:						
Salaries—						
Subprofessional service—						
Grade 5, $1,680 to $2,040; average, $1,860—						
Library assistant	1	$1,680				
Clerical, administrative, and fiscal service—						
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk (property clerk and superintendent of Smithsonian Building)	1	2,400				
Principal clerk	1	2,100				
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk (editorial clerk and correspondence clerk)	2	1,590				
Senior stenographer	1	1,620				
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk (storekeeper)	1	1,500				
Underclerk (clerk in publication office)	1	1,140				
Custodial service—						
Grade 2, $900 to $1,140; average, $1,020—						
Junior laborer	4	1,020				
Assistant messenger	1	1,020				
Minor domestic attendant	1	900				
Grade 1, $600 to $780; average, $690—						
Junior messenger	1	780				
Total average number of employees	16					
01 Total salaries departmental service		20,400				
Supplies and materials:						
0201 Stationery		405				
0202 Sundry office supplies		357				
0204 Photographic supplies		49				
0205 Cleaning and toilet supplies		62				
0232 Wood and kindling		28				
0282 Mechanics', engineers', and electricians' supplies		196				
02 Total supplies and materials		1,097				
03 Subsistence and support of persons		90				
Communication service:						
0501 Land telegraph service		19				
0502 Marine cable		92				
0510 Telephone service		425				
0521 Postal service		218				
05 Total communication service		754				

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Administrative Office, Smithsonian Institution—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Travel expenses:			
0601	Steam railway fares	$233		
0610	Local transportation	159		
06	Total travel expenses	392		
	Transportation of things (service):			
0700	Freight	219		
0710	Express	58		
0730	Drayage	21		
0780	Special and miscellaneous	28		
07	Total transportation of things	326		
	Repairs and alterations:			
1200	Buildings	246		
1280	Machinery and equipment	53		
1290	Special and miscellaneous repairs	63		
12	Total repairs and alterations	362		
	Special and miscellaneous current expenses:			
1370	Special and miscellaneous services	514		
1371	Press clippings	11		
1373	Laundry and towel service	26		
1376	Time clock service	25		
13	Total special and miscellaneous current expenses	576		
	Equipment:			
3011	Chairs	39		
3012	Tables, desks, file cases, etc	103		
3014	Window shades, awnings, etc	166		
3017	Office machines and devices	71		
3018	Desk equipment, waste baskets	19		
3021	Educational equipment	390		
3022	Scientific equipment	121		
3051	Electrical equipment	94		
30	Total equipment	1,003		
	Total	25,000		

International Exchanges, Smithsonian Institution—

International exchanges: For the system of international exchanges between the United States and foreign countries, under the direction of the Smithsonian Institution, including necessary employees, purchase of books and periodicals, and traveling expenses, [$46,855] *$47,855*, of which amount not to exceed $25,000 may be expended for personal services in the District of Columbia (*act Mar. 3, 1881, vol. 21, p. 452, sec. 1; treaty of Brussels, Mar. 15, 1886, vol. 25, p. 1465, sec. 1; act Feb. 11, 1927, vol. 44, p. 1079*) ..... $47,855.00 | $46,855.00

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Departmental service:						
	Salaries—						
	Professional and scientific service—	*Average—*		*Average—*		*Average—*	
	Grade 1, $1,860 to $2,400; average, $2,100—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Junior librarian	2	$1,920	2	$1,920	2	$1,860
	Clerical, administrative, and fiscal service—						
	Grade 9, $3,000 to $3,600; average, $3,300—						
	Senior administrative assistant (disbursing officer)	0.3	3,100	0.3	3,100	0.3	3,000
	Grade 7, $2,400 to $3,000; average, $2,700—						
	Junior administrative assistant (chief clerk)	1	2,600	1	2,600	1	2,500
	Grade 6, $2,100 to $2,700; average, $2,400—						
	Principal clerk	1	2,500	1	2,500	1	2,400
	Grade 3, $1,500 to $1,860; average, $1,680—						
	Assistant clerk	1	1,860	1	1,860	1	1,860
	Grade 2, $1,320 to $1,680; average, $1,500—						
	Junior clerk-stenographer	1	1,440	1	1,440	1	1,380
	Grade 1, $1,140 to $1,500; average, $1,320—						
	Underclerk-typist	1	1,380	1	1,380	1	1,380
	Underclerk	1	1,260	1	1,260	1	1,160
	Custodial service—						
	Grade 4, $1,140 to $1,500; average, $1,320—						
	Assistant foreman of laborers (skilled laborer)	3	1,500	3	1,500	3	1,500
	Grade 3, $1,020 to $1,260; average, $1,140—						
	Messenger					0.4	1,080
	Grade 2, $900 to $1,140; average, $1,020—						
	Junior laborer	3	1,020	3	1,020	2.5	1,020
	Total average number of employees	14.3		14.3		14.2	
01	Total salaries, departmental service		23,473.33		23,473.33		22,803.18

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

International Exchanges, Smithsonian Institution—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Supplies and materials:			
0200 Stationery and office supplies	$76.67	$76.67	$46.57
0205 Cleaning and toilet supplies	70.00	70.00	70.56
0280 Sundry supplies	20.00	20.00	20.14
02 Total supplies and materials	166.67	166.67	137.27
05 Communication service	20.00	20.00	20.88
Transportation of things:			
0700 Freight	17,300.00	16,300.00	16,345.87
0760 Mail transportation	3,000.00	3,000.00	3,000.00
07 Total transportation of things	20,300.00	19,300.00	19,345.87
13 Special and miscellaneous expenses	1,000.00	1,000.00	979.05
Equipment:			
3010 Furniture, furnishings, and fixtures	10.00	10.00	11.57
3017 Office machines and devices	100.00	100.00	104.09
3021 Educational equipment	60.00	60.00	67.63
3053 Transporting and conveying equipment	2,725.00	2,225.00	2,729.71
30 Total equipment	2,895.00	2,395.00	2,913.00
Unobligated balance		46,355.00	45,199.25
Reserve		500.00	60.75
Total	47,855.00	46,855.00	46,260.00

American Ethnology, Smithsonian Institution—

American ethnology: For continuing ethnological researches among the American Indians and the natives of Hawaii, the excavation and preservation of archæologic remains under the direction of the Smithsonian Institution, including necessary employees, the preparation of manuscripts, drawings, and illustrations, the purchase of books and periodicals, and traveling expenses, $58,720, of which amount not to exceed $48,000 may be expended for personal services in the District of Columbia (*U. S. C., p. 614, sec. 61; act Feb. 11, 1927, vol. 44, p. 1079*) $58,720.00 $58,720.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 5, $5,200 to $6,000; average, $5,600— Senior anthropologist (chief)	1	$5,400	1	$5,400	1	$5,200
Grade 4, $3,800 to $5,000; average, $4,400— Anthropologist	4	4,000	4	4,000	3.6	3,800
Grade 2, $2,400 to $3,000; average, $2,700— Assistant anthropologist	2	2,500	2	2,500	1.6	2,400
Subprofessional service—						
Grade 8, $2,400 to $3,000; average, $2,700— Chief scientific illustrator	1	2,500	1	2,500	1	2,400
Grade 5, $1,680 to $2,040; average, $1,860— Library assistant	1	1,920	1	1,920	1	1,860
Grade 2, $1,140 to $1,500; average, $1,320 Minor library assistant	1	1,440	1	1,440	1	1,380
Clerical, administrative, and fiscal service—						
Grade 8, $2,700 to $3,300; average, $3,000— Associate editor	1	3,100	1	3,100	1	3,000
Grade 4, $1,680 to $2,040; average, $1,860— Clerk	2	1,860	2	1,860	2	1,860
Grade 3, $1,500 to $1,860; average, $1,680— Assistant clerk-stenographer	0.6	1,680	0.6	1,680	0.6	1,680
Senior stenographer	2	1,680	2	1,680	2	1,620
Grade 2, $1,320 to $1,680; average, $1,500— Junior stenographer	1	1,560	1	1,560	1	1,465
Grade 1, $1,140 to $1,500; average, $1,320— Underphotographer	1	1,200	1	1,200		
Custodial service—						
Grade 2, $900 to $1,140; average, $1,020— Junior laborer	1	1,020	1	1,020	1.2	960
Total average number of employees	18.6		18.6		17	
01 Total salaries, departmental service		47,340.00		47,340.00		42,422.17

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

American Ethnology, Smithsonian Institution—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Supplies and materials:			
0201	Stationery	$75.00	$75.00	$31.39
0202	Sundry office supplies	80.00	80.00	48.31
0203	Drafting and artists' supplies	2.00	2.00	1.43
0204	Photographic supplies	100.00	100.00	3.03
0205	Cleaning and toilet supplies	75.00	75.00	85.18
0282	Mechanics' and electricians' supplies	25.00	25.00	21.19
02	Total supplies and materials	357.00	357.00	190.53
	Communication service:			
0501	Land telegraph service	10.00	10.00	3.84
0510	Telephone service	115.00	115.00	114.57
05	Total communication service	125.00	125.00	118.41
	Travel expenses:			
0601	Steam or electric railway fare	750.00	600.00	739.74
0610	Local transportation (street car)	10.00	10.00	
0640	Furnishing of food and lodging while in travel status	5,550.00	5,000.00	5,630.73
0650	Sleeping car, chair car, etc	200.00	200.00	176.22
06	Total travel expenses	6,510.00	5,810.00	6,546.69
	Transportation of things (service):			
0700	Freight	100.00	100.00	113.35
0710	Express	50.00	50.00	52.09
0730	Local transportation of things (drayage)	5.00	5.00	4.20
0750	Wharfage			.50
0780	Special and miscellaneous charges incident to transportation of things			18.25
07	Total transportation of things (service)	155.00	155.00	188.39
08	Photographing and making photographic prints	25.00	25.00	23.10
	Repairs and alterations:			
1200	Buildings			16.70
1290	Special and miscellaneous repairs	160.00	100.00	89.10
12	Total repairs and alterations	160.00	100.00	105.80
13	Laundry and towel service	3.00	3.00	1.76
	Equipment:			
3011	Chairs	5.00	5.00	5.10
3012	Desks			
3015	Crockery, glassware, etc			3.67
3017	Office machines and devices	100.00	100.00	105.25
3018	Desk equipment	5.00	5.00	3.25
3021	Educational equipment	3,875.00	3,635.00	7,116.02
3022	Scientific equipment	50.00	50.00	51.53
3051	Electrical equipment			40.55
3053	Conveying equipment	5.00	5.00	5.00
3057	Cleaning equipment	5.00	5.00	3.00
30	Total equipment	4,045.00	3,805.00	7,333.37
			57,720.00	56,930.22
	Unobligated balance			229.78
	Reserve		1,000.00	
	Total	58,720.00	58,720.00	57,160.00

International Catalogue of Scientific Literature, Smithsonian Institution—

International Catalogue of Scientific Literature: For the cooperation of the United States in the work of the International Catalogue of Scientific Literature, including the preparation of a classified index catalogue of American scientific publications for incorporation in the International Catalogue, clerk hire, purchase of books and periodicals, traveling expenses, and other necessary incidental expenses, $7,260, of which amount not to exceed $7,100 may be expended for personal services in the District of Columbia (*acts June 30, 1906, vol. 34, p. 704, sec. 1; Feb. 11, 1927, vol. 44, p. 1080*) $7,260.00 $7,260.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

International Catalogue of Scientific Literature, Smithsonian Institution—Contd.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average*—		*Average*—		*Average*—	
Grade 3, $3,000 to $3,600; average, $3,300—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Associate scientist (assistant in charge)	1	$3,100	1	$3,100	1	$3,000
Subprofessional service—						
Grade 6, $1,860 to $2,400; average, $2,100—						
Senior scientific aid (classifier)	1	2,100	1	2,100	1	2,000
Clerical, administrative, and fiscal service—						
Grade 4, $1,680 to $2,040; average, $1,860—						
Senior stenographer	0.1	1,860	0.1	1,860	0.1	1,860
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	1	1,680	1	1,680	1	1,620
Total average number of employees	3.1		3.1		3.1	
01 Total salaries, departmental service		7,035.00		7,035.00		6,708.27
Supplies and materials:						
0201 Stationery		40.00				
0202 Sundry office supplies		15.00		7.41		6.00
0232 Wood and kindling		10.00				
02 Total supplies and materials		65.00		7.41		6.00
Communicaton service:						
0501 Telegraph service		5.00				
0510 Telephone service		15.00		10.44		10.44
05 Total communication service		20.00		10.44		10.44
12 Special and miscellaneous repairs		25.00		3.75		3.75
13 Special and miscellaneous current expenses		50.00				
30 Office equipment		65.00		3.40		3.40
				7,060.00		6,731.86
Unobligated balance						768.14
Reserve				200.00		
Total		7,260.00		7,260.00		7,500.00

Astrophysical Observatory, Smithsonian Institution—

Astrophysical Observatory: For maintenance of the Astrophysical Observatory, under the direction of the Smithsonian Institution, including assistants, purchase of books, periodicals, and apparatus, making necessary observations in high altitudes, repairs and alterations of buildings, preparation of manuscripts, drawings and illustrations, traveling expenses, and miscellaneous expenses, $32,060, of which amount not to exceed [$29,000] *$29,780* may be expended for personal services in the District of Columbia (*acts Mar. 3, 1891, vol. 26, p. 963, sec. 1; Feb. 11, 1927, vol. 44, p. 1080*) $32,060.00 $32,060.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average*—		*Average*—		*Average*—	
Grade 5, $5,200 to $6,000; average, $5,600—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Senior scientist (director)	1	$5,400	1	$5,400	0.8	$5,200
Grade 4, $3,800 to $5,000; average, $4,400—						
Scientist (research assistant)	2	4,000	2	4,000	2	3,800
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate scientist (director observing station)	2	3,100	2	3,100	2	3,000
Grade 1, $1,860 to $2,400; average, $2,199—						
Junior librarian					0.3	1,860
Subprofessional service—						
Grade 7, $2,100 to $2,700; average, $2,400—						
Principal laboratory mechanic (instrument maker)	1	2,200	1	2,200	1	2,100
Grade 5, $1,680 to $2,040; average, $1,860—						
Scientific aid (bolometric assistants, statistical assistant, computers)	4	1,770	4	1,770	2.9	1,687
Grade 3, $1,320 to $1,680; average, $1,500—						
Under library assistant					0.2	1,320
Grade 1, $900 to $1,260; average, $1,080—						
Library aid					0.2	900
Clerical, administrative, and fiscal service—						
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerks					0.3	1,680
Custodial service—						
Grade 2, $900 to $1,140; average, $1,020—						
Junior laborer					0.1	900
Minor domestic attendant	1	900	1	900		
Total average number of employees	11		11		9.8	
01 Total salaries, departmental service		29,780.00		29,000.00		25,939.31

The difference between 1929 and 1928 is due to increase of force, $3,100.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Astrophysical Observatory, Smithsonian Institution—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Supplies and materials:			
0201	Stationery	$10.00	$15.00	$39.22
0202	Sundry office supplies	50.00	50.00	58.19
0204	Photographic supplies	100.00	100.00	429.90
0221	Scientific supplies	74.00	50.00	42.09
0282	Mechanics', engineers', and electricians' supplies	25.00	25.00	40.12
0292	Metals and metal products	25.00	25.00	51.71
0294	Lumber and wood products			29.80
0296	Paints and painters' materials			6.50
02	Total supplies and materials	284.00	265.00	697.53
03	Subsistence and support of persons	1,540.00	1,339.30	1,849.10
	Communication service:			
0502	Marine cable service	300.00	500.00	510.27
0510	Telephone service	31.20	31.20	31.20
05	Total communication service	331.20	531.20	541.47
	Transportation of things:			
0700	Freight	20.00	20.00	70.23
0710	Express	25.00	25.00	23.32
0730	Drayage	5.00	5.00	4.60
07	Total transportation of things	50.00	50.00	98.15
10	Furnishing of heat, light, power, etc	5.00	5.00	2.03
12	Repairs and alterations	25.00	25.00	8.25
	Special and miscellaneous current expenses:			
1373	Laundry and towel service	2.30	2.00	1.69
1376	Clock regulation service	12.50	12.50	12.50
13	Total special and miscellaneous current expenses	14.80	14.50	14.19
	Equipment:			
3002	Motor vehicles			1,068.00
3011	Chairs	10.00	10.00	8.00
3012	Tables, desks, etc	25.00	25.00	69.41
3017	Office machines and devices	25.00	25.00	60.00
3018	Desk equipment	10.00	10.00	3.50
3021	Educational equipment	200.00	200.00	292.49
3022	Scientific equipment	250.00	50.00	55.55
3052	Production and construction equipment			152.40
3057	Cleaning equipment	10.00	10.00	8.65
3212	Roads			174.50
30	Total equipment	330.00	330.00	1,872.50
			31,550.00	31,022.53
	Unobligated balance			157.47
	Reserve		500.00	
	Total	32,060.00	32,060.00	31,180.00

Additional Assistant Secretary, Smithsonian Institution—

For an additional Assistant Secretary of the Smithsonian Institution, $7,500, during the present incumbency; and in the event of a change in incumbency the salary of such position shall be in accordance with the provisions of the classification act of 1923 and section 2 of this act (*acts June 7, 1924, vol. 43, p. 528; Feb. 11, 1927, vol. 44, p. 1080*) $7,500.00 $7,500.00

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Departmental service:						
	Salaries—						
	Professional and scientific service—	*Average—*		*Average—*		*Average—*	
	Grade 6, $6,000 to $7,500; average, $6,750—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
01	Chief scientist (assistant secretary)	1	$7,500	1	$7,500	1	$6,000

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Furniture and Fixtures, National Museum—		
National Museum: For cases, furniture, fixtures, and appliances required for the exhibition and safekeeping of collections, including necessary employees, [$26,500] *$29,500*, of which amount not to exceed $13,000 may be expended for personal services in the District of Columbia (*U. S. C., p. 613, sec. 50; act Feb. 11, 1927, vol. 44, p. 1080*)	$29,500.00	$26,500.00

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:							
Salaries—							
Custodial service—		*Average*—		*Average*—		*Average*—	
Grade 8, $1,860 to $2,040; average, $2,100—		*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Principal mechanic		1	$2,100	1	$2,100	0.9	$2,100
Grade 7, $1,680 to $2,040; average, $1,860—							
Senior mechanic		1	1,860	1	1,860	0.9	1,860
Grade 6, $1,500 to $1,860; average, $1,680—							
Mechanic		4	1,695	4	1,695	4.2	1,691
Grade 4, $1,140 to $1,500; average, $1,320—							
Undermechanic		1	1,200	1	1,200	1	1,200
Total average number of employees		7		7		7	
01 Total salaries, departmental service			11,940.00		11,940.00		11,880.83
Supplies and materials:							
0246 Sewing supplies			20.00		20.00		2.72
0282 Mechanics, etc., supplies			240.00		240.00		246.64
0292 Metals and metal products			630.00		630.00		632.71
0293 Nonmetallic mineral products			400.00		400.00		385.87
0294 Lumber and wood products			5,000.00		4,000.00		4,194.19
0295 Fiber products			20.00		20.00		10.72
0296 Paints and painters' materials			400.00		400.00		185.73
0297 Leather, etc			20.00		20.00		17.25
02 Total supplies and materials			6,730.00		5,730.00		5,675.83
Equipment:							
3010 Furniture, furnishings, and fixtures			2,000.00		2,000.00		1,791.28
3022 Scientific equipment			8,500.00		6,000.00		4,018.07
3052 Production and construction equipment			275.00		275.00		246.83
3053 Transporting and conveying equipment			55.00		55.00		31.76
30 Total equipment			10,830.00		8,330.00		6,087.94
					26,000.00		23,644.60
Unobligated balance							85.40
Reserve					500.00		
Total			29,500.00		26,500.00		23,730.00

	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Heating and Lighting, National Museum—		
For heating, lighting, electrical, telegraphic, and telephonic service, and traveling expenses, [$79,500] *$83,340*, of which amount not to exceed [$46,000] *$49,840* may be expended for personal services in the District of Columbia (*U. S. C., p. 613, sec. 50; act Feb. 11, 1927, vol. 44, p. 1080*)	83,340.00	79,500.00

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:							
Salaries—							
Clerical, administrative, and fiscal service—		*Average*—		*Average*—		*Average*—	
Grade 1, $1,140 to $1,500; average, $1,320—		*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Underoperater, office devices		2	$1,320	2	$1,320	1.9	$1,234
Custodial service—							
Grade 10, $2,400 to $3,000; average, $2,700—							
Chief mechanical superintendent		1	2,500	1	2,500	1	2,400
Grade 7, $1,680 to $2,040; average, $1,860—							
Senior mechanic		4	1,725	3	1,740	3	1,680
Grade 6, $1,500 to $1,860; average, $1,680—							
Mechanic		9.3	1,641	9.3	1,641	9.3	1,577
Grade 4, $1,140 to $1,500; average, $1,320—							
Undermechanic		8.7	1,250	7.7	1,265	7.8	1,188
Grade 3, $1,020 to $1,260; average, $1,140—							
Minor mechanic		1	1,200	1	1,200	1	1,200
Grade 2, $900 to $1,140; average, $1,020—							
Subordinate mechanic		8.3	1,018	7.3	1,018	7.8	998
Total average number of employees		34.3		31.3		31.8	
01 Total salaries, departmental service			47,880.00		44,040.00		42,644.94
The difference between 1929 and 1928 is due to increase in force, $2,160.							

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Heating and Lighting, National Museum—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Supplies and materials:			
0231	Coal and other solids	$21,000.00	$20,500.00	$19,224.82
0232	Wood	70.00	70.00	71.71
0234	Gas	230.00	230.00	230.00
0282	Mechanics, etc., supplies	3,500.00	3,500.00	3,502.65
0296	Paints	10.00	10.00	11.13
02	Total supplies and materials	24,810.00	24,310.00	23,040.31
	Communication service:			
0500	Telegraph service	120.00	120.00	120.00
0510	Telephone service	1,500.00	1,500.00	1,342.35
0522	Commercial messenger service	200.00	200.00	200.00
05	Total communication service	1,820.00	1,820.00	1,662.35
	Travel expenses:			
0601	Steam or electric railway fares	5.00	5.00	4.74
0610	Local transportation			.62
0640	Furnishing food	5.00	5.00	6.35
06	Total travel expenses	10.00	10.00	11.71
10	Furnishing of heat, light, power, and electricity	3,150.00	3,150.00	4,075.48
12	Repairs and alterations to machinery and equipment	1,000.00	1,000.00	1,504.80
	Special and miscellaneous current expenses:			
1370	Special and miscellaneous services	331.00	331.00	331.22
1375	Rubbish, ashes	370.00	370.00	380.50
1376	Clock-regulation service	77.00	77.00	77.00
13	Total special and miscellaneous current expenses	778.00	778.00	788.72
	Equipment:			
3051	Heat, light, power, electrical equipment	3,552.00	3,552.00	3,679.15
3058	Ventilation and air-purifying equipment, etc.	340.00	340.00	348.15
30	Total equipment	3,892.00	3,892.00	4,027.30
	Reserve on salaries to be carried to credit of surplus fund			199.81
			79,000.00	77,955.42
	Unobligated balance			184.58
	Reserve		500.00	
	Total	83,340.00	79,500.00	78,140.00

Preservation of Collections, National Museum—

For continuing preservation, exhibition, and increase of collections from the surveying and exploring expeditions of the Government, and from other sources, including necessary employees, travel, and all other necessary expenses, and not exceeding $5,500 for preparation of manuscripts, drawings, and illustrations for publications, [$473,510] *$483,110*, of which amount not to exceed [$457,000] *$464,680* may be expended for personal services in the District of Columbia (*U. S. C., p. 613, sec. 50; act Feb. 11, 1927, vol. 44, p. 1080*) $483,110.00 $473,510.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
Grade 5, $5,200 to $6,000; average, $5,600—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Senior biologist	1	$5,400	1	$5,400	1	$5,200
Senior geologist	1	5,400	1	5,400	1	5,200
Senior anthropologist	1	5,400	1	5,400	1	5,200
Grade 4, $3,800 to $5,000; average, $4,400—						
Scientist	16	4,000	16	4,000	15.1	3,785
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate scientist	13	3,092	12	3,100	10.4	2,999
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant scientist	7	2,500	7	2,500	6.8	2,400
Assistant librarian	1	2,800	1	2,800	1	2,700
Grade 1, $1,860 to $2,400; average, $2,100—						
Junior scientist	6	1,920	6	1,920	7.3	1,860
Subprofessional service—						
Grade 7, $2,100 to $2,700; average, $2,400—						
Principal scientific aid	4	2,275	4	2,275	3.2	2,145
Grade 6, $1,680 to $2,400; average, $2,100—						
Senior scientific aid	12	1,943	12	1,943	12.1	1,880
Senior library assistant	1	1,920	1	1,920	0.9	1,860
Senior scientific illustrator	1	1,920	1	1,920	1	1,839

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Preservation of Collections, National Museum—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average—		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Departmental service—Continued.						
Salaries—Continued.						
Subprofessional service—Continued.						
Grade 5, $1,680 to $2,040; average, $1,860—						
Scientific aid	4	$1,740	4	$1,740	2.8	$1,690
Library assistant	3	1,720	3	1,720	2	1,680
Grade 4, $1,500 to $1,860; average, $1,680—						
Assistant scientific aid	5	1,536	5	1,536	4.8	1,502
Grade 3, $1,320 to $1,680; average, $1,500—						
Junior scientific aid	4	1,380	4	1,380	3.4	1,319
Under library assistant	1	1,380	1	1,380	1.3	1,306
Grade 2, $1,140 to $1,500; average, $1,320—						
Under scientific helper	6	1,240	6	1,240	8.9	1,149
Minor library assistant	2	1,200	2	1,200	1.6	1,119
Grade 1, $900 to $1,260; average, $1,080—						
Library aid	1	900	1	900	1.1	900
Minor scientific helper					0.2	900
Clerical, administrative, and fiscal service—						
Grade 12, $5,200 to $6,000; average, $5,600—						
Senior administrative officer (administrative assistant to the Secretary)	1	5,400	1	5,400	1	5,200
Grade 10, $3,300 to $3,900; average, $3,600—						
Senior editor	1	3,400	1	3,400	1	3,300
Grade 9, $3,000 to $3,600; average, $3,300—						
Senior administrative assistant (superintendent of buildings and labor)	1	3,100	1	3,100	1	3,000
Senior administrative assistant (chief of correspondence and documents)	1	3,100	1	3,100	1	3,000
Senior administrative assistant (disbursing agent)	0.7	3,100	0.7	3,100	0.7	3,000
Grade 7, $2,400 to $3,000; average, $2,700—						
Chief photographer	1	2,500	1	2,500	1	2,400
Junior administrative assistant (property clerk)	1	2,500	1	2,500	0.5	2,400
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal accounting and auditing assistant	1	2,500	1	2,500	1	2,400
Principal clerk (appointment clerk)	1	2,400	1	2,400	1	2,300
Principal clerk (property clerk)					0.5	2,100
Principal clerk-stenographer	1	2,200	1	2,200	1	2,100
Principal clerk	1	2,200	1	2,200		
Grade 5, $1,860 to $2,400; average, $2,100—						
Senior clerk	1	1,920	1	1,920	2	1,930
Senior clerk-stenographer	2	2,030	2	2,030	0.9	2,100
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	1	1,740	1	1,740	0.9	1,623
Clerk-stenographer	6	1,750	6	1,750	5.8	1,686
Photographer	1	1,740	1	1,740	0.2	1,680
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	4	1,560	4	1,560	3.6	1,501
Assistant clerk-stenographer	7	1,569	7	1,569	6.7	1,514
Assistant photographer					0.8	1,500
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	2	1,500	2	1,500	2.3	1,445
Junior clerk-typist	1	1,380	1	1,380	0.9	1,181
Junior clerk-stenographer	4	1,425	4	1,425	4.9	1,385
Grade 1, $1,140 to $1,500; average, $1,320—						
Underphotographer	1	1,320	1	1,320	1	1,320
Custodial service—						
Grade 10, $2,400 to $3,000; average, $2,700—						
Chief mechanical superintendent	1	2,500	1	2,500	1	2,400
Grade 6, $1,500 to $1,860; average, $1,680—						
Mechanic	1	1,560	1	1,560	1	1,504
Head guard	1	1,560	1	1,560	1	1,500
Grade 5, $1,320 to $1,680; average, $1,500—						
Foreman of laborers	2	1,500	2	1,500	0.7	1,500
Principal guard	3	1,380	3	1,380	3.6	1,236
Grade 4, $1,140 to $1,500; average, $1,320—						
Assistant foreman of laborers					1.3	1,440
Senior guard	1	1,200	1	1,200	1	1,140
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger	1	1,080	1	1,080	1	1,020
Senior laborer	5	1,080	5	1,080	5	1,020
Guard (watchman)	61	1,081	61	1,081	57.8	1,015
Grade 2, $900 to $1,140; average, $1,020—						
Assistant messenger	2	960	2	960	2.2	890
Junior laborer	43	964	43	964	43.3	897
Junior laborer (charwoman)	54	396	54	396	57.5	382
Grade 1, $600 to $780; average, $690—						
Junior messenger	5	732	5	732	5.1	634
Temporary services of watchman for Sunday opening of buildings	1.5	1,000	1.5	1,000	1.5	1,000
Total average number of employees	312.2		311.2		309.6	
01 Total salaries, departmental service		463,419.00		454,088.00		423,871.67
The difference of $9,331 between 1929 and 1928 is to provide for reallocated salaries and an adjustment on salaries of char force.						
Supplies and materials:						
0201 Stationery		2,050.00		1,312.00		2,055.23
0202 Sundry office supplies		500.00		100.00		504.06
0203 Drafting and artists supplies		15.00		15.00		14.75
0204 Photographic supplies		870.00		600.00		863.85
0205 Cleaning and toilet supplies		2,425.00		2,100.00		2,419.90
0221 Scientific supplies		2,325.00		2,100.00		2,324.80
0241 Outer garments		1,200.00				
0246 Sewing supplies		100.00		25.00		99.79
0274 Ammunition for revolvers, etc		55.00		25.00		55.49
0282 Mechanics', etc., supplies		925.00		600.00		923.25
0284 Miscellaneous supplies		265.00		160.00		245.49
0292 Metals and metal products		135.00		85.00		134.49
0293 Nonmetallic mineral products		150.00		100.00		152.60

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Preservation of Collections, National Museum—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Supplies and materials—Continued.			
0294	Lumber and wood products	$40.00	$20.00	$42.92
0295	Fiber products			2.40
0296	Paints and painters' supplies	350.00	100.00	364.02
0297	Hides, pelts, leather	15.00		15.98
02	Total supplies and materials	11,420.00	7,342.00	10,219.02
05	Communication service (post-office box rent)	16.00	16.00	16.00
	Travel expenses:			
0601	Steam or electric railway fares	2,500.00	500.00	874.94
0602	Fares by water	300.00	16.00	16.85
0604	Long distance stage			10.70
0610	Local transportation	60.00	60.00	61.24
0630	Per diem	60.00	60.00	33.00
0640	Food and lodging	930.00	300.00	455.63
0650	Sleeping car, chair car	200.00	200.00	175.96
0690	Special and miscellaneous	150.00	64.00	215.52
06	Total travel expenses	4,200.00	1,200.00	1,843.84
07	Transportation of things	3,500.00	4,000.00	4,612.72
	Special and miscellaneous current expenses:			
1370	Special and miscellaneous services	2,650.00	3,000.00	4,757.44
1375	Rubbish, etc	45.00	45.00	45.00
13	Total special and miscellaneous expenses	2,695.00	3,045.00	4,802.44
	Equipment:			
3018	Desk equipment, receptacles	20.00	50.00	74.46
3021	Educational equipment, Museum stock (specimens)	1,000.00	1,300.00	1,520.97
3022	Scientific equipment	700.00	1,300.00	1,430.36
3053	Transporting and conveying equipment	10.00	39.00	31.76
3054	Fire preventing and fire fighting	130.00	130.00	121.28
30	Total equipment	1,860.00	2,819.00	3,178.83
	Reserve on salaries to be carried to surplus fund			1,000.00
			472,510.00	449,544.52
	Unobligated balance			455.48
	Reserve		1,000.00	
	Total	483,110.00	473,510.00	450,000.00

Buildings, National Museum: Repairs—

For repairs of buildings, shops, and sheds, including all necessary labor and material, [$13,000] *$17,610*, of which amount not to exceed [$8,620] *$10,360* may be expended for personal services in the District of Columbia (*U. S. C., p. 613, sec. 50; act Feb. 11, 1927, vol. 44, p. 1080*) $17,610.00 $13,000.00

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Departmental service:						
	Salaries—						
	Custodial service—						
	Grade 6, $1,500 to $,1860; average, $1,680—	*Average—*		*Average—*		*Average—*	
	Mechanic	*No.* 5	*Salary* $1,645	*No.* 4	*Salary* $1,635	*No.* 4.4	*Salary* $1,659
	Grade 4, $1,140 to $1,500; average, $1,320—						
	Undermechanic	1	1,140	1	1,140	1	1,140
	Total average number of employees	6		5		5.4	
01	Total salaries, departmental service		9,360.00		7,680.00		8,473.84
	The difference between 1929 and 1928 is due to increase in force, $1,680.						
	Supplies and materials:						
0282	Mechanics, etc., supplies		100.00		100.00		108.71
0283	Miscellaneous supplies		200.00		200.00		198.59
0292	Metals and metal products		450.00		450.00		454.42
0293	Nonmetallic mineral products		80.00		80.00		83.00
0294	Lumber and wood products		100.00		100.00		45.76
0295	Fiber products		10.00		10.00		7.29
0296	Paints and painter's materials		2,530.00		1,600.00		1,581.37
02	Total supplies and materials		3,470.00		2,540.00		2,479.14
12	Repairs and alterations		4,000.00		2,000.00		754.68
13	Special and miscellaneous service		780.00		280.00		100.56
	Reserve on salaries to be carried to credit of surplus fund						38.10
					12,500.00		11,846.32
	Unobligated balance						153.68
	Reserve				500.00		
	Total		17,610.0.		13,000.00		12,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Books, National Museum—		
For purchase of books, pamphlets, and periodicals for reference (*U. S. C., p. 613, sec. 50; act Feb. 11, 1927, vol. 44, p. 1080*)	$2,000.00	$1,500.00
3021 Educational equipment, library stock: Expenditures—1929, $2,000; 1928, $1,500; 1927, $1,497.		
Postage, National Museum—		
For postage stamps and foreign postal cards (*U. S. C., p. 613, sec. 50; act Feb. 11, 1927, vol. 44, p. 1080*)	450.00	450.00
0520 Communication service (postage): Expenditures—1929, $450; 1928, $450; 1927, $450.		
Gallery, National Museum—		
[For the construction of a gallery over the west end of the main hall of the Smithsonian Building, second floor, including cost of all labor, material, and incidental expenses] (*act Feb. 11, 1927, vol. 44, p. 1080*)		12,500.00
32 Construction of gallery: Expenditures—1928, $12,500.		
National Gallery of Art, Smithsonian Institution—		
National Gallery of Art: For the administration of the National Gallery of Art by the Smithsonian Institution, including compensation of necessary employees, purchase of books of reference and periodicals, traveling expenses and necessary incidental expenses, $30,356, of which amount not to exceed $27,000 may be expended for personal services in the District of Columbia (*U. S. C., p. 613, sec. 50; act Feb. 11, 1927, vol. 44, p. 1080*)	30,356.00	30,356.00

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Departmental service:						
	Salaries—						
	Professional and scientific service—	*Average—*		*Average—*		*Average—*	
	Grade 5, $5,200 to $6,000; average, $5,600—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Director, National Gallery of Art	1	$5,400	1	$5,400	1	$5,200
	Clerical, administrative, and fiscal service—						
	Grade 4, $1,680 to $2,040; average, $1,860—						
	Clerk and principal stenographer	1.8	1,860	1.8	1,860	1.8	1,860
	Grade 2, $1,320 to $1,680; average, $1,500—						
	Junior stenographer	1	1,560	1	1,560	1	1,500
	Grade 1, $1,140 to $1,500; average, $1,320—						
	Underclerk	1	1,440	1	1,440	1	1,380
	Custodial service—						
	Grade 6, $1,500 to $1,860; average, $1,680—						
	Mechanic (cabinet maker and painter)	0.5	1,680	0.5	1,680	0.3	1,590
	Grade 3, $1,020 to $1,260; average, $1,140—						
	Guard (watchman)	8	1,080	8	1,080	8	1,020
	Grade 2, $900 to $1,140; average, $1,020—						
	Junior laborer	2	1,020	2	1,020	2.1	1,020
	Minor domestic attendant	1.2	960	1.2	960	0.2	900
	Junior laborer (charwoman)	5	376	5	376	5	376
	Total average number of employees	21.5		21.5		20.4	
01	Total salaries, departmental service		26,410.00		26,410.00		24,285.25
	Supplies and materials:						
	0201 Stationery		60.00		60.00		57.24
	0204 Photographic supplies		500.00		500.00		464.13
	0282 Mechanics', engineers', and electricians' supplies		25.00		25.00		24.74
	0294 Lumber and wood products		110.00		110.00		102.63
02	Total supplies and materials		695.00		695.00		648.74
05	Telegraph service		15.00		15.00		.24
	Travel expenses:						
	0601 Steam or electric railway fares		75.00		75.00		29.40
	0610 Local transportation		25.00		25.00		21.00
	0640 Furnishing of food and lodging while in travel status		50.00		50.00		14.00
	0650 Sleeping car, chair car, fares		15.00		15.00		5.63
06	Total travel expenses		165.00		165.00		70.03
	Transportation of things (service):						
	0700 Freight		50.00		50.00		
	0710 Express		25.00		25.00		14.31
	0730 Local transportation of things (drayage)		25.00		25.00		20.85
07	Total transportation of things (service)		100.00		100.00		35.16
	Repairs and alterations:						
	1200 Buildings		690.00		690.00		916.00
	1290 Special and miscellaneous repairs and alterations		50.00		50.00		1.25
12	Total repairs and alterations		740.00		740.00		917.25
13	Special and miscellaneous services		56.00		56.00		600.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

National Gallery of Art, Smithsonian Institution—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Equipment;			
3010 Furniture, furnishings, and fixtures	$900.00	$900.00	$820.00
3014 Wall coverings	100.00	100.00	
3017 Office machines and devices	50.00	50.00	50.00
3018 Desk equipment	25.00	25.00	
3021 Educational equipment	1,100.00	600.00	1,084.46
30 Total equipment	2,175.00	1,675.00	2,674.46
Unobligated balance		29,856.00	29,231.13
Reserve		500.00	149.87
Total	30,356.00	30,356.00	29,381.00

Printing and Binding, Smithsonian Institution—

Printing and binding: For all printing and binding for the Smithsonian Institution, including all of its bureaus, offices, institutions, and services located in Washington, District of Columbia, and elsewhere, $90,000, of which not to exceed $7,000 shall be available for printing the report of the American Historical Association: *Provided*, That the expenditure of this sum shall not be restricted to a pro rata amount in any period of the fiscal year (*U. S. C., p. 1013, sec. 588; p. 1435, sec. 289; act Feb. 11, 1927, vol. 44, p. 1080–1081*) ..... $90,000.00 | $90,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Printing and binding the annual reports of the Board of Regents, with general appendixes, the editions of which shall not exceed 10,000 copies	$10,500.00	$10,500.00	$11,199.78
Under the Smithsonian Institution: Annual reports of the National Museum, with general appendixes; printing labels and blanks, and bulletins and proceedings of the National Museum, the editions of which shall not exceed 4,000 copies; binding, in half morocco or material not more expensive, scientific books and pamphlets presented to or acquired by the National Museum library	44,000.00	44,000.00	43,230.06
Annual reports and bulletins of the Bureau of American Ethnology, and miscellaneous printing and binding for the bureau	26,800.00	26,800.00	26,499.60
Annual report of the National Gallery of Art and printing catalogues, labels, and blanks	500.00	500.00	500.00
Miscellaneous printing and binding for the international exchanges	300.00	300.00	284.90
International Catalogue of Scientific Literature	100.00	100.00	53.21
National Zoological Park	300.00	300.00	173.48
Astrophysical Observatory	500.00	500.00	280.08
Annual report of the American Historical Association	7,000.00	7,000.00	7,000.00
08 Total	90,000.00	90,000.00	89,221.11

Permanent specific appropriation:

Expenses of Smithsonian Institution—Interest Account—

Interest on the trust fund of $1,000,000 derived from the bequest of James Smithson and others to be used for the erection of buildings and expenses of the Smithsonian Institution (*U. S. C., p. 613, secs. 54, 55*) ..... 60,000.00 | 60,000.00

13 General expenses of the Smithsonian Institution: Expenditures—1929, $60,000; 1928, $60,000; 1927, $60,000.

[Hereafter section 3709 of the Revised Statutes of the United States shall not be construed to apply to any purchase or service rendered for the bureaus under the Smithsonian Institution when the aggregate amount involved does not exceed the sum of $50.]

Total under Smithsonian Institution ..... 974,761.00 | 939,711.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
TARIFF COMMISSION		
United States Tariff Commission—		
For salaries and expenses of the United States Tariff Commission, including purchase and exchange of labor-saving devices, the purchase of professional and scientific books, law books, books of reference, gloves and other protective equipment for photostat and other machine operators, payment in advance for subscriptions to newspapers and periodicals, and contract stenographic reporting services, as may be necessary, as authorized under Title VII of the act entitled "An act to increase the revenue, and for other purposes," approved September 8, 1916, and under sections 315, 316, 317, and 318 of the act entitled "An act to provide revenue, to regulate commerce with foreign countries, to encourage the industries of the United States, and for other purposes," approved September 21, 1922, [$673,500] *$738,000*, of which amount not to exceed [$551,780] *$562,470* may be expended for personal services in the District of Columbia and not to exceed $2,000 for expenses, except membership fees, of attendance at meetings concerned with subjects under investigation by the commission: *Provided*, That no part of this appropriation shall be used to pay the salary of any member of the United States Tariff Commission who shall hereafter participate in any proceedings under said sections 315, 316, 317, and 318 of said act, approved September 21, 1922, wherein he or any member of his family has any special, direct, and pecuniary interest, or in which he has acted as attorney or special representative (*U. S. C., p. 259, secs. 91–106; p. 275, secs. 154–158; p. 578, secs. 174–190; act Feb. 11, 1927, vol. 44, p. 1081*)	$738,000.00	$673,500.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Clerical, administrative, and fiscal service—	*Average*—		*Average*—		*Average*—	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 14, $7,500 and over—						
Special executive officer (commissioners)	6	$7,500	6	$7,500	6	$7,476
Grade 13, $6,000 to $7,500; average, $6,750—						
Executive accountant and auditor (chief investigator)	1	6,000	1	6,000	1	6,000
Grade 12, $5,200 to $6,000; average, $5,600—						
Senior administrative officer (secretary)	1	6,000	1	6,000	1	5,250
Grade 11, $3,800 to $5,000; average, $4,400—						
Assistant chief accountant and auditor (chief of division)	1	4,000	1	4,000	1	4,000
Assistant chief investigator	1	4,000	1	4,000	1	4,000
Grade 9, $3,000 to $3,600; average, $3,300—						
Senior administrative assistant (assistant to the Secretary)	1	3,400	1	3,400	1	3,400
Accountant and auditor	4	3,000	4	3,000	3	3,067
Grade 7, $2,400 to $3,000; average, $2,700—						
Assistant accountant and auditor	14	2,500	13	2,521	11.3	2,607
Assistant editor	1	3,000	1	3,000	1	3,000
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk (chief of section)	3	2,400	3	2,333	3	2,300
Principal accounting and auditing assistant	6	2,300	8	2,320	8	2,312
Principal translator	1	2,500			0.2	2,700
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	4	2,000	4	2,055	5.3	2,104
Head stenographer (chief of section)	1	1,920	1	1,920	0.9	1,920
Senior clerk-stenographer	7	2,332	7	2,332	5.9	2,330
Senior accounting and auditing assistant	4	1,980	5	1,960	4.9	1,956
Senior transportation clerk	1	1,920	1	1,920	1	1,912
Senior office draftsman	1	1,920	1	1,920	1	1,912
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	17	1,856	15	1,856	15.5	1,854
Principal stenographer	3	1,800	3	1,760	2.8	1,782
Clerk-stenographer	4	1,920	4	1,920	3.9	1,946
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	8	1,620	7	1,645	6.8	1,645
Senior stenographer	10	1,580	10	1,596	9.8	1,586
Assistant clerk-stenographer	1	1,860	1	1,860	1	1,834
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	12	1,380	12	1,350	10	1,313
Junior stenographer	5	1,440	4	1,470	5.8	1,403
Junior clerk-typist	1	1,560	1	1,560	1	1,560
Junior operator office devices	5	1,440	3	1,460	4.5	1,388
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	1	1,260	1	1,260	0.7	1,260
Underoperator office devices	1	1,380	1	1,380	1	1,380
Custodial service—						
Grade 5, $1,320 to $1,680; average, $1,500—						
Junior mechanic	1	1,560	1	1,560	1	1,560
Grade 4, $1,140 to $1,500; average, $1,320—						
Head messenger			1	1,320	1	1,320
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger	5	1,140	4	1,125	4.3	1,139
Professional and scientific service—						
Grade 5, $5,200 to $6,000; average, $5,600—						
Senior economic analyst (chief of division)	3	5,600	3	5,600	2.7	5,802
Senior attorney (chief of division)	1	5,200	1	5,200	1	5,200
Grade 4, $3,800 to $5,000; average, $4,400—						
Economic analyst (chief of division)	7	4,400	7	4,400	4	4,250
Economic analyst	19	4,200	19	4,127	18.6	4,195

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

United States Tariff Commission—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service—Continued.						
Salaries—Continued.						
Professional and scientific service—Continued.	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate economic analyst (chief of division)	2	$3,300	2	$3,300	2	$3,294
Associate economic analyst	20	3,230	20	3,230	18.4	3,283
Associate attorney	1	3,200	1	3,200	0.8	3,200
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant economic analyst	14	2,707	14	2,707	13.3	2,701
Assistant attorney					0.2	2,800
Assistant librarian	1	2,600	1	2,600	1	2,587
Grade 1, $1,860 to $2,400; average, $2,111.42—						
Junior economic analyst	7	1,920	6	1,953	4.3	2,007
Junior librarian	1	2,200	1	2,200	1	2,200
Subprofessional service—						
Grade 4, $1,500 to $1,860; average, $1,680—						
Junior library assistant	1	1,740	1	1,740	0.9	1,740
Grade 3, $1,320 to $1,680; average, $1,500—						
Under library assistant					0.1	1,680
Total average number of employees	209		203		193.9	
Total salaries, departmental service		562,470.00		551,780.00		521,361.72
The difference between 1929 and 1928 is due to—						
Increase in force	$9,672.00					
Increase in salaries	1,018.00					
Net increase	10,690.00					
Field service:						
Salaries and wages—						
Salary range, $6,000 to $7,500; average, $6,750—						
Representative in charge					0.8	6,000
Salary range, $5,200 to $6,000; average, $5,600—						
Representative in charge	1	5,600	1	5,600		
Special expert					1	5,200
Salary range, $3,800 to $5,000; average, $4,400—						
Chief of office	1	4,500	1	4,500	1	4,500
Special expert	1	4,000			0.2	4,800
Salary range, $3,300 to $3,900; average, $3,600—						
Special expert	2	3,600	2	3,675	2	3,734
Salary range, $2,700 to $3,300; average, $3,000—						
Special expert	2	2,750	2	2,750	2.6	2,747
Assistant investigator	1	2,800	1	2,800	1	2,800
Salary range, $2,400 to $3,000; average, $2,700—						
Special expert	2	2,500	4	2,472	2.2	2,498
Salary range, $1,860 to $2,400; average, $2,100—						
Special expert	5	2,000	4	2,100	3.2	2,013
Senior clerk	2	2,000	2	1,860	2	1,860
Salary range, $1,500 to $1,860; average, $1,680—						
Special expert	3	1,620	3	1,620	2.9	1,533
Clerk	1	1,800	1	1,800	1.5	1,712
Messenger	1	1,500	1	1,500	1	1,500
Salary range, $900 to $1,140; average, $1,020—						
Clerk	2	900	2	900	1	900
Total average number of employees	24		24		22.4	
Total salaries and wages, field service		58,560.00		57,720.00		58,130.11
The difference between 1929 and 1928 is due to increase in salaries, $840.						
01 Total personal services		621,030.09		609,500.00		[1] 579,966.06
Supplies and materials:						
0200 Stationery and office supplies		6,000.00		5,000.00		3,971.07
0210 Medical and hospital supplies		10.00		10.00		
0220 Educational and scientific supplies		2,000.00		1,500.00		2,007.63
0280 Sundry supplies		500.00		490.00		375.88
02 Total supplies and materials		8,510.00		7,000.00		6,354.58
Communication service:						
0500 Telegraph service		700.00		200.00		771.01
0510 Telephone service		1,900.00		1,800.00		1,877.96
05 Total communication service		2,600.00		2,000.00		2,648.97
Travel expenses:						
0600 Commercial transportation		37,000.00		21,500.00		33,736.48
0610 Local transportation		1,000.00		1,000.00		911.22
0630 Per diem in lieu of subsistence		53,000.00		23,500.00		52,622.49
0690 Miscellaneous expenses incident to travel		3,000.00		1,000.00		2,712.96
06 Total travel expenses		94,000.00		47,000.00		89,983.15
07 Transportation of things		100.00		100.00		76.98
08 Stenographic service		5,000.0		3,500.00		1,981.80
11 Rent of office building		760.00		720.00		843.13
12 Repairs and alterations		500.00		300.00		762.88
13 Special and miscellaneous expenses		500.00		380.00		190.66
30 Furniture, furnishings, and fixtures		5,000.00		3,000.00		6,282.47
						689,090.68
Unobligated balance						1,409.32
Total		738,000.00		673,500.00		690,500.00

[1] Special temporary service included, $474.23.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Printing and Binding, United States Tariff Commission— For all printing and binding for the Tariff Commission (*U. S. C., p. 1013, sec. 588; act Feb. 11, 1927, vol. 44, p. 1081*)	$11,000.00	$8,500.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
0201	Printed forms and letterheads	$800.00	$600.00	$718.10
0800	Printing and binding (surveys, etc.)	10,200.00	7,900.00	7,781.90
	Total	11,000.00	8,500.00	8,500.00

Total, United States Tariff Commission	749,000.00	682,000.00

UNITED STATES GEOGRAPHIC BOARD

Salaries and Expenses, United States Geographic Board— For salaries and expenses of the United States Geographic Board, including personal services in the District of Columbia, in accordance with the classification act of 1923, and for stationery and office supplies, [$3,645] *$3,660* [: *Provided*, That the certificates by the Civil Service Commission issued June 29, 1926, and September 18, 1926, authorizing continuance in the service and transferring the present chairman of the United States Geographic Board from the Department of Agriculture with the same grade and salary, to the appropriation for salaries and expenses United States Geographic Board, are hereby confirmed and validated, and the appropriation made by this act and that made by the act approved July 3, 1926 (Forty-fourth Statutes at Large, page 841), are made available for the payment of the salary of the present chairman of the United States Geographic Board for the fiscal years 1927 and 1928] (*U. S. C., p. 36, sec. 117; act Feb. 11, 1927, vol. 44, p. 1081*) | 3,660.00 | 3,645.00 |

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:							
Salaries—							
Clerical, administrative, and fiscal service—							
Grade 10, $3,300 to $3,900; average, $3,600—		*Average—*		*Average—*		*Average—*	
	Chairman of the United States Geographic Board	*No.* 1	*Salary* $3,600	*No.* 1	*Salary* $3,600	*No.* 0.8	*Salary* $3,600
	Total average number of employees	1		1		0.8	
01	Total salaries, departmental service		3,600		3,600		2,800
02	Stationery and office supplies		50.00		45.00		14.92
05	Foreign postage		10.00				
	Total		3,660.00		3,645.00		2,814.92

Printing and Binding, United States Geographic Board— For stationery and printing and binding (*U. S. C., p. 1013, sec. 588; act Feb. 11, 1927, vol. 44, p. 1081*)	640.00	300.00
08 Printing decision leaflets, circular letters, forms and supplemental reports: Expenditures— 1929, $640; 1928, $300; 1927, $424.88.		
Total under United States Geographic Board	4,300.00	3,945.00

UNITED STATES SHIPPING BOARD

Salaries and Expenses, United States Shipping Board— For seven commissioners, at $12,000 each per annum (*U. S. C., p. 1530, sec. 804; p. 1531, sec. 805; act Feb. 11, 1927, vol. 44, p. 1081*)	84,000.00	84,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Salaries and Expenses, United States Shipping Board—Continued. For all other expenditures authorized by the act approved September 7, 1916, as amended, and by the act approved June 5, 1920, including the compensation of a secretary to the board, attorneys, officers, naval architects, special experts, examiners, and clerks, including one admiralty counsel at $10,000 per annum, and other employees in the District of Columbia and elsewhere; and for all other expenses of the board including the rental of quarters outside the District of Columbia, law books, books of reference, periodicals, and traveling expenses of members of the board, its special experts, and other employees, while upon official business away from their designated posts of duty, and for the employment by contract or otherwise of expert stenographic reporters for its official reporting work, and including the investigation of foreign discrimination against vessels and shippers of the United States and for the investigation of transportation of immigrants in vessels of the United States Shipping Board [$199,000] *$195,750*, of which amount not to exceed [$170,131] *$165,000* may be expended for personal services in the District of Columbia (*same acts*)	$195,750.00	$199,000.00
	279,750.00	283,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Clerical, administrative, and fiscal service—	*Average—*		*Average—*		*Average—*	
Grade 14, $7,500 and over—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Commissioner	7	$12,000	7	$12,000	7	$12,000
Grade 12, $5,000 to $6,000; average, $5,600—						
Senior administrative officer (secretary)	1	5,600	1	5,600	1	5,373
Grade 11, $3,800 to $5,000; average, $4,400—						
Administrative officer (administrative assistant to chairman)					0.1	4,200
Assistant chief accountant and auditor					0.8	5,000
Grade 10, $3,300 to $3,900; average, $3,600—						
Junior administrative officer (assistant secretary) (assistant to director bureau of research)	1	3,600	1	3,600	1.1	3,523
Grade 9, $3,000 to $3,600; average, $3,300—						
Senior administrative assistant (chief clerk)	1	3,500	1	3,500	1	3,500
Business specialist (assistant to chief statistician)	1	3,000	1	3,000	1	3,000
Grade 8, $2,700 to $3,300; average, $3,000—						
Administrative assistant (chief office supply division)	1	3,000	1	3,000	1	3,000
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant	5	2,820	5	2,820	5	2,820
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	3	2,467	3	2,467	3	2,467
Principal clerk-stenographer	1	2,600	1	2,600	1	2,600
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	3	2,153	3	2,153	2.6	2,135
Senior transportation-rate and traffic clerk	1	1,860	1	1,860	1	1,860
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	4	1,830	4	1,830	3.8	1,847
Chief stenographer	1	1,920	1	1,920	1	1,920
Grade 3, $1,500 to $1,860; average, $1,680—						
Senior stenographer	3	1,720	3	1,720	3	1,720
Assistant clerk	6	1,640	6	1,640	5.2	1,558
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior stenographer	5	1,608	5	1,608	5	1,590
Senior typist	4	1,530	4	1,530	4	1,530
Junior clerk	13	1,412	13	1,412	11.6	1,413
Junior operator, office devices	1	1,440	1	1,440	1	1,440
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	3	1,320	3	1,320	3.8	1,298
Junior operator, office devices	3	1,320	3	1,320	3	1,320
Professional and scientific service—						
Grade 7, $7,500 and over—						
Admiralty counsel	1	10,000	1	10,000	1	10,000
Grade 6, $6,000 to $7,500; average, $6,750—						
Chief attorney	1	7,500	1	7,500	1	7,500
Grade 5, $5,200 to $6,000; average, $5,600—						
Senior attorney	1	5,200	1	5,200	1	5,200
Grade 4, $3,800 to $5,000; average, $4,400—						
Attorney	1	4,000	1	4,000	1.1	4,016
Economic analyst	0.2	4,200	0.2	4,200	0.2	4,200
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant attorneys	2	2,550	2	2,550	1.9	2,665
Subprofessional service—						
Grade 4, $1,500 to $1,860; average, $1,680—						
Junior library assistant	1	1,680	1	1,680	1	1,583
Custodial service—						
Grade 7, $1,680 to $2,040; average, $1,860—						
Senior mechanic	1	2,040	1	2,040	1	2,003
Grade 4, $1,140 to $1,500; average, $1,320—						
Assistant foreman of laborers	1	1,200	1	1,200	1	1,200
Grade 3, $1,020 to $1,260; average, $1,140—						
Senior laborers	2	1,080	2	1,080	2	1,080
Grade 2, $900 to $1,140; average, $1,020—						
Junior laborers	3	1,000	3	1,000	3	992
Total average number of employees	82.2		82.2		81.2	
01 Total salaries, departmental service		243,920.00		243,956.00		245,015.62

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, United States Shipping Board—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Supplies and materials:			
0200 Stationery and office supplies	$4,000.00	$6,000.00	$5,699.72
0220 Scientific and educational supplies	450.00	450.00	416.76
0230 Fuel	400.00	400.00	342.80
0280 Sundry supplies	200.00	200.00	178.47
02 Total supplies and materials	5,050.00	7,050.00	6,637.75
Communication service:			
0500 Telegraph service	500.00	500.00	496.68
0510 Telephone service	2,800.00	2,800.00	2,741.63
05 Total communication service	3,300.00	3,300.00	3,238.31
06 Travel expenses	15,000.00	15,500.00	14,487.31
08 Stenographic work—Typewriting (job work)	180.00	180.00	171.60
11 Rents	7,200.00	6,000.00	5,996.28
12 Repairs and alterations	600.00	600.00	570.92
Equipment:			
3010 Furniture, furnishings, and fixtures	2,200.00	2,200.00	2,189.81
3020 Educational, scientific, and recreational equipment	1,300.00	1,300.00	1,226.90
3050 Other equipment	1,000.00	2,414.00	2,024.31
30 Total equipment	4,500.00	5,914.00	5,441.02
			281,588.81
Unobligated balance			10,411.19
Reserve		500.00	
Total	279,750.00	283,000.00	292,000.00

Printing and Binding, United States Shipping Board—

For all printing and binding for the United States Shipping Board, including all of its bureaus, offices, institutions, and services located in Washington, District of Columbia, and elsewhere (*U. S. C., p. 1013, sec. 588; act Feb. 11, 1927, vol. 44, p. 1081*) ..... $9,000.00 | $7,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
0211 Printed forms and letterheads	$3,000.00	$500.00	$569.10
0800 Printing and binding	2,500.00	3,700.00	2,210.42
0810 Planographing	3,500.00	3,800.00	3,218.34
			5,997.86
Unobligated balance			2.14
Total	9,000.00	7,000.00	6,000.00

United States Shipping Board Shipping Fund—

For expenses of the United States Shipping Board Merchant Fleet Corporation during the fiscal year ending June 30 [1928] *1929*, for administrative purposes, the examination of estimates of appropriations in the field, miscellaneous adjustments, losses due to the maintenance and operation of ships, for the repair of ships, and for carrying out the provisions of the merchant marine act, 1920, (a) the amount on hand July 1, [1927] *1928*, but not in excess of the sums sufficient to cover all obligations incurred prior to July 1, [1927] *1928*, and then unpaid; (b) [$12,000,000] *$13,400,000* [and in addition not to exceed $5,000,000 of the special appropriation of $10,000,000 contained in the independent offices appropriation act for the fiscal year 1927 and reappropriated by this act to be used without the prior approval of the President]; (c) the amount received during the fiscal year ending June 30, [1928] *1929*, from the operation of ships: *Provided*, That no part of these sums shall be used for the payment of claims other than those resulting from current operation and maintenance; (d) so much of the total proceeds of all sales pertaining to liquidation received during the fiscal year [1928] *1929*, but not exceeding [$3,000,000] *$2,225,000*, as is necessary to meet the expenses of liquidation, including also the cost of the tie-up and the salaries and expenses of the personnel directly engaged in liquidation: *Provided*, That no part of this sum shall be used for the payment of claims (*U. S. C., p. 1532, sec. 810; act Feb. 11, 1927, vol. 44, p. 1081*) ..... 13,400,000.00 | 12,000,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
United States Shipping Board Shipping Fund—Continued.		
That portion of the special claims appropriation, contained in the independent offices appropriation act for the fiscal year 1923, committed prior to July 1, 1923, and remaining unexpended on June 30, [1927] *1928*, shall continue available until June 30, [1928] *1929*, for the same purposes and under the same conditions.		
To enable the United States Shipping Board Merchant Fleet Corporation to operate ships or lines of ships which have been or may be taken back from purchasers by reason of competition or other methods employed by foreign ship owners or operators, there is hereby reappropriated the unexpended balance of the appropriation of $10,000,000 made for similar purposes in the independent offices appropriation act for the fiscal year 1927: *Provided*, That no expenditure shall be made for the purposes of this paragraph from this sum without the prior approval of the President of the United States.		
No part of the sums appropriated in this act shall be used to pay the compensation of any attorney, regular or special, for the United States Shipping Board or the United States Shipping Board Merchant Fleet Corporation unless the contract of employment has been approved by the Attorney General of the United States.		
No officer or employee of the United States Shipping Board or the United States Shipping Board Merchant Fleet Corporation shall be paid a salary or compensation at a rate per annum in excess of $10,000 except the following: One at not to exceed $18,000, three at not to exceed $15,000 each, and one at not to exceed $12,000.		
No part of the funds of the United States Shipping Board Merchant Fleet Corporation shall be available for the rent of buildings in the District of Columbia during the fiscal year [1928] *1929* if suitable space is provided for said corporation by the Public Buildings Commission.		
[Hereafter the United States Shipping Board Emergency Fleet Corporation shall be known as the United States Shipping Board Merchant Fleet Corporation.]		
Total, Shipping Board and Merchant Fleet Corporation	$13, 688, 750. 00	$12, 290, 000. 00
UNITED STATES VETERANS' BUREAU		
Salaries and Expenses, Veterans' Bureau—		
For carrying out the provisions of an act entitled "An act to establish a Veterans' Bureau and to improve the facilities and services of such bureau and to further amend and modify the war risk insurance act approved August 9, 1921," and to carry out the provisions of the act entitled "World War veterans' act, 1924," approved June 7, 1924, as amended, and for administrative expenses in carrying out the provisions of the World War adjusted compensation act of May 19, 1924, including salaries of personnel in the District of Columbia and elsewhere in accordance with the classification act of 1923, and expenses of the central office at Washington, District of Columbia, and regional offices and suboffices, and including salaries, stationery, and minor office supplies, furniture, equipment and supplies, rentals and alterations, heat, light, and water, miscellaneous expenses, including telephones, telegrams, freight, express, law books, books of reference, periodicals, ambulance service, towel service, laundry service, repairs to equipment, storage, ice, taxi service, car fare, stamps and box rent, traveling and subsistence, including not to exceed $4,000 for the expenses, except membership fees, of employees detailed by the director to attend meetings of associations for the promotion of medical science and annual national conventions of such organizations as may be recognized by the director in the presentation or adjudication of claims under authority of section 500 of the World War veterans' act as amended, [including reimbursement to employees, for similar travel heretofore authorized, from the appropriation for the fiscal year in which the travel was performed,] and traveling expenses of employees transferred from one official station to another when incurred on the written order of the director, salaries and expenses of employees engaged in field investigation *and supervision*, passenger-carrying and other motor vehicles, including purchase, maintenance, repairs, and operation of same, salaries and operating expenses of the Arlington Building and annex, including repairs and mechanical equipment, fuel, electric current, ice, ash removal, and miscellaneous items; and including the salaries and allowances, where applicable, wages, travel and subsistence of civil employees at the United States veterans' hospitals, supply depots, dispensaries, and clinics, including the furnishing and laundering of white duck suits, and white canvas shoes to employees whose duties make necessary the wearing of same [$42,500,000] *$40,000,000*: *Provided*, That physicians, dentists, and nurses of the medical service of the United States Veterans' Bureau, in addition to their compensation, when transferred from one official station to another for permanent duty, may be allowed, within the discretion and under written order of the director, the expenses incurred for packing, crating, drayage, and transportation of their household effects and other personal property not exceeding in all 5,000 pounds.		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Salaries and Expenses, Veterans' Bureau—Continued. Such portion of this appropriation as may be necessary shall be allotted from time to time by the United States Veterans' Bureau to the Public Health Service and shall be available for expenditure by the Public Health Service for necessary personnel, the pay and allowances and travel of commissioned officers of the Public Health Service detailed to the United States Veterans' Bureau for duty (*U. S. C., pp. 1214–1229, secs. 421–576; pp. 2073–2081, secs. 422–557; p. 1309, sec. 6; act Feb. 11, 1927, vol. 44, p. 1083*)	$40,000,000.00	$42,500,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Clerical, administrative, and fiscal service—	*Average—*		*Average—*		*Average—*	
Grade 14, $7,500 and over—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Special executive officer, director	1	$12,000	1	$12,000	1	$10,000
Special executive officer, assistant director	1	7,500	1	7,500	0.8	6,083
Grade 13, $6,000 to $7,500; average, $6,750—						
Executive officer, assistant director	3	6,750	3	6,750	3.2	6,654
Grade 12, $5,200 to $6,000; average, $5,600—						
Senior administrative officer	10	5,600	10	5,600	8.8	5,551
Grade 11, $3,800 to $5,000; average, $4,400—						
Administrative officer	23	4,400	23	4,400	20	4,301
Assistant chief investigator	6	4,400	6	4,400	3.8	4,013
Assistant chief accountant and auditor	1	4,400	1	4,400		
Grade 10, $3,300 to $3,900; average, $3,600—						
Junior administrative officer	23	3,600	23	3,600	14.5	3,561
Senior investigator	1	3,600	1	3,600		
Grade 9, $3,000 to $3,600; average, $3,300—						
Senior administrative assistant	30	3,300	30	3,300	28.7	3,263
Investigator	3	3,300	3	3,300	2	3,225
Traffic manager	1	3,300	1	3,300	1	3,350
Grade 8, $2,700 to $3,300; average, $3,000—						
Administrative assistant	54	3,000	54	3,000	39	2,932
Grade 7, $2,400 to $3,000; average, $2,700—						
Assistant editor	1	2,700	1	2,700	1	2,692
Junior administrative assistant	144	2,700	144	2,700	47.2	2,627
Principal translator	2	2,700	2	2,700	2	2,567
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	38	2,400	39	2,400	144	2,348
Chief stenographer	1	2,400	1	2,400	1	2,060
Principal clerk-stenographer	3	2,400	3	2,400		
Transportation, rate and traffic auditor					1	2,450
Grade 5, $1,860 to $2,400; average, $2,100—						
Senior clerk	110	2,100	127	2,100	124.7	2,067
Head stenographer	2	2,100	2	2,100	4.3	2,128
Senior clerk-stenographer	13	2,100	13	2,100	16.3	2,110
Senior translator	3	2,100	3	2,100	3	1,981
Senior transportation, rate and traffic clerk	2	2,100	2	2,100	1	1,983
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	280	1,860	291	1,860	297.1	1,851
Clerk-stenographer	44	1,860	44	1,860	36.8	1,867
Principal stenographer	7	1,860	7	1,860	6	1,942
Head operator, office devices	3	1,860	3	1,860	3	1,857
Office draftsman	6	1,860	6	1,860	6	1,803
Transportation, rate and traffic clerk	1	1,860	1	1,860	2	1,962
Translator	3	1,860	3	1,860	3	1,806
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	956	1,680	1,021	1,680	925	1,682
Assistant clerk-stenographer	44	1,680	44	1,680	64.9	1,687
Senior stenographer	148	1,680	147	1,680	120.2	1,647
Head typist	4	1,680	4	1,680	5.3	1,651
Senior operator, office devices	13	1,680	13	1,680	17.8	1,626
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	610	1,500	641	1,500	582.3	1,526
Junior stenographer	296	1,500	297	1,500	278.4	1,442
Junior clerk-typist	63	1,500	63	1,500	76.5	1,468
Senior typist	133	1,500	142	1,500	109.9	1,455
Junior operator, office devices	56	1,500	56	1,500	52.7	1,503
Junior clerk-stenographer	12	1,500	12	1,500	18.7	1,530
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	342	1,320	349	1,320	311	1,360
Underoperator, office devices	46	1,320	49	1,320	47.7	1,242
Junior typist	54	1,320	54	1,320	73.3	1,201
Underclerk-typist	55	1,320	56	1,320	17.8	1,163
Professional and scientific service—						
Grade 7, $7,500 and over—						
Special attorney	1	7,500	1	7,500	1	7,500
Special scientist	1	7,500	1	7,500	1	7,500
Grade 6, $6,000 to $7,500; average, $6,750—						
Chief attorney	1	6,750	1	6,750	0.4	6,000
Chief engineer	1	6,750	1	6,750	0.4	6,000
Grade 5, $5,200 to $6,000; average, $5,600—						
Senior medical officer	17	5,600	23	5,600	9.4	5,644
Senior attorney	10	5,600	10	5,600	5.6	5,321
Senior engineer	5	5,600	5	5,600	3.3	5,343
Grade 4, $3,800 to $5,000; average, $4,400—						
Medical officer	30	4,400	32	4,400	31.3	4,472
Dentist	4	4,400	4	4,400	5	4,720
Attorney	31	4,400	31	4,400	25.5	4,250
Educationist	5	4,400	6	4,400	4.3	4,194
Engineer	12	4,400	12	4,400	9.5	4,158
Economic analyst	1	4,400	1	4,400	0.4	3,800

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

Salaries and Expenses, Veterans' Bureau—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927		Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
	Average— No.	Salary	*Average—* No.	Salary	*Average—* No.	Salary		
Departmental service—Continued.								
Salaries—Continued.								
Professional and scientific service—Continued.								
Grade 3, $3,000 to $3,600; average, $3,300—								
Associate educationist	1	$3,300	1	$3,300	4.2	$3,280		
Associate medical officer	1	3,300	1	3,300	1.8	3,329		
Associate attorney	31	3,300	34	3,300	23.3	3,296		
Associate engineer	45	3,300	45	3,300	37.3	3,166		
Grade 2, $2,400 to $3,000; average, $2,700—								
Assistant scientist	1	2,700	1	2,700	0.8	2,400		
Assistant attorney	5	2,700	5	2,700	2.8	2,676		
Assistant engineer	26	2,700	33	2,700	27.6	2,596		
Assistant librarian	1	2,700	1	2,700	1	2,800		
Grade 1, $1,860 to $2,400; average, $2,100—								
Junior attorney					0.9	2,090		
Subprofessional service—								
Grade 8, $2,400 to $3,000; average, $2,700—								
Chief social service worker	1	2,700	1	2,700	0.8	2,552		
Superintendent of nurses	1	2,700	1	2,700				
Assistant director of gardens	1	2,700	1	2,700	1	2,492		
Superintendent of dietitians	1	2,700	1	2,700	1	3,000		
Chief scientific aid					0.4	2,400		
Grade 7, $2,100 to $2,700; average, $2,400—								
Principal library assistant	2	2,400	2	2,400	1.5	2,294		
Grade 6, $1,860 to $2,400; average, $2,100—								
Senior engineering draftsman	20	2,100	20	2,100	16.6	1,993		
Senior medical technician	1	2,100	1	2,100				
Assistant chief nurse	1	2,100	1	2,100	0.2	1,680		
Grade 5, $1,680 to $2,040; average, $1,860—								
Engineering draftsman	5	1,860	5	1,860	2.3	1,661		
Grade 3, $1,320 to $1,680; average, $1,500—								
Junior engineering draftsman					1.2	1,458		
Custodial service—								
Grade 10, $2,400 to $3,000; average, $2,700—								
Chief mechanical superintendent	1	2,700	1	2,700	1	2,592		
Grade 8, $1,860 to $2,400; average, $2,100—								
Principal mechanic	6	2,100	6	2,100	1.3	2,044		
Grade 7, $1,680 to $2,040; average, $1,860—								
Assistant chief guard	1	1,860	1	1,860	1	1,735		
Senior mechanic	3	1,860	3	1,860	5.8	1,853		
Grade 6, $1,500 to $1,860; average, $1,680—								
Mechanic	22	1,680	22	1,68	24.6	1,667		
General foreman of laborers	1	1,680	1	1,680	1	1,860		
Grade 5, $1,320 to $1,680; average, $1,500—								
Principal guard	2	1,500	2	1,500	1.6	1,375		
Foreman of laborers	1	1,500	1	1,500	1	1,555		
Grade 4, $1,140 to $1,500; average, $1,320—								
Head messenger	1	1,320	1	1,320	2	1,313		
Assistant foreman of laborers	1	1,320	1	1,320	1	1,320		
Undermechanic	5	1,320	5	1,320	5.1	1,327		
Grade 3, $1,020 to $1,260; average, $1,140—								
Senior laborer	20	1,140	20	1,140	16	1,148		
Minor mechanic	14	1,140	14	1,140	15	1,152		
Messenger	143	1,140	145	1,140	144.7	1,147		
Guard	27	1,140	27	1,140	27	1,089		
Grade 2, $900 to $1,140; average, $1,020—								
Junior laborer	79	1,020	79	1,020	79.7	1,015		
Subordinate mechanic	20	1,020	20	1,020	17	1,031		
Total average number of employees	4,271		4,437		4,090.3			
Total salaries, departmental service	7,795,990.00		8,115,970.00		7,267,948.34			
Medical council, legal council, nurses council, insular possessions, and field carried on central office rolls	100	169,892	100	169,892	91.4	151,877		
Total	4,371	7,965,882.00	4,537	8,285,862.00	4,181.7	7,419,825.34		
The difference between 1929 and 1928 is due to decrease in force, $319,980.								
Field service:								
Salaries and wages—								
Salary range, $6,000 to $7,500; average, $6,750—								
Medical officer in charge	52	6,300	51.5	6,300	52.1	5,885		
Salary range, $5,200 to $6,000; average, $5,600—								
Assistant medical officer in charge	49	5,000	48.5	5,000	40.3	4,962		
Chief Coordinator	4	6,050	4	6,050	3.9	6,218		
Chief, medical service	11	5,000	11	5,000	7.7	5,037		
Chief, neuropsychiatric service	4	5,000	4	5,000	3.3	4,502		
Chief, surgical service	10	5,000	10	5,000	11	4,643		
Chief, tuberculosis service	3	5,000	3	5,000	1.7	5,109		
Clinical director	33	5,000	33.2	5,000	33.6	5,102		
Regional manager	4	5,600	4	5,600	4	5,067		
Attending specialist					1	5,000		
Salary range, $3,800 to $5,000; average, $4,400—								
Business manager	51	4,200	50.5	4,200	50.7	3,726		
Chairman, section board of appeals	4	4,400	4	4,400	5	4,307		
Chief, dental clinic	11	4,400	10.2	4,421	8.8	4,597		
Chief, general medical subdivision	19	4,084	19	4,084	15.1	4,081		
Chief, neuropsychiatric subdivision	9	4,178	9	4,178	8.9	4,002		
Chief, reception service	2	4,400	2	4,400	2.7	4,559		
Chief, tuberculosis subdivision	10	4,160	10	4,160	9.2	4,040		
Coordinator					33.1	4,186		
Medical officer, specialist	707	4,400	646.7	4,400	633.8	4,139		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Veterans' Bureau—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average—		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Field service—Continued.						
Salaries and wages—Continued.						
Salary range, $3,800 to $5,000; average, $4,400—Con.						
Member board of appeals	25	$4,400	25	$4,400	36.5	$4,132
Reconstruction officer	4	4,400	3.2	4,469	2.1	4,460
Regional manager	50	4,232	50	4,232	49.9	4,056
Regional medical officer	49	4,294	49	4,294	51.2	4,314
Attending specialist					0.6	3,861
Salary range, $3,300 to $3,900; average, $3,600—						
Chief, claims division	4	3,600	4	3,600	4	3,805
Chief, dental clinic	37	3,600	37.2	3,605	33.2	3,678
Chief, general medical subdivision	3	3,600	3	3,600	0.7	4,131
Chief neuropsychiatric subdivision	1	3,600	1	3,600	1.7	3,843
Chief, rehabilitation division	3	3,600	3	3,600	3.7	3,683
Chief, service division	3	3,600	3	3,600	4	3,781
Chief, tuberculosis subdivision	1	3,600	1	3,600	1.7	4,539
Medical examiner	145	3,600	155	3,600	178.6	3,705
Medical member, claims and rating board	77	3,600	77	3,600	63.1	3,837
Regional attorney	4	3,600	4	3,600	4	3,600
Regional dental officer	29	3,600	29	3,600	19.3	3,906
Representative in charge	2	3,600	2	3,600	3.2	3,224
Ward surgeon	80	3,600	80.2	3,602	40.2	3,783
Attending specialist	10	3,590	10	3,590	9.4	3,601
Salary range, $3,000 to $3,600; average, $3,300—						
Chief, engineer (superintendent buildings and grounds)	5	3,300	4.2	3,339	5.8	2,893
Chief, claims division	29	3,300	29	3,300	29	3,268
Chief, rehabilitation division	4	3,300	4	3,300	21.7	3,251
Chief, service division	29	3,300	29	3,300	28.1	3,348
Clinical laboratory expert	1	3,300	1	3,300	1.1	2,932
Dental officer	53	3,300	54.5	3,300	68.1	3,467
Regional attorney	29	3,300	29	3,300	24.1	3,168
Regional dental officer	4	3,300	4	3,300	2	3,471
Attending specialist	6	3,213	6	3,213	4	3,084
Salary range, $2,700 to $3,300; average, $3,000—						
Assistant regional attorney	3	3,000	3	3,000	6.3	2,817
Auditor	4	3,000	4	3,000	4	2,811
Chief, claims division	21	3,000	21	3,000	19.4	2,795
Chief, rehabilitation division	2	3,000	2	3,000	12.7	2,705
Chief, service division	13	3,000	13	3,000	17. -	2,705
Claims member, claims and rating board	91	3,000	91	3,000	65.6	2,674
Claims reviewer	45	3,000	47	3,000	49.3	2,765
Clerk					1.1	3,042
Member, rehabilitation survey group	1	3,000	1	3,000	5.8	2,891
Occupational member, claims and rating board	87	3,000	87	3,000	61.8	2,988
Regional attorney	19	3,000	19	3,000	14.6	2,640
Registration officer					1.7	2,971
Vocational specialist	8	3,000	8	3,000	60.2	2,844
Attending specialist	43	2,913	43	2,913	19.8	2,971
Salary range, $2,400 to $3,000; average, $2,700—						
Assistant regional attorney	21	2,700	21	2,700	13.6	2,606
Assistant representative in charge	2	2,700	2	2,700	1.8	3,032
Auditor	29	2,700	29	2,700	29.8	2,702
Chief engineer (superintendent buildings and grounds)	21	2,700	20.2	2,707	19	2,641
Chief, personal service subdivision	4	2,700	4	2,700	3.4	3,191
Clerk					0.4	2,958
Farm superintendent	6	2,700	4.5	2,700	2.3	2,473
Registration officer					6.3	2,708
Special disbursing agent	4	2,700	4	2,700	4	2,931
Statistician and budget officer	3	2,700	3	2,700	3.7	2,875
Superintendent fire-alarm system	1	2,700	1	2,700	1	3,000
Attending specialist	16	2,518	22	2,492	31.7	2,485
Salary range, $2,100 to $2,700; average, $2,400—						
Assistant auditor	4	2,400	4	2,400	6.1	2,138
Assistant regional attorney	3	2,400	3	2,400	2.2	2,174
Auditor	70	2,400	69.5	2,400	66.3	2,215
Chief aid	48	2,400	46.7	2,403	39.4	2,279
Chief dietitian	51	2,400	50.5	2,400	50.1	2,333
Chief engineer (superintendent buildings and grounds)	10	2,400	10	2,400	8.5	2,298
Chief follow-up nurse	12	2,400	12	2,400	14.6	2,119
Chief nurse	51	2,400	50.5	2,400	50.7	2,417
Chief, personnel subdivision	3	2,400	3	2,400	3	2,400
Chief, personal service subdivision	25	2,400	25	2,400	15.8	2,765
Chief, records, mails, and files	3	2,400	3	2,400	2.6	2,503
Chief, supply division and property custodian	4	2,400	4	2,400	5.5	2,768
Claims examiner	95	2,400	108	2,400	139.6	2,341
Clerk					3.3	2,427
Employment officer	3	2,400	3	2,400	9.1	2,767
Engineer	1	2,400	1	2,400	3.4	2,204
Property custodian	51	2,400	50.5	2,400	50.4	2,442
Registration officer					2.4	2,533
Rehabilitation assistant	6	2,400	6	2,400	51.7	2,592
Special disbursing agent	29	2,400	29	2,400	29.1	2,421
Statistician and Budget officer	19	2,400	19	2,400	17.4	2,437
Superintendent of laundry	4	2,400	3.2	2,438	3.2	2,092
Attending specialist	66	2,345	65.5	2,350	62.6	2,409
Salary range, $1,860 to $2,400; average, $2,100—						
Administrative clerk					11.8	2,065
Assistant auditor					5.3	1,792
Assistant chief aid	31	2,100	29.7	2,103	29.8	1,989

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Veterans' Bureau—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average—		*Average*—		*Average*—	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Field service—Continued.						
Salaries and wages—Continued.						
Salary range, $1,860 to $2,400; average, $2,100—Con.						
Assistant chief dietitian	23	$2,100	21.5	$2,100	14.9	$1,935
Assistant chief nurse	35	2,100	33.5	2,100	29.8	2,070
Assistant chief engineer	3	2,100	3	2,100	4.2	2,040
Chief cook	57	2,100	56.5	2,100	52.9	2,065
Chief follow-up nurse	9	2,100	9	2,100	76	1,880
Chief electrician	2	2,100	2	2,100	4.9	2,035
Chief engineer (superintendent buildings and grounds)	15	2,100	16	2,100	14.9	2,061
Chief personal service subdivision	3	2,100	3	2,100	5	2,306
Chief supply division and property custodian	30	2,100	30	2,100	29.7	2,145
Clerk	14	2,100	14	2,100	4.1	2,020
Cooperator	161	2,100	170	2,100	191.7	2,363
Contact representative	35	2,100	35	2,100	27.8	2,098
Dental mechanic	45	2,100	45.2	2,102	41.1	1,903
Engineer	7	2,100	5.5	2,100	8.3	1,982
Farm foreman	8	2,100	8	2,100	7.8	1,815
Field examiner	39	2,100	27	2,100	15.9	2,493
Garage foreman	4	2,100	4	2,100	2.6	2,059
Head aide	85	2,100	80.5	2,100	55.1	1,974
Head dietitian	16	2,100	14.5	2,100	10.9	1,863
Head nurse	288	2,100	280.7	2,100	260.9	1,908
Hearing reporter	6	2,100	6	2,100		
Interne (junior medical officer)	24	2,100	20.7	2,105	8.4	1,908
Laboratorian in bacteriology	79	2,100	78.5	2,100	67.9	2,079
Laboratorian in roentgenology	80	2,100	79.5	2,100	63.2	2,071
Mess superintendent	12	2,100	12	2,100	3.3	1,817
Orthopedic mechanic	11	2,100	11	2,100	18.2	1,971
Psychologist					2.1	1,867
Pharmacist	77	2,100	76.5	2,100	76.2	1,980
Secretary to claims and rating board	3	2,100	3	2,100	4.4	2,361
Secretary to regional manager	4	2,100	4	2,100	3.9	2,111
Secretary to chairman board of appeals	4	2,100	4	2,100	5.1	2,145
Senior physical director	8	2,100	6.5	2,100	3.3	2,126
Social service worker	66	2,100	61.2	2,102	42.6	1,919
Special disbursing agent	72	2,100	71.5	2,100	61.5	2,038
Statistician and budget officer					3.1	1,768
Supervisor of attendants	18	2,100	16.5	2,100	12.9	1,726
Supervisor of auto equipment	1	2,100	1	2,100		
Superintendent of laundry	14	2,100	14	2,100	5.9	1,970
Surgical assistant					0.3	2,278
Teacher					2	1,909
Warehouse superintendent	3	2,100	3	2,100	3	1,883
Attending specialist	48	2,012	40	2,065	28.4	2,019
Member, board of appeals					0.4	2,083
Salary range, $1,680 to $2,040; average, $1,860—						
Administrative clerk					4.5	1,727
Assistant auditor					11.3	1,709
Assistant engineer	24	1,860	20	1,860	13.4	1,759
Carpenter	2	1,860	2	1,860	1.3	2,031
Chief, records, mails, and files	21	1,860	21	1,860	17.8	1,869
Chief, personnel subdivision	19	1,860	19	1,860	19.1	1,870
Chief, supply subdivision and property custodian	17	1,860	17	1,860	17.2	1,845
Clerk	7	1,860	7	1,860	19.8	1,796
Electrician	8	1,860	8	1,860	15.8	1,783
Engineer	8	1,860	8	1,860	50.6	1,582
Follow-up nurse	125	1,860	130	1,860	144.8	1,850
Foreman of laundry	5	1,860	3.2	1,899	12.9	1,897
Foreman of mechanics	1	1,860	1	1,860		
Garage foreman	2	1,860	2	1,860	2.5	1,917
Junior physical director	5	1,860	5	1,860	4.8	1,817
Junior property custodian					0.8	1,788
Librarian	43	1,860	42.5	1,860	35.1	1,908
Optician					.3	1,860
Painter	2	1,860	2	1,860	12.6	1,665
Personnel officer	51	1,860	50.5	1,860	29.7	1,878
Pharmacist					1	1,860
Plumber	7	1,860	7	1,860	8.5	1,871
Procurement clerk					1.3	2,092
Reconstruction aid	32	1,860	35	1,860	43.2	1,822
Secretary to chief coordinator	4	1,990	4	1,990	5.2	1,961
Secretary to claims and rating board	29	1,860	29	1,860	26.5	1,802
Secretary to division chief	14	1,860	14	1,860	9.3	1,833
Secretary to medical officer in charge	50	1,860	48.5	1,860	38.8	1,670
Secretary to regional manager	27	1,860	27	1,860	28.3	1,795
Staff aid	318	1,860	306.5	1,860	267.1	1,770
Staff dietitian	67	1,860	67.7	1,861	57.4	1,706
Staff nurse	1,192	1,860	1,162.7	1,860	1,019.7	1,715
Steam fitter	5	1,860	5	1,860	5.3	1,896
Supervising clerk	27	1,860	27	1,860	34.1	1,898
Teacher					0.7	1,929
Attending specialist	41	1,795	50	1,803	67.1	1,803
Salary range, $1,500 to $1,860; average, $1,680—						
Assistant chief cook	30	1,680	28.5	1,680	36.8	1,714
Assistant engineer	41	1,680	41	1,680	31.9	1,537
Assistant laboratorian in bacteriology	31	1,680	30.5	1,680	37.1	1,662
Assistant laboratorian in röntgenology	12	1,680	11.2	1,688	19.4	1,811
Assistant librarian	20	1,680	18.5	1,680	16.3	1,584
Assistant pharmacist	1	1,680	1	1,680	0.6	1,608
Assistant supervisor of attendants	7	1,680	5.5	1,680	5.2	1,534
Auto mechanic	53	1,680	52.5	1,680	53.7	1,631
Bookkeeper	7	1,680	4.5	1,680	22.5	1,701

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Veterans' Bureau—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average—		Average—		Average—	
	No.	Salary	No.	Salary	No.	Salary
Field service—Continued.						
Salaries and wages—Continued.						
Salary range, $1,500 to $1,860; average, $1,680—Con.						
Budget accounts clerk	56	$1,680	56	$1,680	33.3	$1,587
Carpenter	74	1,680	71.7	1,681	74	1,686
Chief guard	1	1,680	1	1,680	2.8	1,723
Chief guard, fire marshal	2	1,680	2	1,680	0.8	1,781
Chief, records, mails, and files	9	1,680	9	1,680	10.3	1,542
Clerk	43	1,680	47	1,680	46.6	1,736
Clinical clerk	3	1,680	2.2	1,718	0.7	2,057
Correspondence clerk	137	1,680	104	1,680	70.4	1,619
Electrician	43	1,680	41.6	1,680	31.2	1,637
Examiner of accounts	29	1,680	29	1,680	9.8	1,657
Filter operator	3	1,680	3	1,680	1.8	1,736
Fire chief	1	1,680	1	1,680	1.8	1,575
Foreman of laundry	18	1,680	19	1,680	13.8	1,647
Garage foreman	3	1,680	2	1,680	2.8	1,671
General mechanic	19	1,680	21	1,680	1.9	1,605
Head cook	36	1,680	33	1,680	7.3	1,717
Head dairyman	3	1,680	3	1,680	2.7	1,526
Head gardener	7	1,680	5.5	1,680	2.6	1,846
Ice-plant operator	10	1,680	10	1,680	3.7	1,397
Labor foreman	3	1,680	3	1,680	8.1	1,706
Oral hygienist	8	1,680	6.6	1,680	6.7	1,557
Orthopedic mechanic	1	1,680	1	1,680		
Painter	50	1,680	48.7	1,682	41.1	1,598
Plumber	38	1,680	36.5	1,680	29.4	1,653
Poultry foreman	5	1,680	4.2	1,700	2.1	1,555
Property accounts clerk	84	1,680	80.7	1,681	77.3	1,578
Repairman office appliances	18	1,680	18	1,680	12.3	1,552
Requisition clerk	30	1,680	30	1,680	14.3	1,594
Secretary to claims and rating board	13	1,680	14	1,680	15.3	1,556
Secretary to division chief	83	1,680	83	1,680	48.4	1,609
Secretary to regional manager	22	1,680	22	1,680	17.6	1,591
Secretary to regional attorney	39	1,680	39	1,680	15.8	1,536
Secretary to representative in charge	2	1,680	2	1,680	2.4	1,646
Shipping clerk	2	1,680	2	1,680	2.3	1,674
Skilled laborer	43	1,680	40.5	1,680	73.8	1,581
Statistical clerk	24	1,680	24	1,680	23	1,650
Steam crane operator					0.3	2,000
Steamfitter	16.5	1,680	16.5	1,680	13.1	1,704
Stenographer	213	1,680	202	1,680	257.3	1,592
Supervising clerk	42	1,680	65.5	1,680	29.3	1,697
Technical storekeeper	9	1,680	9	1,680	8.1	1,688
Voucher examiner	122	1,680	122	1,680	88.6	1,587
Attending specialist	38	1,619	32.7	1,618	12	1,561
Dentist	1	1,500	1	1,500		
Dental mechanic					0.7	1,786
Salary range, $1,320 to $1,680; average, $1,500—						
Abstract clerk	98	1,500	98	1,500	98.9	1,436
Addressograph operator	32	1,500	32	1,500	33	1,350
Assistant shipping clerk	1	1,500	1	1,500	1	1,500
Audit clerk	123	1,500	94.5	1,500	74.9	1,424
Baker (pastry cook)	27	1,500	24	1,500	25.4	1,582
Barber	7	1,500	6.5	1,500	6.1	1,343
Billing machine operator	3	1,500	3	1,500	2.6	1,263
Bookkeeping machine operator	2	1,500	2	1,500	2.3	1,309
Butcher	48	1,500	45.7	1,502	35.6	1,463
Calculating machine operator	20	1,500	20	1,500	9.9	1,425
Checker	10	1,500	10	1,500	10.1	1,510
Chief guard	1	1,500	1	1,500	11.1	1,451
Chief guard, fire marshal	20	1,500	18.5	1,500	4.4	1,476
Clerk	321	1,500	329	1,500	532.5	1,460
Cook	261	1,500	252.5	1,500	241.1	1,468
Dictaphone operator	17	1,500	17	1,500	17.5	1,375
Diet cook	1	1,500	1	1,500	.9	1,483
Electrician's helper, radio operator	23	1,500	21.5	1,500	22.3	1,383
Filter operator	3	1,500	3	1,500		
Fire chief	2	1,500	2	1,500	2.7	1,474
Firefighter	32	1,500	29.7	1,503	27.7	1,418
Fireman	5.8	1,448	6.8	1,448	16.6	1,348
Foreman of laundry	1	1,500	2	1,500	4.6	1,315
Gardener	31	1,500	30.2	1,502	24.4	1,419
General storekeeper	65	1,500	54.5	1,500	63.1	1,452
Head attendant	99	1,500	87.2	1,501	76.4	1,359
Head waiter	44	1,500	43.5	1,500	35.9	1,310
Ice-plant operator	30.3	1,502	28	1,504	6.1	1,320
Index clerk	53	1,600	35	1,600	24.7	1,473
Information clerk	60	1,500	57.5	1,500	32.9	1,511
Labor foreman	16	1,500	15.5	1,500	13.2	1,501
Laundry foreman	1	1,500	1	1,500	1.9	1,442
Mail clerk	52	1,500	61.2	1,501	33.7	1,430
Mounted guard	1	1,500	1	1,500	0.6	1,680
Personnel clerk	2	1,600	1.2	1,563	7	1,450
Photostat-mimeograph operator	15	1,600	15	1,500	16.8	1,447
Procurement clerk	7	1,500	3.7	1,520	8.4	1,457
Pumping station operator	20	1,500	20	1,500	16.1	1,379
Reconstruction assistant	37	1,500	36.5	1,500	41.3	1,483
Requisition clerk	2	1,500	2	1,500	3.7	1,443
Reviewing clerk	109	1,600	109	1,500	67.3	1,478
Searcher	68	1,500	68	1,500	55.7	1,408
Secretary to division chief	25	1,500	25	1,500	17.4	1,468
Sewage plant operator	3	1,500	3	1,500	0.8	1,238
Statistical clerk	21	1,500	21	1,600	10.3	1,497

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Veterans' Bureau—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service—Continued.						
Salaries and wages—Continued.	*Average—*		*Average—*		*Average—*	
Salary range, $1,320 to $1,680: average, $1,500—Con.	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Steam crane operator	3	$1,500	3	$1,500	1.5	$1,600
Stenographer	555	1,500	615	1,500	897.9	1,380
Stock clerk	40	1,500	40	1,500	24.5	1,438
Subsistence storekeeper	20	1,500	18.5	1,500	26.9	1,463
Supervising clerk	3	1,500	12	1,500	32.4	1,613
Surgical assistant	12	1,500	12	1,500	10.8	1,277
Time clerk	14	1,500	14	1,500	11.6	1,534
Transportation clerk	55	1,500	54.2	1,501	38.2	1,420
Typist	21	1,500	20.5	1,500	57.8	1,194
Warehouseman	2	1,500	2	1,500	1.5	1,360
Attending specialist	32	1,473	34	1,486	35.2	1,493
Dental mechanic					0.6	1,667
Rehabilitation assistant					0.3	1,200
Salary range, $1,140 to $1,500; average, $1,320—						
Addressograph operator	3	1,320	3	1,320	3.2	1,243
Assistant cook	25	1,320	27	1,320	18.8	1,290
Assistant pharmacist	5	1,320	4.2	1,336	2.3	1,307
Auto mechanic's helper	9	1,320	6.7	1,330	4.5	1,322
Barber	21	1,320	17.2	1,324	13.2	1,284
Carpenter's helper	40	1,320	38.5	1,320	34.3	1,296
Chauffeur	272	1,320	264.2	1,320	255.6	1,235
Chauffeur's mechanic					0.9	1,506
Chief guard	6	1,320	6	1,320	3.9	1,457
Clerk	455	1,320	469	1,320	401.6	1,317
Coal passer					1.9	1,182
Dairyman	11	1,320	11	1,320	13.4	1,194
Dental assistant	65	1,320	67.5	1,320	55.5	1,235
Electrician's helper	16	1,320	15.2	1,324	8.8	1,329
Farm hand	25	1,320	16	1,320	10.4	1,094
File clerk	213	1,320	215.7	1,320	227.7	1,288
Fireman	120	1,320	112	1,320	113.1	1,310
Gardner	2	1,320	2	1,320	0.8	1,338
Guard	43	1,320	43	1,320	65.7	1,283
Housekeeper (matron)	41	1,320	40.5	1,320	35.6	1,302
Index clerk	34	1,320	34	1,320	17.5	1,328
Invoice distribution clerk	2	1,320	2	1,320	1.8	1,147
Laborer	53	1,320	53	1,320	69.4	1,177
Labor foreman	19.1	1,319	18.1	1,319	12.1	1,285
Laundry clerk	6	1,320	6	1,320	5	1,256
Laundry helper	10	1,320	10	1,320	8	1,218
Laundryman	31	1,320	31.5	1,320	28.9	1,232
Mechanic's helper	3	1,320	3	1,320	3.8	1,208
Mimeograph operator	2	1,320	1.2	1,375	0.5	1,260
Mounted guard	1	1,320	1	1,320	1	1,440
Packer	13	1,320	13	1,320	12	1,279
Painter's helper	21	1,320	21.2	1,323	19.3	1,276
Plumber's helper	40	1,320	37.7	1,322	29.3	1,273
Posting clerk	92	1,320	89	1,320	62	1,368
Poultryman	4	1,320	4	1,320	4.2	1,107
Proof reader	1	1,320	1	1,320	0.5	1,390
Steamfitter's helper	14	1,320	14	1,320	11.6	1,340
Stock record clerk	7	1,320	7	1,320	7.8	1,267
Supervising clerk					7.7	1,504
Swine herdsman	6	1,320	6	1,320	4.7	1,291
Telephone operator	144	1,320	147	1,320	144.1	1,162
Traveling attendant	4	1,320	4	1,320	2.5	1,564
Typist	461	1,320	503.2	1,320	699.1	1,324
Ward attendant	917	1,320	698	1,320	406	1,218
Warehouseman	3	1,320	3	1,320	3.8	1,270
Attending specialist	66	1,208	66	1,206	48.7	1,213
Dental examiner					1.2	1,167
Reconstruction aid					1	1,200
Salary range, $1,020 to $1,260; average, $1,140—						
Attendant	5	1,140	5	1,140	7.9	1,251
Coal passer	11	1,140	11	1,140	12.3	1,129
Elevator operator	9	1,140	9	1,140	8.8	1,186
Fireman	125.5	1,140	129.5	1,140	124	1,171
Guard	228	1,140	221	1,140	184.6	1,156
Janitor	23	1,140	23	1,140	22.5	1,145
Laborer	147	1,140	147	1,140	154.1	1,119
Laundry clerk	7	1,140	5.5	1,140	6.6	1,026
Laundry helper	228	1,140	222.2	1,140	181	1,007
Messenger	131	1,140	137	1,140	140.3	942
Seamstress	63	1,140	59.2	1,141	53.8	1,051
Ward attendant	1,589	1,140	1,611	1,139	2,097.4	1,105
Warehouseman	37	1,140	34	1,140	28.2	1,176
Waiter or waitress	830	1,140	798.5	1,140	718.7	1,061
Attending specialist					34.5	1,200
Dentist					0.6	1,167
Pharmacist					0.9	1,100
Salary range, $900 to $1,140; average, $1,020—						
Charwoman	38	1,020	39	1,020	35.3	925
Coal passer	34	1,020	31	1,020	29.5	1,052
Elevator operator	90	1,020	86	1,020	56.2	1,040
Janitor	341	1,020	323.2	1,020	260.2	1,053
Kitchen helper	806	1,020	785.5	1,020	735.5	1,036
Laborer	547	1,020	532.5	1,020	511.1	998
Laundry helper	257	1,020	246.7	1,018	219.8	886
Maid	343	1,020	350	1,020	317.4	971
Messenger	1	1,020	1	1,020	0.5	1,040
Teamster	8	1,020	8	1,020	8.7	1,138

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Veterans' Bureau—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average—		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Field service—Continued.						
Salaries and wages—Continued.						
Salary range, $900 to $1,140; average, $1,020—Con.						
Attending specialist	1	$1,000	1	$1,000	6.7	$941
Pharmacist					0.9	917
Dishwater	19	1,020	13.5	1,020	5.3	971
Salary range, $780 to $1,020; average, $900—						
Unskilled laborer	28	737	28	737		
Attending specialist	18	878	18	878	20.2	895
Coal passer					0.2	750
Engineer	1	750	1	750		
Salary range, $600 to $780; average, $690—						
Chaplain	97	601	95.2	601	31	496
Messenger boy	76	690	76	690	65.3	731
Student interne	5	631	5	631	3.4	567
Attending specialist	17	618	23	615	31.1	607
Chaplain					0.2	451
Employment officer					0.1	500
Janitor	1	600	1	600		
Staff aid					1	750
Stenographer	1	600	1	600		
Crane operator	0.5	600	0.5	600		
Fireman	3	570	3	570		
Salary range, $420 to $600; average, $510—						
Janitor	1	540	1	540	0.8	488
Staff aid	1	480	1	480	1	480
Waiter					0.8	456
Salary range, $240 to $420; average, $330—						
Charwoman					0.9	350
Attending specialist	2	330	2	330	2.3	337
Janitor	2	300	2	300	2.5	282
Unskilled laborer					2.9	280
Salary range, $1 to $240; average, $120—						
Attending specialist	15	120	15	120	12.7	139
Chaplain	3	1	3	1		
Janitor	1	120	1	120	0.7	128
Regional attorney					0.1	83
Total average number of employees	19,954.7		19,504.5		19,222.6	
Total salaries and wages, field service	34,190,307.00		33,399,481.00		31,835,180.63	
Deduct allowance value of subsistence, lodging, etc., furnished	4,379,038.00		3,179,022.00		2,849,084.68	
Cash payment, salaries and wages	29,811,269.00		30,220,459.00		28,986,095.95	
The difference between 1929 and 1928 is due to increase in force, $790,826.						
10 Total personal services	37,777,151.00		38,506,321.00		36,405,921.29	
Supplies and materials:						
0200 Stationery and office supplies	175,000.00		175,000.00		196,869.40	
0230 Fuel	14,100.00		14,100.00		14,585.62	
0240 Wearing apparel and sewing supplies	140,000.00		83,125.00		6,908.31	
0280 Sundry supplies	156,688.00		153,902.00		162,229.66	
02 Total supplies and materials	485,788.00		426,127.00		380,592.99	
Communication service:						
0500 Telegraph service	8,875.00		8,935.00		10,269.40	
0510 Telephone service	67,500.00		68,150.00		68,881.69	
0520 Other communication service	33,045.00		34,022.50		27,639.00	
05 Total communication service	109,420.00		111,107.50		106,790.09	
Travel expenses:						
0615 Transportation	282,875.00		289,034.00		292,319.64	
0616 Subsistence	335,500.00		341,350.00		343,352.06	
06 Total travel expenses	618,375.00		630,384.00		635,671.70	
07 Transportation of things	39,900.00		44,453.00		35,252.45	
10 Furnishing of heat, light, power, etc	65,800.00		65,800.00		67,997.90	
Rents:						
1100 Rents of buildings and structures	601,115.32		612,710.94		688,020.11	
1110 Other rents	22,135.68		22,125.06		29,905.29	
11 Total rents	623,251.00		634,836.00		717,925.40	
12 Repairs and alterations	99,455.00		101,690.00		136,854.16	
13 Special and miscellaneous current expenses	49,460.00		43,500.00		40,469.88	
Equipment:						
3010 Furniture, furnishings, and fixtures	105,800.00		106,030.00		107,751.04	
3050 Other equipment	25,600.00		329,751.50		157,126.28	
30 Total equipment	131,400.00		435,781.50		264,877.32	
Reserve			41,000,000.00		38,792,353.18	
			1,500,000.00			
Unobligated balance					5,207,646.82	
Total	40,000,000.00		42,500,000.00		44,000,000.00	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Printing and Binding, Veterans' Bureau— For printing and binding for the United States Veterans' Bureau, including all of its bureaus, offices, institutions, and services located in Washington, District of Columbia, and elsewhere (*U. S. C., p. 1013, sec. 588; acts Mar. 20, 1922, vol. 42, pp. 422–436; Feb. 11, 1927, vol. 44, p. 1084*)	$135,000.00	$125,000.00
08 Printing and binding: Expenditures—1929, $135,000; 1928, $125,000; 1927, $146,113.39.		
Military and Naval Compensation, Veterans' Bureau— Compensation: For the payment of military and naval compensation, accruing during the fiscal year [1928] *1929* or in prior fiscal years, for death or disability provided by the act approved October 6, 1917, as amended, and World War veterans' act, 1924, approved June 7, 1924, as amended (*U. S. C., pp. 1214–1229, secs. 421–576; pp. 2073–2081, secs. 422–557; act Feb. 11, 1927, vol. 44, p. 1084*)	195,000,000.00	168,500,000.00
2132 Military and naval compensation for death or disability: Expenditures—1929, $195,000,000; 1928, $190,000,000; 1927, $173,836,617.28.		
Medical and Hospital Services, Veterans' Bureau— Medical and hospital services: For medical, surgical, dental, dispensary, and hospital services and facilities, convalescent care, necessary and reasonable aftercare, welfare of, nursing, prosthetic appliances (including special clothing made necessary by the wearing of prosthetic appliances prescribed by the bureau), medical examinations, funeral, burial, and other incidental expenses (including preparation for shipment and transportation of remains) accruing during the fiscal year [1928] *1929* or in prior fiscal years, traveling expenses, and supplies, and not exceeding $100,000 for library books, magazines, and papers for beneficiaries of the United States Veterans' Bureau, court or other expenses incident to any investigation or court proceeding for the appointment or removal of any guardian, curator, conservator, or other person legally vested with the care of the claimant, or his estate, or in connection with the administration of such estate by such fiduciaries, including court costs and other expenses incident to proceedings heretofore or hereafter taken for commitment of mentally incompetent persons to hospitals for the care and treatment of the insane, [$35,275,000] *$31,675,000.* This appropriation shall be disbursed by the United States Veterans' Bureau, and such portion thereof as may be necessary shall be allotted from time to time to the Public Health Service, and the War, Navy, and Interior Departments, and transferred to their credit for disbursement by them for the purposes set forth in the foregoing paragraph [and allotted and transferred to the Board of Managers of the National Home for Disabled Volunteer Soldiers for the purposes set forth in the foregoing paragraph, and such sums as are allotted to the Board of Managers shall be covered into the surplus fund of the Treasury]. No part of this appropriation shall be expended for the purpose of any site for a new hospital, for or toward the construction of any new hospital, or for the purchase of any hospital; and not more than [$3,500,000] *$3,309,384* of this appropriation may be used to alter, improve, or provide facilities in the several hospitals under the jurisdiction of the United States Veterans' Bureau so as to furnish adequate accommodations for its beneficiaries either by contract or by the hire of temporary employees and the purchase of materials. The allotments made to the Public Health Service, War, Navy, and Interior Departments shall be available for expenditure for care and treatment of benficiaries of the United States Veterans' Bureau, and for necessary minor repairs and improvements of existing facilities, under the various headings of appropriations made to said departments as may be necessary (*U. S. C., pp. 1214–1229, secs. 421–576; pp. 2073–2081, secs. 422–557; p. 1309, sec. 6; act. Feb. 11, 1927, vol. 44, p. 1084*)	31,675,000.00	35,275,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
01	Special and miscellaneous payments	$4,067,645.00	$5,109,300.00	$4,322,757.60
	Supplies and materials:			
0200	Stationery and office supplies	$294,540.00	$272,635.00	$262,107.97
0210	Medical and hospital supplies	1,393,550.00	1,306,255.00	1,284,860.67
0220	Scientific and educational supplies	55,000.00	55,000.00	46,993.12
0230	Fuel	891,180.00	746,180.00	708,073.70
0240	Wearing apparel and sewing supplies	48,955.00	45,345.00	41,433.16
0250	Forage	89,385.00	83,000.00	79,550.28
0260	Provisions	8,325,000.00	7,959,000.00	7,654,360.65
0280	Sundry supplies	132,830.00	126,000.00	121,374.46
02	Total supplies and materials	11,230,440.00	10,593,415.00	10,198,754.01
	Communication service:			
0500	Telegraph service	4,655.00	4,365.00	3,958.25
0510	Telephone service	79,455.00	74,500.00	67,196.41
0520	Other communication service	1,000.00	1,000.00	1,208.25
05	Total communication service	85,110.00	79,865.00	72,362.91

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Medical and Hospital Services, Veterans' Bureau—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Travel expenses:			
0615	Transportation	$1,964,795.00	$1,943,865.00	$1,941,458.02
0616	Subsistence	471,220.00	466,200.00	465,067.00
0690	Special and miscellaneous expenses incident to travel	319,655.00	316,255.00	316,017.86
06	Total travel expenses	2,755,670.00	2,726,320.00	2,722,542.88
07	Transportation of things	826,690.00	915,900.00	803,438.36
10	Furnishing of heat, light, water, etc	813,490.00	752,780.00	662,814.62
11	Rents	453,810.00	453,810.00	652,138.26
12	Repairs and alterations	3,507,385.00	3,598,000.00	3,693,189.19
13	Special and miscellaneous current expenses	215,000.00	215,000.00	249,728.32
22	Burials	1,655,000.00	1,655,000.00	1,302,308.12
	Equipment:			
3010	Furniture, furnishing, and fixtures	806,000.00	1,720,775.00	1,001,468.73
3020	Educational, scientific, and recreational equipment	100,000.00	100,000.00	100,000.00
30	Total equipment	906,000.00	1,820,775.00	1,101,468.73
		26,516,240.00	27,920,165.00	25,781,503.00
	Add amounts transferred to other departments and establishments:			
	War Department	2,857,220.00	2,865,050.00	2,873,814.00
	Navy Department	1,752,000.00	1,756,000.00	1,730,000.00
	National Home for Disabled Volunteer Soldiers		1,830,000.00	1,746,887.26
	St. Elizabeths Hospital	240,900.00	241,560.00	303,840.25
	Treasury Department (Public Health Service)	308,640.00	309,475.00	265,000.00
	Reserve		352,750.00	
	Total	[1] 31,675,000.00	35,275,000.00	32,701,044.51

[1] Does not include $1,825,000, which amount has been incorporated in the estimates of the National Home for Disabled Volunteer Soldiers for hospitalization of Veterans' Bureau beneficiaries in that institution.

Vocational Rehabilitation—

Expenditures from prior balances:

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
02	Scientific and educational supplies		$3,000.00	$5,917.25
06	Travel expenses		6,000.00	7,883.32
07	Transportation of things (service)		500.00	633.44
11	Rent of buildings and structures		300.00	1,482.89
12	Repairs and alterations		10.00	25.25
13	Special and miscellaneous current expenses		5.00	9.30
21	World War allowances and insurance losses	$10,000.00	440,185.00	1,831,876.48
22	Tuition		35,000.00	123,204.51
30	Educational, scientific, and recreational equipment		15,000.00	30,994.00
	Total	10,000.00	500,000.00	2,002,026.44

Adjusted Service Certificate Fund, Veterans' Bureau—

Adjusted service certificate fund: For an amount necessary under section 505 of the World War adjusted compensation act of May 19, 1924, to provide for the payment of the face value of each adjusted service certificate in twenty years from its date or on the prior death of the veteran, $112,000,000, to remain available until expended (*U. S. C., pp. 1229–1234, secs. 591–683; pp. 2082–2084, secs. 612–669; acts Mar. 3, 1927, vol. 44, p. 1389; Feb. 11, 1927, vol. 44, p. 1085*) ..... $112,000,000.00 | $112,000,000.00

2135 World War allowances: Expenditures—1929, $112,000,000; 1928, $112,000,000; 1927, $116,000,000.

Military and Naval Insurance, Veterans' Bureau—

For military and naval insurance accruing during the fiscal year [1928] *1929* or in prior fiscal years (*U. S. C., pp. 1214–1229, secs. 421–576; pp. 2073–2081, secs. 422–557; act Feb. 11, 1927, vol. 44, p. 1085*) ..... 106,750,000.00 | 114,000,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
2162	Military and naval insurance	$113,829,997.00	$116,523,018.00	$121,002,180.07
	From military and naval insurance (no year)	7,079,997.00	2,623,018.00	
	Total	106,750,000.00	114,000,000.00	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Adjusted Service and Dependent Pay—		
Expenditures from prior balances:		
2135 World War allowances: Expenditures—1929, $8,345,000; 1928, $11,660,000; 1927, $9,959,630.34.		
Hospital Facilities and Services, Veterans' Bureau—		
[Hospital facilities and services: For carrying out the provisions of the act entitled "An act to authorize an appropriation to provide additional hospital and out-patient dispensary facilities for persons entitled to hospitalization under the "World War veterans' act, 1924," approved March 3, 1925, $1,000,000, to be immediately available and to remain available until expended] (*act Feb. 11, 1927, vol. 44, p. 1085*)		$1, 000, 000. 00
32 Structures and parts and nonstructural improvements to land (including fixed equipment): Expenditures—1928, $8,364,823 59; 1927, $9,450,000.		
NOTE.—In addition to the $1,000,000 appropriated during the fiscal year 1928, the entire balance of $7,364,823.59 from the appropriation without year will be expended.		
Trust fund:		
United States Government Life Insurance Fund, Veterans' Bureau—		
SEC. 17. That all premiums paid on account of insurance converted under the provisions of Title III hereof shall be deposited and covered into the Treasury to the credit of the United States Government life-insurance fund and shall be available for the payment of losses, dividends, refunds, and other benefits provided for under such insurance, including such liabilities as shall have been or shall hereafter be reduced to judgment in a district court of the United States or in the Supreme Court of the District of Columbia. Payments from this fund shall be made upon and in accordance with awards by the director.		
The bureau is authorized to set aside out of the fund so collected such reserve funds as may be required under accepted actuarial principles, to meet all liabilities under such insurance; and the Secretary of the Treasury is hereby authorized to invest and reinvest the said United States Government life-insurance fund, or any part thereof, in interest-bearing obligations of the United States or bonds of the Federal farm-loan banks and to sell said obligations of the United States or the bonds of the Federal farm-loan banks for the purposes of such fund (*U. S. C., pp. 1214–1229, secs. 421–576; pp. 2073–2081, secs. 422–557; act Mar. 3, 1927, vol. 44, p. 1389*)	$74, 500, 000. 00	
NOTE.—The estimate for this fund has not heretofore been included in the Budget. The estimated amount required for 1928 is $72,465,000.		

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
2150	Insurance losses	$16, 637, 360. 00	$15, 898, 000. 00	$11, 772, 059. 96
5040	Investment of trust funds, including loans	57, 862, 640. 00	56, 567, 000. 00	55, 250, 987. 79
	Total	74, 500, 000. 00	72, 465, 000. 00	67, 023, 047. 75

Total, United States Veterans' Bureau	560, 060, 000. 00	473, 400, 000. 00
Appropriation for 1928 not asked for 1929		14, 000. 00
Total, Executive Office and independent establishments	612, 204, 052. 00	520, 355, 808. 00

SEC. 2. In expending appropriations or portions of appropriations, contained in this act, for the payment for personal services in the District of Columbia in accordance with the classification act of 1923, the average of the salaries of the total number of persons under any grade in any bureau, office, or other appropriation unit shall not at any time exceed the average of the compensation rates specified for the grade by such act, and in grades in which only one position is allocated the salary of such position shall not exceed the average of the compensation rates for the grade except that in unusually meritorious cases of one position in a grade advances may be made to rates higher than the average of the compensation rates of the grade but not more often than once in any fiscal year and then only to the next higher rate: *Provided*, That this restriction shall not apply (1) to grades 1, 2, 3, and 4 of the clerical-mechanical service, or (2) to require the reduction in salary of any person whose compensation was fixed as of July 1, 1924, in accordance with the rules of section 6 of such act, (3) to require the reduction in salary of any person who is transferred from one position to another position in the same or different grade in the same or a different bureau, office, or other appropriation unit, or (4) to prevent the payment of a salary under any grade at a rate higher than the maximum rate of the grade when such higher rate is permitted by the classification act of 1923, and is specifically authorized by other law.

SEC. 3. This act hereafter may be referred to as the "Independent offices act, [1928] *1929*."

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

CHAPTER III.—DEPARTMENT OF AGRICULTURE

OFFICE OF THE SECRETARY

Salaries, Office of the Secretary—

For Secretary of Agriculture, $15,000; Assistant Secretary and other personal services in the District of Columbia, including $7,294 for extra labor and emergency employments, in accordance with the classification act of 1923, and for personal services in the field, $642,000; in all, $657,000, of which amount not to exceed [$634,600] *$633,800* may be expended for personal services in the District of Columbia: *Provided*, That in expending appropriations or portions of appropriations contained in this act, for the payment for personal services in the District of Columbia in accordance with the classification act of 1923, the average of the salaries of the total number of persons under any grade in any bureau, office, or other appropriation unit shall not at any time exceed the average of the compensation rates specified for the grade by such act, and in grades in which only one position is allocated the salary of such position shall not exceed the average of the compensation rates for the grade, except that in unusually meritorious cases of one position in a grade advances may be made to rates higher than the average of the compensation rates of the grade, but not more often than once in any fiscal year, and then only to the next higher rate: *Provided*, That this restriction shall not apply (1) to grades 1, 2, 3, and 4 of the clerical-mechanical service, or (2) to require the reduction in salary of any person whose compensation was fixed, as of July 1, 1924, in accordance with the rules of section 6 of such act, (3) to require the reduction in salary of any person who is transferred from one position to another position in the same or different grade, in the same or different bureau, office, or other appropriation unit, or (4) to prevent the payment of a salary under any grade at a rate higher than the maximum rate of the grade when such higher rate is permitted by the classification act of 1923, and is specifically authorized by other law: *Provided further*, That the Secretary of Agriculture is authorized to contract for stenographic reporting services and the appropriations made in this act shall be available for such purposes (*U. S. C., p. 56, secs. 511–515; act Jan. 18, 1927, vol. 44, p. 977*)

	$657,000.00	$657,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Clerical, administrative, and fiscal service—	*Average—*		*Average—*		*Average—*	
Grade 14, $7,500 and over—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Secretary	1	$15,000	1	$15,000	1	$15,000
Special executive officer (Assistant Secretary)	1	7,500	1	7,500	1	7,500
Grade 12, $5,200 to $6,000; average, $5,600—						
Senior administrative officer (1. Assistant to Secretary; 2. Budget officer)	2	5,600	2	5,600	2	5,500
Grade 11, $3,800 to $5,000; average, $4,400—						
Administrative officer (1. Chief clerk; 2. Director of purchase; 3. Disbursing clerk; 4 Private secretary)	4	4,350	4	4,350	3	4,333
Assistant chief accountant and auditor	1	3,800	1	3,800	0.3	3,800
Grade 10, $3,300 to $3,900; average, $3,600—						
Junior administrative officer	3	3,367	3	3,367	2	3,575
Senior accountant and auditor					0.7	3,600
Grade 9, $3,000 to $3,600; average, $3,300—						
Senior administrative assistant	4	3,375	4	3,375	4.9	3,298
Investigator	2	3,000	2	3,000	0.7	3,000
Grade 8, $2,700 to $3,300; average, $3,000—						
Administrative assistant	4	2,975	4	2,975	4.4	3,000
Assistant traffic manager	1	3,000	1	3,000	1	3,000
Associate investigator					1.3	2,862
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant	11	2,673	11	2,673	10.6	2,684
Senior transportation-rate and traffic auditor	1	2,700	1	2,700	1	2,650
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	7	2,400	7	2,400	7.3	2,401
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	18	2,128	18	2,128	17.9	2,091
Senior clerk-stenographer	4	2,100	4	2,100	4.3	2,095
Head stenographer	3	1,993	3	1,993	3	1,973
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	16	1,879	16	1,879	15.6	1,870
Clerk-stenographer	4	1,890	4	1,890	4	1,889
Head operator	1	1,740	1	1,740	1	1,740

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927		Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Salaries, Office of the Secretary—Continued.								
Departmental service—Continued.								
Salaries—Continued.								
Clerical, administrative, and fiscal service—Con.	*Average—*		*Average—*		*Average—*			
Grade 3, $1,500 to $1,860; average, $1,680—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*		
Assistant clerk	23	$1,657	23	$1,657	22.1	$1,635		
Senior stenographer	9	1,633	9	1,633	9.4	1,649		
Assistant clerk-stenographer	9	1,633	9	1,633	8.8	1,598		
Senior operator	2	1,560	2	1,560	1.3	1,546		
Junior transportation-rate and traffic clerk	1	1,740	1	1,740	1	1,710		
Head typist	1	1,500	1	1,500	1	1,620		
Grade 2, $1,320 to $1,680; average, $1,500—								
Junior clerk	11	1,522	11	1,522	10.7	1,512		
Junior clerk-typist	5	1,392	5	1,392	5.3	1,360		
Junior operator	4	1,440	4	1,440	4	1,560		
Senior typist	1	1,440	1	1,440	1.3	1,343		
Junior clerk-stenographer	1	1,680	1	1,680	1.8	1,613		
Grade 1, $1,140 to $1,500; average, $1,320—								
Underclerk	12	1,245	12	1,245	11.1	1,302		
Underoperator	7	1,329	7	1,329	6.7	1,316		
Junior typist	2	1,260	2	1,260	2.8	1,226		
Professional and scientific service—								
Grade 7, $7,500 and over—								
Special scientist (director)	3	7,500	3	7,500	2.8	7,500		
Grade 6, $6,000 to $7,500; average, $6,750—								
Chief scientist (director)	1	6,500	1	6,500	1	6,000		
Chief attorney (solicitor)	1	6,000	1	6,000	1	6,000		
Grade 5, $5,200 to $6,000; average, $5,600—								
Senior attorney	3	5,400	3	5,400	3	5,267		
Grade 4, $3,800 to $5,000; average, $4,400—								
Attorney	6	4,200	6	4,200	5.1	4,231		
Grade 3, $3,000 to $3,600; average, $3,300—								
Associate attorney	9	3,178	9	3,178	9.8	3,151		
Grade 2, $2,400 to $3,000; average, $2,700—								
Assistant attorney	2	2,600	2	2,600	1.3	2,631		
Grade 1, $1,860 to $2,400; average, $2,111.42—								
Junior attorney					0.7	2,200		
Subprofessional service—								
Grade 7, $2,100 to $2,700; average, $2,400—								
Principal library assistant	1	2,100	1	2,100				
Grade 5, $1,680 to $2,040; average, $1,860—								
Library assistant					1	1,860		
Custodial service—								
Grade 5, $1,320 to $1,680; average, $1,500—								
Principal guard	3	1,440	3	1,440	3	1,440		
Foreman of laborers (skilled laborer)	1	1,680	1	1,680	1	1,680		
Grade 4, $1,140 to $1,500; average, $1,320—								
Senior guard	2	1,170	2	1,170	1.9	1,140		
Head messenger	1	1,320	1	1,320	1	1,320		
Assistant foreman of laborers	1	1,260	1	1,260	1	1,260		
Grade 3, $1,020 to $1,260; average, $1,140—								
Guard (watchman)	74	1,056	74	1,056	73.7	1,054		
Messenger	6	1,140	6	1,140	6.7	1,173		
Senior laborer	6	1,140	6	1,140	5.7	1,125		
Minor mechanic	1	1,260	1	1,260	1	1,260		
Grade 2, $900 to $1,140; average, $1,020—								
Junior laborer	22	1,061	22	1,061	22.6	1,028		
Assistant messenger	7	917	7	917	7.6	922		
Junior laborer (charwoman, 3 hours per day)	30	367	30	367	30.3	367		
Junior laborer (charwoman, 6 hours per day)	1	734	1	734	1	734		
Grade 1, $600 to $780; average, $690—								
Junior messenger	3	630	3	630	2.6	601		
Total average number of regular employees	360		360		359.1			
Total salaries, regular employees		626,506.00		626,506.00		622,962.42		
Salaries (extra labor and emergency employments)—								
Unclassified part-time employees, at $2.50 per diem when actually employed (relief watchman)	30		30		30			
Total salaries and wages, part-time employees		7,294.00		7,294.00		7,120.00		
Field service:								
Salaries and wages—								
Salary range, $3,800 to $5,000; average, $4,400—								
District law officer	2	4,200	2	4,200	2	4,000		
Salary range, $3,300 to $3,900; average, $3,600—								
District law officer	4	3,700	4	3,700	4	3,600		
Salary range, $3,000 to $3,600; average, $3,300—								
Special investigator					0.3	3,000		
Total average number of employees	6		6		6.3			
Total salaries and wages, field service		23,200.00		23,200.00		23,149.92		
01 Total personal services		657,000.00		657,000.00		653,232.34		
Unobligated balance						12,727.66		
Total		657,000.00		657,000.00		665,960.00		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Compensation, Mechanical Shops and Power Plant, Department of Agriculture— For salaries and compensation of necessary employees in the mechanical shops and power plant of the Department of Agriculture (*U. S. C., p. 58, sec. 543; act Jan. 18, 1927, vol. 44, p. 977*)	$91,000.00	$91,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Clerical, administrative, and fiscal service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 10, $3,300 to $3,900; average, $3,600— Junior administrative officer	1	$3,400	1	$3,400	1	$3,350
Grade 7, $2,400 to $3,000; average, $2,700— Junior administrative assistant	1	2,700	1	2,700	1	2,700
Grade 5, $1,860 to $2,400; average, $2,111.42— Senior clerk	1	2,200	1	2,200	1	2,150
Grade 4, $1,680 to $2,040; average, $1,860— Clerk	3	1,700	3	1,700	3	1,708
Grade 3, $1,500 to $1,860; average, $1,680— Assistant clerk	1	1,500	1	1,500	1	1,560
Custodial service—						
Grade 10, $2,400 to $3,000; average, $2,700— Chief mechanical superintendent	1	3,000	1	3,000	1	2,900
Grade 9, $2,100 to $2,700; average, $2,400— Assistant mechanical superintendent	6	2,350	6	2,350	3	2,283
Grade 8, $1,860 to $2,400; average, $2,111.42— Principal mechanic	5	2,084	5	2,084	5.4	2,097
Grade 7, $1,680 to $2,040; average, $1,860— Senior mechanic	35	1,839	35	1,839	16.6	1,851
Grade 6, $1,500 to $1,860; average, $1,680— Mechanic	15	1,700	15	1,700	40.6	1,692
Grade 5, $1,320 to $1,680; average, $1,500— Junior mechanic	3	1,500	3	1,500	2.9	1,467
Grade 4, $1,140 to $1,500; average, $1,320— Undermechanic	22	1,334	22	1,334	23.9	1,285
Grade 3, $1,020 to $1,260; average, $1,140— Minor mechanic	15	1,212	15	1,212	14.2	1,186
Senior laborer	2	1,200	2	1,200	2.2	1,165
Grade 2, $900 to $1,140; average, $1,020— Subordinate mechanic	20	990	20	990	19.4	967
Junior laborer	3	1,000	3	1,000	2.4	1,025
Assistant messenger	1	1,020	1	1,020	1	1,020
Total average number of employees	135		135		139.6	
Total salaries, departmental service		210,540.00		210,540.00		211,744.23
Deduct reimbursement for work done for other bureaus		119,540.00		119,540.00		120,199.57
01 Total personal services		91,000.00		91,000.00		91,544.66
Unobligated balance						455.34
Total		91,000.00		91,000.00		92,000.00

Miscellaneous Expenses, Department of Agriculture—
For stationery, blank books, twine, paper, gum, dry goods, soap, brushes, brooms, mats, oils, paints, glass, lumber, hardware, ice, fuel, water and gas pipes, heating apparatus, furniture, carpets, and mattings; for lights, freight, express charges, [not to exceed $700 for newspapers for which payment may be made in advance,] advertising and press clippings, telegraphing, telephoning, postage, washing towels, and necessary repairs and improvements to buildings and heating apparatus; for the maintenance, repair, and operation of not to exceed [three] *four* motor-propelled passenger-carrying vehicles and one motor cycle, for official purposes only; for the payment of the Department of Agriculture's proportionate share of the expense of the dispatch agent in New York; for official traveling expenses; and for other miscellaneous supplies and expenses not otherwise provided for and necessary for the practical and efficient work of the department, [$143,000] *$142,300* [of which not to exceed $1,500, in addition to the turn-in value of three automobiles now in use by the Department of Agriculture, may be used for the purchase of an automobile for official use] (*U. S. C., p. 35, sec. 104; p. 58, sec. 542; act Jan. 18, 1927, vol. 44, p. 977*) — 142,300.00 — 143,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Supplies and materials:			
0200 Stationery and office supplies	$7,000.00	$7,000.00	$7,002.20
0220 Scientific and educational supplies	800.00	1,500.00	1,527.87
0230 Fuel (including gas)	51,000.00	51,000.00	52,012.61
0280 Sundry supplies	6,000.00	6,000.00	4,673.01
02 Total supplies and materials	64,800.00	65,500.00	65,215.69
Communication service:			
0500 Telegraph service	800.00	800.00	843.07
0510 Telephone service	4,100.00	4,000.00	4,155.42
0520 Other communication service	1,600.00	1,600.00	1,701.56
05 Total communication service	6,500.00	6,400.00	6,700.05

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Miscellaneous Expenses, Department of Agriculture—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Travel expenses:			
0615 Transportation	$5,100.00	$5,100.00	$5,103.49
0616 Subsistence	2,400.00	2,400.00	2,436.41
06 Total travel expenses	7,500.00	7,500.00	7,539.90
07 Transportation of things (including parcels postage)	1,000.00	1,000.00	1,034.74
10 Furnishing of heat, light, power, water, and electricity	16,300.00	16,300.00	18,785.83
11 Rents: Other rents (equipment)	100.00	100.00	133.50
12 Repairs and alterations	28,000.00	27,600.00	27,668.56
13 Special and miscellaneous current expenses	2,800.00	2,800.00	2,804.61
Equipment:			
3000 Passenger-carrying vehicles		1,500.00	4,000.00
3010 Furniture, furnishings, and fixtures	5,000.00	5,000.00	4,378.19
3050 Other equipment	1,000.00	1,000.00	1,006.27
30 Total equipment	6,000.00	7,500.00	9,384.46
31 Land and interests in land			35,000.00
33 Stores purchased for resale	6,000.00	4,000.00	1,944.38
	139,000.00	138,700.00	176,211.72
Add amounts transferred to other departments and establishments—			
United States Government Hotels	2,700.00	2,700.00	3,100.24
Department of State	600.00	600.00	600.00
Unobligated balance			88.04
Reserve		1,000.00	
Total	142,300.00	143,000.00	180,000.00

Statement of proposed expenditures from the appropriation for miscellaneous expenses, Department of Agriculture, for the fiscal year ending June 30, 1929, for the maintenance, repair, and operation of motor-propelled passenger-carrying vehicles, as required by section 5 of the act of July 16, 1914 (38 Stat. p. 508)

Office	For maintenance, repair, and operation			Public purposes for which intended	Officials and employees by whom used
	Number	Description	Amount		
Secretary's	4	Automobile	$1,450	Personal transportation on official business.	Secretary of Agriculture and other assistants, Washington, D. C.
	1	Motor cycle	50	do	Messenger.

Rent of Buildings, Department of Agriculture—

For rent of buildings and parts of buildings in the District of Columbia, for use of the various bureaus, divisions, and offices of the Department of Agriculture, [$180,366] *$175,300*: *Provided*, That only such part of this sum shall be available to pay rent for space which can not be furnished by the Public Buildings Commission in Government buildings located in the District of Columbia (*U. S. C., p. 1290, sec. 34; act Jan. 18, 1927, vol. 44, p. 978*) $175,300.00 $180,366.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
1100 Rent of buildings and structures	$175,300.00	$180,366.00	$174,915.53
Unobligated balance			20,450.47
Total	175,300.00	180,366.00	195,366.00

Statement showing estimated amounts that will be paid from the appropriation "Rent of buildings, Department of Agriculture," during the fiscal year 1928 for quarters to be occupied by the various branches of the department (38 Stat. p. 1108)

Bureau of Agricultural Economics	$28,356	Library, Department of Agriculture	$5,477
Bureau of Animal Industry	5,295	Office of the Secretary [1]	33,729
Bureau of Biological Survey	3,921	Bureau of Plant Industry	14,869
Bureau of Chemistry and Soils	27,827	Bureau of Public Roads	14,000
Bureau of Entomology	900	Weather Bureau	1,000
Food, Drug, and Insecticide Administration	4,360	Unobligated	4,907
Forest Service	35,600	Total	180,366
Grain Futures Administration	185		

[1] Includes extension service, office of experiment stations, office of information, and departmental storage.

Total, office of the Secretary 1,065,600.00 1,071,366.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
OFFICE OF INFORMATION		
Salaries and Expenses, Office of Information—		
For necessary expenses in connection with the publication, indexing, illustration, and distribution of bulletins, documents, and reports, including labor-saving machinery and supplies, envelopes, stationery and materials, office furniture and fixtures, photographic equipment and materials, artists' tools and supplies, telephone and telegraph service, freight and express charges; purchase and maintenance of bicycles; purchase of manuscripts; traveling expenses; electrotypes, illustrations, and other expenses not otherwise provided for, [$377,000] *$379,500*, of which not to exceed $338,000 may be used for personal services in the District of Columbia in accordance with the classification act of 1923 (*U. S. C., p. 56, secs. 511–512; act Jan. 18, 1927, vol. 44, p. 978*)	$379,500.00	$377,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 6, $6,000 to $7,500; average, $6,750—						
Chief scientist (director of information)	1	$6,000	1	$6,000	1	$6,000
Grade 4, $3,800 to $5,000; average, $4,400—						
Scientist (editorial chief)	1	4,800	1	4,800	1	4,600
Educationist (chief of radio)	1	3,800	1	3,800	0.3	3,900
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate scientist (editor of scientific publications)	1	3,000	1	3,000	0.5	3,000
Subprofessional service—						
Grade 8, $2,400 to $3,000; average, $2,700—						
Chief scientific illustrator					0.6	2,550
Grade 6, $1,860 to $2,400; average, $2,111.42—						
Senior scientific illustrator	6	1,900	6	1,900	5.9	1,880
Senior library assistant	1	1,860	1	1,860	0.7	1,860
Grade 5, $1,680 to $2,040; average, $1,860—						
Scientific illustrator	1	1,860	1	1,860	1	1,770
Grade 4, $1,500 to $1,860; average, $1,680—						
Junior library assistant					0.3	1,680
Grade 3, $1,320 to $1,680; average, $1,500—						
Junior scientific illustrator	1	1,440	1	1,440	0.4	1,380
Clerical, administrative, and fiscal service—						
Grade 12, $5,200 to $6,000; average, $5,600—						
Senior administrative officer	1	5,200	1	5,200	1	5,200
Grade 11, $3,800 to $5,000; average, $4,400—						
Administrative officer (chief of press service)	1	4,200	1	4,200	1	4,000
Grade 10, $3,300 to $3,900; average, $3,600—						
Administrative officer					0.7	3,500
Junior administrative officer	1	3,600	1	3,600	0.9	3,400
Senior editor	1	3,500	1	3,500	1	3,500
Grade 8, $2,700 to $3,300; average, $3,000—						
Administrative assistant	4	2,975	4	2,975	3.9	2,950
Associate editor	2	3,050	2	3,050	2.1	3,100
Agricultural writer	3	2,700	3.1	2,700	0.3	2,700
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant	5	2,760	5	2,760	4.5	2,740
Assistant editor	2	2,500	2	2,500	1.4	2,400
Chief photographer	1	2,600	1	2,600	1	2,450
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	6	2,400	6	2,400	6.9	2,340
Principal clerk-stenographer	1	2,500	1	2,500	1	2,500
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	4	2,275	4	2,275	3.9	2,250
Senior photographer	9	1,922	9	1,922	9	1,896
Senior operator	1	2,200	1	2,200	1	2,100
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	9	1,807	9	1,807	9.4	1,812
Clerk-stenographer	3	1,740	3	1,740	2.3	1,680
Head operator	7	1,808	7	1,808	4.2	1,808
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	19	1,608	19	1,608	18.2	1,598
Senior stenographer	1	1,680	1	1,680	1	1,680
Assistant clerk-stenographer					1	1,680
Senior operator	1	1,500	1	1,500	2.7	1,575
Assistant photographer					0.1	1,560
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior operator	10	1,440	10	1,440	10.1	1,435
Senior typist	4	1,350	4	1,350	2.7	1,357
Junior clerk-typist	4	1,395	4	1,395	3.2	1,392
Junior clerk-stenographer	2	1,440	2	1,440	2.7	1,380
Junior clerk	21	1,425	21	1,425	23.1	1,402
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	13	1,283	13	1,283	12.7	1,247
Underoperator	23	1,349	23	1,349	22.8	1,334
Underphotographer					0.6	1,380
Custodial service—						
Grade 6, $1,500 to $1,860; average, $1,680—						
Mechanic	1	1,680	1	1,680	1	1,620
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger	1	1,140	1	1,140	1	1,080
Senior laborer	5	1,128	5	1,128	5	1,116
Grade 2, $900 to $1,140; average, $1,020—						
Junior laborer	11	952	11	952	10.5	954
Assistant messenger	5	985	5	985	5.6	930
01 Total average number of employees	195		195.1		191.2	
Total salaries, departmental service		338,000.00		338,000.00		324,737.63

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Office of Information—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Supplies and materials:			
0200	Stationery and office supplies	$5,000.00	$5,000.00	$5,193.26
0210	Medical and hospital supplies	10.00	10.00	10.14
0220	Scientific and educational supplies	2,900.00	2,900.00	2,930.37
0280	Sundry supplies	125.00	125.00	122.56
02	Total supplies and materials	8,035.00	8,035.00	8,256.33
	Communication service:			
0500	Telegraph service	40.00	40.00	38.00
0510	Telephone service	850.00	850.00	861.07
05	Total communication service	890.00	890.00	899.07
	Travel expenses:			
0615	Transportation	1,000.00	1,000.00	1,119.55
0616	Subsistence	700.00	700.00	707.95
06	Total travel expenses	1,700.00	1,700.00	1,827.48
07	Transportation of things	5,500.00	5,500.00	5,719.72
08	Photographing and photographs and prints	75.00	75.00	65.13
11	Rents	4,000.00	4,000.00	2,354.08
12	Repairs and alterations	4,500.00	4,500.00	4,707.79
	Equipment:			
3010	Furniture, furnishings, and fixtures	4,500.00	4,500.00	4,765.82
3020	Educational and scientific equipment	350.00	350.00	359.55
3050	Other equipment	11,950.00	8,450.00	6,011.38
30	Total equipment	16,800.00	13,300.00	11,136.75
			376,000.00	359,703.98
	Unobligated balance			6,676.02
	Reserve		1,000.00	
	Total	379,500.00	377,000.00	366,380.00

Printing and Binding, Department of Agriculture—

For all printing and binding for the Department of Agriculture, including all of its bureaus, offices, institutions, and services located in Washington, District of Columbia, and elsewhere, [$738,000] *$792,000*, including the Annual Report of the Secretary of Agriculture, as required by the act approved January 12, 1895, and in pursuance of the Joint Resolution Numbered 13, approved March 30, 1906, and also including not to exceed $250,000 for farmers' bulletins, which shall be adapted to the interests of the people of the different sections of the country, an equal proportion of four-fifths of which shall be delivered to or sent out under the addressed franks furnished by the Senators, Representatives, and Delegates in Congress, as they shall direct, but not including work done at the field printing plants of the Weather Bureau and the Forest Service authorized by the Joint Committee on Printing, in accordance with the act approved March 1, 1919: *Provided, That not to exceed $50,000 of this amount shall be available for the publication of a handbook on fruit and vegetable diseases (U. S. C., p. 1013, sec. 588; p. 1421, sec. 111; pp. 1429–1432, secs. 212–222, 241, 244, 257; p. 1435, secs. 290, 296; act Jan. 18, 1927, vol. 44, p. 978)*

$792,000.00 | $738,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
0800	Publications and binding	$565,500.00	$555,000.00	$555,034.98
0810	Lithographing	67,000.00	26,500.00	26,362.84
02011	Printed forms and letterheads	159,500.00	156,500.00	156,602.18
	Total	792,000.00	738,000.00	738,000.00
08	Printing and binding "Diseases of the Horse" and "Diseases of Cattle"			134.50
	Unexpended balance			199,865.50
	Total			200,000.00

Total, Office of Information, [$1,115,000] *$1,171,500*, of which amount not to exceed $338,000 may be expended for personal services in the District of Columbia

1,171,500.00 | 1,115,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
LIBRARY, DEPARTMENT OF AGRICULTURE		
Salaries and Expenses, Library, Department of Agriculture— Salaries and expenses: For books of reference, law books, technical and scientific books, periodicals, and for expenses incurred in completing imperfect series; *not to exceed $1,200 for newspapers for which payment may be made in advance;* for salaries in the city of Washington and elsewhere; for official traveling expenses, and for library fixtures, library cards, supplies, and for all other necessary expenses, [$84,180] *$90,300,* of which amount not to exceed [$60,000] *$63,720* may be expended for personal services in the District of Columbia (*U. S. C., p. 56, secs. 511–512; act Jan. 18, 1927, vol. 44, p. 978*)	$90,300.00	$84,180.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 4, $3,800 to $5,000; average, $4,400—						
Librarian (librarian of the department)	1	$3,800	1	$3,800	1	$3,800
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate librarian (assistant librarian)	1	3,200	1	3,200	1	3,150
Associate librarian (chief, catalogue and order division)	1	3,000	1	3,000	1	3,000
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant librarian (chief, periodical division)	1	2,900	1	2,900	1	2,900
Assistant librarian (assistant chief, periodical division)	1	2,400	1	2,400	1	2,400
Assistant librarian (assistant chief, catalogue and order division)	1	2,400	1	2,400	1	2,400
Assistant librarian (reference assistant)	1	2,400	1	2,400	1	2,400
Grade 1, $1,860 to $2,400; average, $2,111.42—						
Junior librarian (cataloguer)	7	2,011	5	2,072	4.2	2,032
Subprofessional service—						
Grade 5, $1,680 to $2,040; average, $1,860—						
Library assistant	3	1,720	2.8	1,693	2.9	1,765
Grade 4, $1,500 to $1,860; average, $1,680—						
Junior library assistant	2	1,530	2.1	1,569	2.6	1,521
Grade 3, $1,320 to $1,680; average, $1,500—						
Under library assistant	3	1,460	3	1,460	2.9	1,406
Grade 2, $1,140 to $1,500; average, $1,320—						
Minor library assistant	2	1,200	2.2	1,182	2.7	1,283
Clerical, administrative, and fiscal service—						
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk (secretary to librarian)	1	2,300	1	2,300	1	2,200
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk (library accountant)	1	2,040	1	2,040	1	1,980
Clerk (translator)	1	1,680	1	1,680	1	1,680
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk					0.7	1,530
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	1	1,500	1	1,500	1	1,500
Senior typist	1	1,320	1	1,320	0.5	1,320
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk					1,	1,140
Custodial service—						
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger	2	1,110	2	1,110	1.6	1,084
Grade 2, $900 to $1,140; average, $1,020—						
Assistant messenger	1	900	0.9	783	0.8	900
Junior laborer	3	920	3	920	3	920
Grade 1, $600 to $780; average, $690—						
Junior messenger					0.2	600
Total average number of employees	35		33		33.2	
01 Total salaries, departmental service		63,720.00		60,000.00		59,335.04
The difference between 1929 and 1928 is due to increase in force, $3,720.						
Supplies and materials:						
0200 Stationery and office supplies		750.00		750.00		756.44
0220 Scientific and educational supplies		1,200.00				.11
02 Total supplies and materials		1,950.00		750.00		756.55
Travel expenses:						
0615 Transportation		75.00		75.00		29.44
0616 Subsistence		125.00		125.00		49.00
06 Total travel expenses		200.00		200.00		78.44
07 Transportation of things (service)		100.00		100.00		95.39
09 Advertising and publication of notices (service)						7.20
12 Repairs and alterations		400.00		300.00		355.24
Equipment:						
3010 Furniture, furnishings, and fixtures		500.00		600.00		433.40
3020 Educational, scientific, and recreational equipment		23,380.00		22,180.00		22,385.36
3050 Other equipment		50.00		50.00		43.46
30 Total equipment		23,930.00		22,830.00		22,862.22
						83,490.08
Unobligated balance						689.92
Total		90,300.00		84,180.00		84,180.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
OFFICE OF EXPERIMENT STATIONS		
Payments to States for Agricultural Experiment Stations—		
To carry into effect the provisions of an act approved March 2, 1887, entitled "An act to establish agricultural experiment stations in connection with the colleges established in the several States under the provisions of an act approved July 2, 1862, and of the acts supplementary thereto," the sums apportioned to the several States, to be paid quarterly in advance (*U. S. C., pp. 111–113, secs. 301–308; pp. 115–117, secs. 362–363, 365, 368, 377–379; act Jan. 18, 1927, vol. 44, pp. 978–979*)	$720,000.00	
22 Grants, subsidies, and contributions: Expenditures—1929, $720,000; 1928, $720,000; 1927, $720,000.		
To carry into effect the provisions of an act approved March 16, 1906, entitled "An act to provide for an increased annual appropriation for agricultural experiment stations and regulating the expenditure thereof," the sums apportioned to the several States, to be paid quarterly in advance (*U. S. C., pp. 111–113, secs. 301–308; pp. 115–117, secs. 362–363, 365, 368–369, 375, 377–379; act Jan. 18, 1927, vol. 44, p. 979*)	720,000.00	
22 Grants, subsidies, and contributions: Expenditures—1929, $720,000; 1928, $720,000; 1927, $720,000.		
To carry into effect the provisions of an act entitled "An act to authorize the more complete endowment of agricultural experiment stations," approved February 24, 1925, [$1,920,000] (*U. S. C., pp. 111–117, secs. 301–308, 341–348, 361–366, 368–371, 373–382; act Jan. 18, 1927, vol. 44, p. 979*)	2,400,000.00	
22 Grants, subsidies, and contributions: Expenditures—1929, $2,400,000; 1928, $1,920,000; 1927, $1,440,000.		
In all, payments to States for agricultural experiment stations	$3,840,000.00	$3,360,000.00
Salaries and Expenses, Office of Experiment Stations—		
To enable the Secretary of Agriculture to enforce the provisions of the acts approved March 2, 1887, March 16, 1906, and February 24, 1925, relative to their administration and for the administration of agricultural experiment stations in Alaska, Hawaii, Porto Rico, the island of Guam, and the Virgin Islands of the United States, including the employment of clerks, assistants, and other persons in the city of Washington and elsewhere, freight and express charges, official traveling expenses, office fixtures, supplies, apparatus, telegraph and telephone service, gas, electric current, and rent outside of the District of Columbia, [$124,566] *$130,000*; and the Secretary of Agriculture shall prescribe the form of the annual financial statement required under the above acts, ascertain whether the expenditures are in accordance with their provisions, coordinate the work of the Department of Agriculture with that of the State agricultural colleges and experiment stations in the lines authorized in said acts, and make report thereon to Congress (*U. S. C., p. 56, secs. 511–512; pp. 111–117, secs. 301–308, 341–348, 361–366, 368–371, 373–380, 382; act Jan. 18, 1927, vol. 44, p. 979*)	130,000.00	

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
Grade 5, $5,200 to $6,000; average, $5,600—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Senior scientist	4	$5,400	3	$5,467	2.7	$5,385
Grade 4, $3,800 to $5,000; average, $4,400—						
Scientist	6.5	4,046	7	4,029	6.6	4,073
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate scientist	5	3,240	5	3,240	4.1	3,200
Grade 2, $2,100 to $3,000; average, $2,700—						
Assistant librarian	1	2,400	0.6	2,400	0.9	2,400
Assistant scientist	1	2,700	1	2,700	1	2,650
Subprofessional service—						
Grade 6, $1,860 to $2,400; average, $2,111.42—						
Senior library assistant	1	2,200	1	2,200	1	2,150
Grade 5, $1,680 to $2,040; average, $1,860—						
Library assistant	1	1,860	1	1,860	1	1,800
Grade 4, $1,500 to $1,860; average, $1,680—						
Junior library assistant	1	1,680	1.6	1,635	0.9	1,593
Grade 3, $1,320 to $1,680; average, $1,500—						
Under library assistant	1	1,380	1	1,380	1	1,320
Clerical, administrative, and fiscal service—						
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	2	2,400	2	2,400	2	2,400
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk-stenographer	1	2,200	1	2,200	1	2,200
Senior stenographer	4	2,115	4	2,115	4	2,115

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Office of Experiment Stations—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Departmental service—Continued.			
Salaries—Continued.			
Clerical, administrative, and fiscal service—Con.	*Average—*	*Average—*	*Average—*
Grade 4, $1,680 to $2,040; average, $1,860—	*No.* *Salary*	*No.* *Salary*	*No.* *Salary*
Clerk	1 $2,040	1 $2,040	1 $2,040
Clerk-stenographer	1 1,860	1 1,860	1 1,740
Principal stenographer	11 1,735	10 1,740	9.5 1,721
Grade 3, $1,500 to $1,860; average, $1,680—			
Assistant clerk	1 1,560	1 1,560	1 1,560
Assistant clerk-stenographer	1.3 1,500	1 1,500	0.1 1,500
Grade 2, $1,320 to $1,680; average, $1,500—			
Senior typist	1 1,500	1 1,500	1 1,500
Grade 1, $1,140 to $1,500; average, $1,320—			
Underclerk	1 1,320	1 1,320	1 1,320
Custodial service—			
Grade 2, $900 to $1,140; average, $1,020—			
Assistant messenger	1 900	1 900	1 900
Grade 1, $600 to $780; average, $690—			
Junior messenger	1 600	1 600	0.4 600
Total average number of employees	47.8	46.2	42.2
Total salaries, departmental service	122,574.00	117,140.00	107,058.78
The difference between 1929 and 1928 is due to increase in force, $5,434.			
Field service:			
Salaries and wages—			
Temporary employee, at $1.50 per hour			1 240
01 Total personal services	122,574.00	117,140.00	107,298.78
Supplies and materials:			
0200 Stationery and office supplies	500.00	400.00	683.93
0220 Scientific and educational supplies	125.00	125.00	124.99
0280 Sundry supplies	25.00	25.00	17.14
02 Total supplies and materials	650.00	550.00	826.06
Communication service:			
0500 Telegraph service	25.00	25.00	19.00
0510 Telephone service	275.00	275.00	275.72
05 Total communication service	300.00	300.00	294.72
Travel expenses:			
0615 Transportation	2,700.00	2,600.00	2,970.77
0616 Subsistence	2,300.00	2,100.00	2,422.17
0617 Incidental			7.59
06 Total travel expenses	5,000.00	4,700.00	5,400.53
07 Transportation of things (service)	636.00	636.00	653.96
08 Printing and binding	15.00	15.00	5.53
12 Repairs and alterations	375.00	350.00	834.59
13 Miscellaneous current expenses	25.00	25.00	25.82
30 Equipment: Furniture, furnishings, and fixtures	425.00	350.00	979.95
Unobligated balance		124,066.00	116,319.94
Reserve		500.00	8,246.06
Total	130,000.00	124,566.00	124,566.00

To enable the Secretary of Agriculture to establish and maintain agricultural experiment stations in Alaska, Hawaii, Porto Rico, the island of Guam, and the Virgin Islands of the United States, including the erection of buildings, the preparation, illustration, and distribution of reports and bulletins, and all other necessary expenses, [$237,640] *$246,400*, as follows: Alaska, [$76,240] *$85,000;* Hawaii, $54,940; Porto Rico, $56,460; Guam, $25,000; and the Virgin Islands of the United States, $25,000; and the Secretary of Agriculture is authorized to sell such products as are obtained on the land belonging to the agricultural experiment stations in Alaska, Hawaii, Porto Rico, the island of Guam, and the Virgin Islands of the United States, and the amount obtained from the sale thereof shall be covered into the Treasury of the United States as miscellaneous receipts: *Provided*, That of the sum herein appropriated for the experiment station in Hawaii $10,000 may be used in agricultural extension work in Hawaii: *Provided further, That of the sum herein appropriated for the experiment stations in Alaska, $10,000 shall be immediately available only for the erection of buildings (U. S. C., p. 56, secs. 511–512; pp. 111–117, secs. 301–308, 341–348, 361–366, 368–371, 373–382; act Jan. 18, 1927, vol. 44, p. 979)* $246,400.00

In all, salaries and expenses $376,400.00 $362,206.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Office of Experiment Stations—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
ALASKA EXPERIMENT STATIONS			
Field service:			
Salaries and wages—	*Average—*	*Average—*	*Average—*
Salary range, $5,200 to $6,000; average, $5,600—	*No.* *Salary*	*No.* *Salary*	*No.* *Salary*
Senior agronomist	1 $5,200	1.5 $5,400	1.9 $5,400
Salary range, $3,800 to $5,000; average, $4,400—			
Agronomist in charge of station	2 4,200	2 4,200	2 4,200
Salary range, $3,000 to $3,600; average, $3,300—			
Associate animal husbandman	1 3,200	1 3,200	1 3,200
Administrative assistant	1 3,400	1 3,400	1 3,000
Salary range, $2,400 to $3,000; average, $2,700—			
Assistant horticulturist	1 2,800	1 2,800	1 2,000
Assistant in charge of station	1 2,600	1 2,600	1 2,600
Total average number of regular employees	7	7.5	7.9
Total salaries, regular employees	25,600.00	28,400.00	30,767.41
Deduct allowance value of quarters, etc	1,200.00	1,400.00	1,569.44
Cash payment, salaries	24,400.00	27,000.00	29,197.97
Temporary employees at salaries and wages ranging from $2 to $8 per day	20	20	20
Total salaries and wages, temporary employees	28,000.00	28,000.00	28,166.48
Total number of employees	27	27.5	27.9
Total salaries and wages, field service	52,400.00	55,000.00	57,364.45
Deduct expenditures for personal services included in objects named below	6,000.00	5,500.00	5,582.84
01 Net salaries and wages, field service	46,400.00	49,500.00	51,781.61
Supplies and materials:			
0200 Stationery and office supplies	350.00	350.00	246.01
0220 Scientific and educational supplies	1,000.00	1,000.00	827.52
0230 Fuel	2,500.00	2,500.00	2,293.43
0250 Forage	800.00	800.00	554.56
0280 Sundry supplies	1,000.00	1,000.00	1,100.77
02 Total supplies and materials	5,650.00	5,650.00	5,016.29
Communication service:			
0500 Telegraph service	100.00	100.00	125.02
0510 Telephone service	300.00	300.00	274.80
0520 Other communication service	25.00	25.00	23.42
05 Total communication service	425.00	425.00	423.24
Travel expenses:			
0615 Transportation	1,000.00	1,000.00	946.05
0616 Subsistence	1,500.00	1,500.00	1,345.53
06 Total travel expenses	2,500.00	2,500.00	2,291.58
Transportation of things (service):			
0700 Freight	2,500.00	2,500.00	2,496.81
0710 Express	50.00	50.00	37.01
0720 Other transportation	10.00	10.00	18.15
07 Total transportation of things (service)	2,560.00	2,560.00	2,551.97
10 Furnishing heat, light, water, and power	300.00	300.00	311.80
11 Rents	300.00	300.00	741.62
Repairs and alterations	4,500.00	3,500.00	3,211.08
Add indirect expenditures deducted from other objects	2,500.00	2,000.00	2,203.64
12 Total repairs and alterations	7,000.00	5,500.00	5,414.72
Equipment (includes livestock):			
3010 Furniture, furnishings, and fixtures	400.00	400.00	195.83
3020 Educational and scientific equipment	100.00	100.00	65.14
3040 Livestock	500.00	500.00	60.50
3050 Other equipment	2,000.00	2,000.00	1,642.48
30 Total equipment	3,000.00	3,000.00	1,953.95
Structural and nonstructural improvements	13,365.00	2,705.00	1,679.42
Add indirect expenditures deducted from other objects	3,500.00	3,500.00	3,379.20
32 Total structural and nonstructural improvements	16,865.00	6,205.00	5,058.62
Unobligated balance		75,940.00	75,545.40
Reserve		300.00	694.60
Total	85,000.00	76,240.00	76,240.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

Salaries and Expenses, Office of Experiment Stations—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927		Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
HAWAII EXPERIMENT STATION								
Field service:	*Average—*		*Average—*		*Average—*			
Salaries and wages—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*		
Salary range, $5,200 to $6,000; average, $5,600—								
Director and senior agronomist	1	$5,400	1	$5,400	1	$5,400		
Salary range, $3,800 to $5,000; average, $4,400—								
Horticulturist	1	4,000	1	4,000	1	4,000		
Salary range, $3,000 to $3,600; average, $3,300—								
Chemist	1	3,600	1	3,600	1	3,200		
Agronomist	1	3,600	1	3,600	1	3,200		
Extension agent	1	3,300	1	3,300	1	3,300		
Boys' and girls' club leader	1	3,000	1	3,000	1	3,000		
Salary range, $1,860 to $2,400; average, $2,111.42—								
Administrative assistant	1	2,100	1	2,100	1	1,980		
Superintendent of demonstration farm	1	1,920	1	1,920	1	1,920		
Assistant agronomist	1	1,860	1	1,860	1	1,860		
Clerk-stenographer	1	1,860	1	1,860	0.9	1,860		
Salary range, $1,140 to $1,500; average, $1,320—								
Aid in chemistry			1	1,440	0.8	1,200		
Plant propagator	1	1,200	1	1,200	1	1,200		
Salary range, $240 to $420; average, $330—								
Collaborator	1	300	1	300	1	300		
Total average number of regular employees	12		13		12.7			
Total salaries, regular employees		32,140.00		33,580.00		32,869.29		
Deduct allowances for quarters, etc		860.00		860.00		834.42		
Cash payment, salaries		31,280.00		32,720.00		32,034.87		
Temporary employees, at $0.50 to $6 per day	22		22		25			
Total salaries and wages, temporary employees		14,000.00		14,000.00		13,496.93		
Total number of employees	34		35		37.7			
Total salaries and wages, field service		45,280.00		46,720.00		45,531.80		
Deduct expenditures for personal services included in objects named below		500.00		300.00		316.33		
01 Net salaries and wages, field service		44,780.00		46,420.00		45,215.47		
Supplies and materials:								
0200 Stationery and office supplies		400.00		400.00		431.01		
0220 Scientific and educational supplies		800.00		500.00		594.97		
0230 Fuel		20.00		20.00		20.75		
0250 Forage		600.00		600.00		612.95		
0280 Sundry supplies		500.00		500.00		548.84		
02 Total supplies and materials		2,320.00		2,020.00		2,208.52		
Communication service:								
0500 Telegraph service		25.00		25.00		13.55		
0510 Telephone service		250.00		250.00		251.05		
0520 Other communication service		75.00		75.00		72.00		
05 Total communication service		350.00		350.00		336.60		
Travel expenses:								
0615 Transportation		1,500.00		1,500.00		1,372.63		
0616 Subsistence		1,000.00		1,000.00		825.25		
06 Total travel expenses		2,500.00		2,500.00		2,197.88		
Transportation of things (service):								
0700 Freight		75.00		75.00		71.95		
0710 Express		10.00		10.00		11.94		
0720 Other transportation		10.00		10.00		6.20		
07 Total transportation of things (service)		95.00		95.00		90.09		
10 Furnishing heat, light, water, and power		500.00		500.00		558.67		
Repairs and alterations		900.00		300.00		1,072.79		
Add indirect expenditures deducted from other objects		300.00		200.00		291.41		
12 Total repairs and alterations		1,200.00		500.00		1,364.20		
Equipment (includes livestock):								
3010 Furniture, furnishings, and fixtures		200.00		100.00		89.46		
3020 Educational and scientific equipment		800.00		500.00		802.29		
3040 Livestock		200.00		200.00		350.00		
3050 Other equipment		800.00		500.00		835.35		
30 Total equipment		2,000.00		1,300.00		2,077.10		
Structural and nonstructural improvements		995.00		655.00		356.49		
Add indirect expenditures deducted from other objects		200.00		100.00		24.92		
32 Total structural and nonstructural improvements		1,195.00		755.00		381.41		
				54,440.00		54,429.84		
Unobligated balance						510.16		
Reserve				500.00				
Total		54,940.00		54,940.00		54,940.00		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Office of Experiment Stations—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
PORTO RICO EXPERIMENT STATION			
Field service:			
Salaries and wages—	*Average—*	*Average—*	*Average—*
Salary range, $5,200 to $6,000; average, $5,600—	*No.* *Salary*	*No.* *Salary*	*No.* *Salary*
Director and senior agronomist	1 $5,400	1 $5,400	1 $5,400
Salary range, $3,800 to $5,000; average, $4,400—			
Horticulturist	1 4,000	1 4,000	1 4,000
Agriculturist	1 4,000	1 4,000	1 4,000
Salary range, $3,000 to $3,600; average, $3,300—			
Parasitologist	1 3,400	1 3,400	0.5 3,100
Plant breeder	1 3,700	1 3,700	1 3,400
Plant pathologist	1 3,700	1 3,700	0.4 3,400
Entomologist	1 3,200	1 3,200	
Salary range, $2,400 to $3,000; average, $2,700—			
Assistant chemist	1 2,600	1 2,600	1 2,400
Salary range, $1,860 to $2,400; average, $2,111.42—			
Principal clerk	1 2,200	1 2,200	1 2,200
Salary range, $1,320 to $1,680; average, $1,500—			
Junior clerk	1 1,440	1 1,440	1 1,440
Salary range, $900 to $1,140; average, $1,020—			
Laboratory aid	1 960	1 960	1 960
Total average number of regular employees	11	11	8.9
Total salaries and wages regular employees	34,600.00	34,600.00	26,817.31
Deduct allowances for quarters, etc	700.00	700.00	530.03
Cash payment, salaries	33,900.00	33,900.00	26,287.28
Temporary employees at salaries and wages ranging from $0.40 to $5 per day	40	40	40
Total salaries and wages, temporary employees	12,000.00	12,000.00	12,331.29
Total number of employees	51	51	48.9
Total salaries and wages, field service	45,900.00	45,900.00	38,618.57
Deduct expenditures for personal services included in objects named below	2,000.00	2,000.00	1,660.75
01 Net salaries and wages, field service	43,900.00	43,900.00	36,957.82
Supplies and materials:			
0200 Stationery and office supplies	300.00	300.00	382.74
0220 Scientific and educational supplies	600.00	600.00	1,306.23
0230 Fuel	100.00	100.00	99.32
0250 Forage	1,000.00	1,000.00	999.64
0280 Sundry supplies	500.00	500.00	834.65
02 Total supplies and materials	2,500.00	2,500.00	3,622.58
Communication service:			
0500 Telegraph service	20.00	20.00	16.47
0510 Telephone service	140.00	140.00	139.70
0520 Other communication service	140.00	140.00	138.63
05 Total communication service	300.00	300.00	294.80
Travel expenses:			
0615 Transportation	200.00	200.00	236.62
0616 Subsistence	150.00	150.00	155.67
06 Total travel expenses	350.00	350.00	392.29
Transportation of things (service):			
0700 Freight	800.00	800.00	805.82
0710 Express	100.00	100.00	90.74
0720 Other transportation	150.00	150.00	152.89
07 Total transportation of things (service)	1,050.00	1,050.00	1,049.45
10 Furnishing heat, light, water, and power	450.00	450.00	468.62
Repairs and alterations	2,000.00	2,000.00	3,514.71
Add indirect expenditures deducted from other objects	1,500.00	1,500.00	1,660.75
12 Total repairs and alterations	3,500.00	3,500.00	5,175.46
13 Special miscellaneous current expenses	150.00	150.00	157.01
Equipment (includes livestock):			
3010 Furniture and fixtures	200.00	200.00	110.22
3020 Educational and scientific equipment	700.00	700.00	897.14
3040 Livestock	100.00	100.00	72.00
3050 Other equipment	500.00	500.00	522.78
30 Total equipment	1,500.00	1,500.00	1,602.14
Structural and nonstructural improvements	2,260.00	1,760.00	2,305.64
Add indirect expenditures deducted from other objects	500.00	500.00	
32 Total structural and nonstructural improvements	2,760.00	2,260.00	2,305.64
Unobligated balance		55,960.00	52,025.81
Reserve		500.00	4,434.19
Total	56,460.00	56,460.00	56,460.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Office of Experiment Stations—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
GUAM EXPERIMENT STATION			
Field service:			
Salaries and wages—	*Average—*	*Average—*	*Average—*
	No. *Salary*	*No.* *Salary*	*No.* *Salary*
Salary range, $3,800 to $5,000; average, $4,400—			
Director and animal husbandman	1 $4,400	1 $4,400	1 $4,200
Salary range, $3,000 to $3,600; average, $3,300—			
Entomologist	1 3,500	1 3,500	1 3,300
Salary range, $2,400 to $3,000; average, $2,700—			
Administrative assistant	1 2,400	1 2,400	1 2,400
Salary range, $1,320 to $1,680; average, $1,500—			
Laboratory aid	2 1,320	2 1,320	2 1,320
Total average number of regular employees	5	5	5
Total salaries, regular employees	12,940.00	12,940.00	12,540.00
Deduct allowance for quarters, etc	200.00	200.00	200.00
Cash payment, salaries	12,740.00	12,740.00	12,340.00
Temporary employees at salaries and wages ranging from $0.50 to $3.50 per day	20	20	20
Total salaries and wages, temporary employees	7,500.00	7,500.00	7,727.13
Total number of employees	25	25	25
Total salaries and wages, field service	20,240.00	20,240.00	20,067.13
Deduct expenditures for personal services included in objects named below	1,500.00	1,500.00	1,496.97
01 Net salaries and wages, field service	18,740.00	18,740.00	18,570.16
Supplies and materials:			
0200 Stationery and office supplies	150.00	150.00	167.43
0220 Scientific and educational supplies	200.00	200.00	217.04
0230 Fuel	125.00	125.00	125.15
0250 Forage	1,500.00	1,500.00	1,533.10
0280 Sundry supplies	250.00	250.00	144.60
02 Total supplies and materials	2,225.00	2,225.00	2,197.32
Communication service:			
0500 Telegraph service	20.00	20.00	1.39
0520 Other communication service	25.00	25.00	20.00
05 Total communication service	45.00	45.00	21.39
Travel expenses:			
0615 Transportation	100.00	100.00	28.70
0616 Subsistence	100.00	100.00	
06 Total travel expenses	200.00	200.00	28.70
Transportation of things (service):			
0700 Freight	250.00	250.00	214.67
0710 Express	20.00	20.00	
0720 Other transportation	20.00	20.00	16.05
07 Total transportation of things (service)	290.00	290.00	230.72
Repairs and alterations	800.00	800.00	1,196.32
Add indirect expenditures deducted from other objects	1,000.00	1,000.00	1,332.21
12 Total repairs and alterations	1,800.00	1,800.00	2,528.53
Equipment (includes livestock):			
3010 Furniture, furnishings, and fixtures	200.00	200.00	165.88
3020 Educational and scientific equipment	100.00	100.00	87.89
3040 Livestock	50.00	50.00	63.29
3050 Other equipment	100.00	100.00	64.44
Add indirect expenditures deducted from other objects			12.76
30 Total equipment	450.00	450.00	394.48
Structural and nonstructural improvements	750.00	750.00	35.00
Add indirect expenditures deducted from other objects	500.00	500.00	152.00
32 Total structural and nonstructural improvements	1,250.00	1,250.00	187.00
		25,000.00	24,158.30
Unobligated balance			1.70
Total	25,000.00	25,000.00	24,160.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Office of Experiment Stations—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	VIRGIN ISLANDS EXPERIMENT STATION			
	Field service:			
	Salaries and wages—	*Average—*	*Average—*	*Average—*
	Salary range, $3,800 to $5,000; average, $4,400—	*No.* *Salary*	*No.* *Salary*	*No.* *Salary*
	Director and animal husbandman	1 $4,400	1 $4,400	1 $4,200
	Salary range, $3,000 to $3,600; average, $3,300—			
	Horticulturist and demonstration agent	1 3,600	1 3,600	1 3,600
	Agronomist	1 3,500	1 3,500	1 3,200
	Horticulturist and market specialist	1 3,200	0.5 3,200	
	Salary range, $1,680 to $2,040; average, $1,860—			
	Clerk-stenographer	1 1,800	1 1,800	1 1,680
	Total average number of regular employees	5	4.5	4
	Total salaries, regular employees	16,500.00	14,900.00	12,680.00
	Deduct allowance for quarters, etc	400.00	400.00	400.03
	Cash payment, salaries	16,100.00	14,500.00	12,279.97
	Temporary employees at salaries and wages ranging from $0.40 to $4 per day	26	26	26
	Total salaries and wages, temporary employees	5,000.00	5,000.00	5,431.88
	Total number of employees	31	30.5	30
	Total salaries and wages, field service	21,100.00	19,500.00	17,711.85
	Deduct expenditures for personal services included in objects named below	1,000.00	1,000.00	964.53
01	Net salaries and wages, field service	20,100.00	18,500.00	16,747.32
	Supplies and materials:			
0200	Stationery and office supplies	100.00	100.00	112.93
0220	Scientific and educational supplies	400.00	400.00	444.55
0230	Fuel	35.00	35.00	33.48
0250	Forage	500.00	500.00	455.48
0280	Sundry supplies	80.00	80.00	69.52
02	Total supplies and materials	1,115.00	1,115.00	1,115.96
	Communication service:			
0500	Telegraph service	20.00	20.00	17.28
0510	Telephone service	50.00	50.00	40.16
0520	Other communication service	75.00	75.00	91.13
05	Total communication service	145.00	145.00	148.57
	Travel expenses:			
0615	Transportation	300.00	300.00	124.47
0616	Subsistence	200.00	200.00	32.47
06	Total travel expenses	500.00	500.00	156.94
	Transportation of things (service):			
0700	Freight	150.00	150.00	177.51
0710	Express	10.00	10.00	.40
0720	Other transportation	25.00	25.00	23.56
07	Total transportation of things (service)	185.00	185.00	201.47
11	Rent	25.00	25.00	20.19
	Repairs and alterations	600.00	1,500.00	1,545.12
	Add indirect expenditures deducted from other objects	500.00	500.00	622.43
12	Total repairs and alterations	1,100.00	2,000.00	2,167.55
13	Special and miscellaneous expenditures	50.00	50.00	35.20
	Equipment (includes livestock):			
3010	Furniture, furnishings, and fixtures	350.00	350.00	355.42
3020	Educational and scientific equipment	50.00	50.00	49.66
3040	Livestock	200.00	200.00	
3050	Other equipment	200.00	200.00	189.38
	Add indirect expenditures deducted from other objects			62.14
30	Total equipment	800.00	800.00	656.60
	Structural and nonstructural improvements	480.00	980.00	81.33
	Add indirect expenditures deducted from other objects	500.00	500.00	279.96
32	Total structural and nonstructural improvements	980.00	1,480.00	361.29
			24,800.00	21,611.09
	Unobligated balance			568.91
	Reserve		200.00	
	Total	25,000.00	25,000.00	22,180.00

Total, Office of Experiment Stations, [$3,722,206] *$4,216,400*, of which amount not to exceed [$117,140] *$122,574* may be expended for personal services in the District of Columbia	$4,216,400.00	$3,722,206.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

EXTENSION SERVICE

Salaries and Expenses, Extension Service—

For necessary expenses for general administrative purposes, including personal services in the District of Columbia (*U. S. C., p. 56, secs. 511–512; pp. 114–115, secs. 341–348; act Jan. 18, 1927, vol. 44, pp. 979–980*)..... $11,540.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Clerical, administrative, and fiscal service—	*Average—*		*Average—*		*Average—*	
Grade 8, $2,700 to $3,300; average, $3,000—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Administrative assistant	1	$3,000	1	$3,000	1	$3,000
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	2	2,100	2	2,100	0.9	2,200
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	1	1,800	1	1,800	1	1,800
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	1	1,620	1	1,620	1	1,590
Total average number of employees	5		5		3.9	
01 Total salaries, departmental service		10,560.00		10,560.00		8,314.97
Supplies and materials:						
0200 Stationery and office supplies		10.00		10.00		10.90
0220 Scientific and educational supplies		5.00		5.00		3.50
0280 Sundry supplies		200.00		200.00		207.02
02 Total supplies and materials		215.00		215.00		221.42
05 Communication service		20.00		20.00		19.06
Travel expense:						
0615 Transportation		450.00		450.00		512.20
0616 Subsistence		250.00		250.00		273.75
0617 Incidental transportation charges						.60
06 Total travel expense		700.00		700.00		786.55
30 Equipment		45.00		45.00		102.50
						9,444.50
Unobligated balance						95.50
Total		11,540.00		11,540.00		9,540.00

For farmers' cooperative demonstration work, including special suggestions of plans and methods for more effective dissemination of the results of the work of the Department of Agriculture and the agricultural experiment stations and of improved methods of agricultural practice, at farmers' institutes and in agricultural instruction, *and including not to exceed $38,640 for such work on Government reclamation projects,* and for the employment of labor in the city of Washington and elsewhere, supplies, and all other necessary expenses, $1,462,640: *Provided,* That the expense of such service shall be defrayed from this appropriation and such cooperative funds as may be voluntarily contributed by State, county, and municipal agencies, associations of farmers, and individual farmers, universities, colleges, boards of trade, chambers of commerce, other local associations of business men, business organizations, and individuals within the State (*U. S. C., p. 56, secs. 511–512; pp. 114–115, secs. 341–348; act Jan. 18, 1927, vol. 44, pp. 979–980*)..... 1,462,640.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
Grade 5, $5,200 to $6,000; average, $5,600—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Senior scientist	8	$5,250	7.5	$5,253	7	$5,226
Grade 4, $3,800 to $5,000; average, $4,400—						
Scientist	20.4	4,156	19.2	4,151	20.6	4,186
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate scientist	4	3,300	4	3,300	4.2	3,250
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant librarian	1	2,400	1	2,400	1	2,400
Subprofessional service—						
Grade 6, $1,860 to $2,400; average, $2,111.42—						
Senior scientific illustrator	2	2,100	2	2,100	2	2,080
Grade 4, $1,500 to $1,860; average, $1,680—						
Assistant scientific illustrator	2	1,560	2	1,560	2	1,560
Junior library assistant	1	1,680	1	1,680	0.7	1,680

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

Salaries and Expenses, Extension Service—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927		Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
	Average— *No.*	*Salary*	*Average—* *No.*	*Salary*	*Average—* *No.*	*Salary*		
Departmental service—Continued.								
Salaries—Continued.								
Subprofessional service—Continued.								
Grade 3, $1,320 to $1,680; average, $1,500—								
Under library assistant					0.3	$1,680		
Grade 2, $1,140 to $1,500; average, $1,320—								
Under scientific helper	1	$1,200	1	$1,200	1	1,170		
Apprentice lithographer, artistic	1	1,200	1	1,200	1	1,200		
Clerical, administrative, and fiscal service—								
Grade 11, $3,800 to $5,000; average, $4,400—								
Administrative officer	1	3,800	1	3,800	1	3,967		
Grade 10, $3,300 to $3,900; average, $3,600—								
Junior administrative officer	1	3,800	1	3,800	0.2	3,800		
Grade 9, $3,000 to $3,600; average, $3,300—								
Senior administrative assistant	3	3,067	3	3,067	2.3	3,163		
Grade 8, $2,700 to $3,300; average, $3,000—								
Administrative assistant	3	3,067	3	3,067	3	3,067		
Associate editor (films)					0.4	3,000		
Grade 7, $2,400 to $3,000; average, $2,700—								
Chief photographer	2	2,700	2	2,700	2	2,700		
Grade 6, $2,100 to $2,700; average, $2,400—								
Principal clerk	4	2,097	3.4	2,132	3.2	2,247		
Principal photographer	1	2,100	1	2,100	1	2,100		
Grade 5, $1,860 to $2,400; average, $2,111.42—								
Senior clerk	8	2,108	8	2,108	9.2	2,060		
Senior clerk-stenographer	1	1,920	1	1,920	1	1,920		
Senior photographer	1	2,300	1	2,300	1	2,300		
Grade 4, $1,680 to $2,040; average, $1,860—								
Clerk	6	1,870	6	1,870	7.2	1,849		
Principal stenographer	1	1,740	1	1,740	1	1,740		
Clerk-stenographer	7	1,834	6.5	1,837	6.7	1,833		
Translator	1	1,860	1	1,860	1	1,860		
Grade 3, $1,500 to $1,860; average, $1,680—								
Assistant clerk	14	1,624	14	1,624	12.2	1,623		
Senior stenographer	11	1,593	10.5	1,597	10	1,609		
Assistant clerk-stenographer	3	1,640	3	1,640	3	1,640		
Assistant photographer	1	1,500	1	1,500	0.1	1,500		
Grade 2, $1,320 to $1,680; average, $1,500—								
Junior clerk	5	1,428	5	1,428	5.7	1,445		
Junior clerk-typist	5	1,476	5	1,476	4.9	1,539		
Junior clerk-stenographer	2	1,440	2	1,440	1.8	1,418		
Junior operator office devices	0.3	1,320	0.3	1,320	0.2	1,320		
Junior photographer	1	1,320	1	1,320	1	1,320		
Grade 1, $1,140 to $1,500; average, $1,320—								
Underclerk	6	1,280	6	1,280	5.7	1,222		
Junior typist	3	1,140	3	1,140	3.1	1,064		
Underoperator office devices	3	1,240	3	1,240	2	1,250		
Underphotographer	3	1,240	3	1,240	3.8	1,239		
Custodial service—								
Grade 3, $1,020 to $1,260; average, $1,140—								
Messenger	2	1,020	1.5	1,020	2.6	1,020		
Senior laborer	2	1,140	2	1,140	2	1,140		
Grade 2, $900 to $1,140, average, $1,020—								
Assistant messenger	3	900	3	900	2.8	854		
Junior laborer	2.5	996	2.5	996	2.2	1,013		
Grade 1, $600 to $780; average, $690—								
Junior messenger	2	600	2	600	1.8	594		
Total average number of employees	149.2		145.4		144.9			
Total salaries, departmental service		339,480.00		328,480.00		328,710.95		
The difference between 1929 and 1928 is due to the necessity of paying additional salaries of regular employees for 1929, carried during 1928 on a special appropriation, $11,000.								
Field service:								
Salaries and wages—								
Salary range, $3,800 to $5,000; average, $4,400—								
Field agent	3	4,066	3	4,066	1.7	4,176		
Salary range, $3,300 to $3,900; average, $3,600—								
Field agent	2	3,500	2	3,500	2	3,500		
Salary range, $3,000 to $3,600; average, $3,300—								
Associate agriculturist	2	3,200	2	3,200	2	3,200		
Salary range, $2,400 to $3,000; average, $2,700—								
Assistant agriculturist					2	2,900		
Salary range, $1,320 to $1,680; average, $1,500—								
Junior clerk					0.3	1,320		
Total average number of employees	7		7		8			
01 Total salaries and wages, field service		25,600.00		25,600.00		26,683.10		
Part time unclassified field agents at salaries ranging from "no compensation" to $3,000 per annum	4,011.7		4,011.5		4,004			
Total salaries, part-time employees		986,610.00		986,270.00		980,791.83		
Total average number of employees	4,018.7		4,018.5		4,012			
01 Total salaries and wages, field service		1,012,210.00		1,011,870.00		1,007,474.93		
The difference between 1929 and 1928 is due to increase in force, $340.								
01 Total personal services		1,351,690.00		1,340,350.00		1,336,185.88		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Extension Service—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Supplies and materials:			
0200	Stationery and office supplies	$25,025.00	$26,025.00	$25,693.71
0210	Medical and hospital supplies	10.00	10.00	3.45
0220	Scientific and educational supplies	4,025.00	5,025.00	4,223.18
0240	Wearing apparel			1.00
0280	Sundry supplies	605.00	605.00	1,022.44
02	Total supplies and materials	29,665.00	31,665.00	30,943.78
04	Subsistence and care of animals	5.00	5.00	3.50
	Communication service:			
0500	Telegraph service	625.00	625.00	518.04
0510	Telephone service	875.00	875.00	853.48
0520	Other communication service	100.00	100.00	.83
05	Total communication service	1,600.00	1,600.00	1,372.35
	Travel expenses:			
0615	Transportation	33,500.00	34,500.00	33,369.30
0616	Subsistence	19,000.00	21,000.00	21,788.78
0617	Other incidental travel expenses	10.00	10.00	3.60
06	Total travel expenses	52,510.00	55,510.00	55,161.68
07	Transportation of things (service)	5,025.00	6,025.00	5,705.76
08	Photographing, photographs, and prints	100.00	100.00	106.47
11	Rent of buildings	360.00	360.00	360.00
12	Repairs and alterations	3,300.00	3,300.00	3,343.64
13	Special and miscellaneous current expenses	250.00	250.00	187.36
	Equipment:			
3010	Furniture, furnishings, and fixtures	3,025.00	3,025.00	3,238.16
3020	Educational and scientific equipment	15,100.00	15,100.00	14,885.87
3050	Other equipment	10.00	10.00	306.20
30	Total equipment	18,135.00	18,135.00	18,430.23
32	Structures, etc.			27.05
			1,457,300.00	1,451,827.70
	Unobligated balance			20,955.30
	Reserve		5,340.00	
	Total	1,462,640.00	1,462,640.00	1,472,783.00

For cooperative agricultural extension work, to be allotted, paid, and expended in the same manner, upon the same terms and conditions, and under the same supervision as the additional appropriations made by the act of May 8, 1914 [(Thirty-eighth Statutes at Large, page 372)], entitled "An act to provide for cooperative agricultural extension work between the agricultural colleges in the several States receiving the benefits of an act of Congress approved July 2, 1862, and of acts supplementary thereto, and the United States Department of Agriculture," $1,300,000; and all sums appropriated by this act for use for demonstration or extension work within any State shall be used and expended in accordance with plans mutually agreed upon by the Secretary of Agriculture and the proper officials of the college in such State which receives the benefits of said act of May 8, 1914: *Provided*, That of the above appropriation not more than $300,000 shall be expended for purposes other than salaries of county agents (*U. S. C., p. 56, secs. 511–512; pp. 114–115, sees. 341–348; act Jan. 18, 1927, vol. 44, pp. 979–980*)..... $1,300,000.00

22 Grants, subsidies, and contributions: Expenditures—1929 appropriation, $1,300,000; 1928 appropriation, $1,300,000; 1927, $1,300,000 (estimated).

[To enable the Secretary of Agriculture to encourage and aid in the agricultural development of the Government reclamation projects; to assist, through demonstrations, advice, and in other ways, settlers on the projects; and for the employment of persons and means necessary in the city of Washington and elsewhere, $38,640.]

To enable the Secretary of Agriculture to make suitable agricultural exhibits at State, interstate, and international fairs held within the United States; for the purchase of necessary supplies and equipment; for telephone and telegraph service, freight and express charges; for travel, and for every other expense necessary, including the employment of assistants in or outside the city of Washington, [$108,045] (*U. S. C., p. 56, secs. 511–512; pp. 114, 115, secs. 341–348; act Jan. 18, 1927, vol. 44, pp. 979, 980*)..... 103,300.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Extension Service—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
AGRICULTURAL EXHIBITS AT FAIRS						
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 4, $3,800 to $5,000; average, $4,400— Scientist (chief of section)	1	$4,000	0.9	$4,000	0.7	$4,000
Grade 3, $3,000 to $3,600; average, $3,300— Associate engineer	1	3,200	0.8	3,200	0.5	3,200
Subprofessional service—						
Grade 8, $2,400 to $3,000; average, $2,700— Chief scientific illustrator	2	2,650	1.9	2,650	1.8	2,566
Grade 6, $1,860 to $2,400; average, $2,111.42— Senior scientific illustrator	2	2,000	3.3	1,808	2.2	2,133
Senior engineering draftsman	1	2,000	1	2,000	1	2,000
Grade 5, $1,680 to $2,040; average, $1,860— Scientific illustrator	1	1,740	1	1,740	1.8	1,692
Grade 4, $1,500 to $1,860; average, $1,680— Assistant scientific illustrator	2	1,620	2.5	1,600	2	1,605
Grade 1, $900 to $1,140; average, $1,020— Minor apprentice	1	900	1	900	0.5	900
Clerical, administrative, and fiscal service—						
Grade 11, $3,800 to $5,000; average, $4,400— Administrative officer (chief, office of exhibits, and chief of section)	2	4,200	1.9	4,200	1.4	4,200
Grade 10, $3,300 to $3,900; average, $3,600— Junior administrative officer (specialist in exhibits)	1	3,300	0.5	3,300	1.1	3,600
Grade 9, $3,000 to $3,600; average, $3,300— Senior administrative assistant (exhibits designer, specialist in exhibitions)	1	3,000	1.3	3,000	0.8	3,000
Grade 8, $2,700 to $3,300; average, $3,000— Administrative assistant	1	2,700	0.5	2,700		
Grade 7, $2,400 to $3,000; average, $2,700— Junior administrative assistant (assistant in exhibits)	1	2,400	0.8	2,400	1	2,900
Grade 6, $2,100 to $2,700; average, $2,400— Principal clerk			0.5	2,200	1	2,200
Grade 4, $1,680 to $2,040; average, $1,860— Clerk-stenographer	3	1,960	3	1,960	3	1,960
Grade 3, $1,500 to $1,860; average, $1,680— Assistant clerk	3	1,780	2.9	1,780	2.8	1,710
Grade 2, $1,320 to $1,680; average, $1,500— Junior stenographer	2	1,530	2	1,530	1.3	1,530
Grade 1, $1,140 to $1,500; average, $1,320— Junior typist	0.8	1,140	0.8	1,140	0.4	1,140
Custodial service—						
Grade 2, $900 to $1,140; average, $1,020— Assistant messenger	1	900	1	900	1	900
Grade 1, $600 to $780; average, $690— Junior messenger	1	600	0.9	600	0.5	600
Total average number of employees	27.8		28.5		24.8	
Total salaries, departmental service		60,960.00		60,960.00		54,277.59
Field service:						
Salaries and wages—						
Salary range, $2,100 to $2,700; average, $2,400— Superintendent in charge	1	2,400	1	2,400	1	2,400
Salary range, $1,680 to $2,040; average, $1,860— Carpenter	2	2,010	2	2,010	2	1,980
Salary range, $1,500 to $1,860; average, $1,680— Clerk-stenographer	1	1,740	1	1,740	1	1,680
Foreman of laborers	1	1,740	1	1,740	1	1,740
Salary range, $1,140 to $1,500; average, $1,320— Laborer (chauffeur)	1	1,380	1	1,380	1	1,320
Salary range, $1,020 to $1,260; average, $1,140— Carpenter's helper	1	1,200	1	1,200	0.9	1,200
Salary range, $900 to $1,140; average, $1,020— Unskilled laborer	2	1,110	2	1,110	2	1,080
Total average number of regular employees	9		9		8.9	
Total salaries, regular employees		14,700.00		14,700.00		14,360.00
Temporary employees at salaries ranging from $1,080 to $4,000 per annum	5		5		9	
Total salaries and wages, temporary employees		1,000.00		1,000.00		2,324.46
Total number of employees	14		14		17.9	
Total salaries and wages, field service		15,700.00		15,700.00		16,684.46
Deduct expenditures for personal services included in objects named below		1,000.00		1,000.00		1,602.24
Net salaries and wages, field service		14,700.00		14,700.00		15,082.22
01 Total personal services		75,660.00		75,660.00		69,359.81
Supplies and materials:						
0200 Stationery and office supplies		400.00		400.00		533.54
0203 Drafting and artist supplies		125.00		125.00		119.41
0220 Photograph, mimeograph, and multigraph		500.00		500.00		545.88
0230 Fuel		700.00		700.00		717.73
0280 Sundry supplies		250.00		250.00		287.71
02 Total supplies and materials		1,975.00		1,975.00		2,204.27

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Extension Service—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Communication service:			
0500	Telegraph	$60.00	$60.00	$69.23
0510	Telephone	700.00	700.00	1,009.59
05	Total communication service	760.00	760.00	1,078.82
	Travel expenses:			
0615	Transportation	4,000.00	4,000.00	4,331.61
0616	Subsistence	3,000.00	3,000.00	3,599.95
06	Total travel expenses	7,000.00	7,000.00	7,931.56
	Transportation of things:			
0700	Freight and incidental charges	1,000.00	1,000.00	1,016.21
0710	Express	10.00	10.00	17.38
0730	Local transportation (drayage, trucking, etc.)	1,000.00	1,000.00	1,340.20
07	Total transportation of things	2,010.00	2,010.00	2,373.79
10	Furnishing light, power, and water	250.00	250.00	275.80
	Rents:			
1100	Rent of buildings	4,200.00	4,200.00	3,475.00
1115	Rent of equipment	15.00	15.00	30.00
11	Total rents	4,215.00	4,215.00	3,505.00
12	Repairs and alterations	400.00	400.00	1,392.96
	Equipment:			
3010	Furniture, furnishings, and fixtures	1,500.00	1,500.00	1,676.06
3020	Agricultural educational exhibits (material for)	7,530.00	11,275.00	14,750.11
3050	Miscellaneous	1,000.00	1,000.00	1,258.73
	Add indirect expenditures deducted from other objects	1,000.00	1,000.00	1,602.24
30	Total equipment	11,030.00	14,775.00	19,287.14
			107,045.00	107,409.15
	Unobligated balance			835.85
	Reserve		1,000.00	
	Total	103,300.00	108,045.00	108,245.00
	THIRD WORLD'S POULTRY CONGRESS			
	Departmental service:			
	Salaries—			
	Professional and scientific service—			
	Grade 4, $3,800 to $5,000; average, $4,400—			
	Scientist (chief of section and specialist)		0.2 4,100	
	Grade 3, $3,000 to $3,600; average, $3,300—			
	Associate engineer		0.2 3,200	
	Subprofessional service—			
	Grade 8, $2,400 to $3,000; average, $2,700—			
	Chief scientific illustrator		0.1 2,800	
	Grade 6, $1,860 to $2,400; average, $2,111.42—			
	Senior scientific illustrator		0.2 2,000	
	Grade 5, $1,680 to $2,040; average, $1,860—			
	Scientific illustrator			0.3 1,680
	Clerical, administrative, and fiscal service—			
	Grade 11, $3,800 to $5,000; average, $4,400—			
	Administrative officer (chief of section)		0.1 3,800	
	Grade 9, $3,000 to $3,600; average, $3,300—			
	Senior administrative assistant		0.2 3,000	0.2 3,000
	Grade 7, $2,400 to $3,000; average, $2,700—			
	Junior administrative assistant		0.2 2,400	0.4 2,600
	Grade 3, $1,500 to $1,860; average, $1,680—			
	Assistant clerk		0.1 1,740	
	Grade 1, $1,140 to $1,500; average, $1,320—			
	Clerk-typist		0.1 1,140	
	Custodial service—			
	Grade 1, $600 to $780; average, $690—			
	Junior messenger		0.1 600	
	Total number of employees		1.5	0.9
	Total salaries, departmental service		3,288.00	2,118.99
	Field service:			
	Salaries and wages—			
	Salary range, $1,500 to $1,860; average, $1,680—			
	Foreman of laborers		0.1 1,740.00	
	Total number of employees		0.1	
	Total salaries and wages, field service		145.00	
	Temporary employees at salaries ranging from $3.50 to $6 per diem, when actually employed		0.5	0.8
	Total salaries and wages, temporary employees		523.00	1,024.75
	Total number of employees		0.6	0.8
	Total salaries and wages, field service		668.00	1,024.75
01	Total personal services		3,956.00	3,143.74

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Extension Service—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Supplies and materials:			
0200	Stationery and office supplies			$2.80
0220	Photographs			39.30
0280	Sundry supplies			4.00
02	Total supplies and materials			46.10
05	Communication service (telegraph)			1.25
	Travel expenses:			
0615	Transportation		$935.00	171.53
0616	Subsistence		2,606.00	34.18
06	Total travel expenses		3,541.00	205.71
	Transportation of things:			
0700	Freight and incidental charges		400.00	
0710	Express		50.00	1.24
0730	Local transportation (drayage)		138.00	
07	Total transportation of things		588.00	1.24
11	Rent of buildings			150.00
	Equipment:			
3010	Furniture, furnishings, and fixtures			12.68
3020	Agricultural educational exhibits (material for)		645.00	7,641.38
3050	Miscellaneous			57.90
30	Total equipment		645.00	7,711.96
	Total		8,730.00	11,270.00

In all, salaries and expenses	$2,877,480.00	$2,882,225.00

Cooperative Farm Forestry—

For cooperation with appropriate officials of the various States or with other suitable agencies to assist the owners of farms in establishing, improving, and renewing wood lots, shelter belts, windbreaks, and other valuable forest growth, and in growing and renewing useful timber crops under the provisions of section 5 of the act entitled "An act to provide for the protection of forest lands, for the reforestation of denuded areas, or the extension of national forests, and for other purposes, in order to promote the continuous production of timber on lands chiefly suitable therefor," approved June 7, 1924, $60,000, of which amount not to exceed $3,000 may be expended for personal services in the District of Columbia (*U. S. C., pp. 427, 428, secs. 568–570; act Jan. 18, 1927, vol. 44, p. 1004*) 60,000.00 60,000.00

NOTE.—This item has been transferred from the Miscellaneous section.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Departmental service:			
Salaries—			
Professional and scientific service—	*Average*—	*Average*—	*Average*—
Grade 4, $3,800 to $5,000; average, $4,400—	*No.* *Salary*	*No.* *Salary*	*No.* *Salary*
Scientist	0.6 $4,600	0.6 $4,600	0.6 $4,600
Total average number of employees	0.6	0.6	0.6
Total salaries, departmental service	3,000.00	3,000.00	2,989.98
Field service:			
Salaries and wages—			
Part-time unclassified field agents at salaries ranging from $660 to $2,640 per annum	37	36	31
Total salaries and wages, part-time employees	56,150.00	55,650.00	43,251.66
Total number of employees	37	36	31
Total salaries and wages, field service	56,150.00	55,650.00	43,251.66
The difference between 1929 and 1928 is due to use of reserve of 1928 in field work, $500.			
01 Total personal services	59,150.00	58,650.00	46,241.64
Travel expenses:			
0615 Transportation	500.00	500.00	
0616 Subsistence	350.00	350.00	
06 Total travel expenses	850.00	850.00	
		59,500.00	46,241.64
Unobligated balance			3,758.36
Reserve		500.00	
Total	60,000.00	60,000.00	50,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object		Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Permanent specific appropriation—			
Cooperative Agricultural Extension Work—			
For the purpose of paying the expenses of cooperative agricultural extension work and the necessary printing and distributing of information in connection with same, there is permanently appropriated $480,000 for each year, $10,000 of which is paid annually to each State which has by action of its legislature assented to the provisions of the act. There was also appropriated an additional sum of $600,000 for the fiscal year following that in which the foregoing appropriation first became available, and for each year thereafter for seven years a sum exceeding by $500,000 the sum appropriated for each preceding year, and for each year thereafter there is permanently appropriated the sum of $4,100,000 in addition to the sum of $480,000. The additional sums are allotted annually to each State by the Secretary of Agriculture and paid in the proportion which the rural population of each State bears to the total rural population of all the States as determined by the next preceding Federal census, but no payment out of the additional appropriations can be made in any year to any State until an equal sum has been appropriated for that year by the legislature of such State, or provided by State, county, college, local authority, or individual contributions from within the State, for the maintenance of cooperative agricultural extension work (*U. S. C., p. 114, secs. 342, 343*)		$4, 580, 000. 00	$4, 580, 000. 00
22 Grants, subsidies, and contributions: Expenditures—1929, $4,580,000; 1928, $4,580,000; 1927, $4,580,000 (estimated).			
Total, Extension Service, [$7,522,225] *$7,517,480*, of which amount not to exceed [$403,000] *$414,000* may be expended for personal services in the District of Columbia		7, 517, 480. 00	7, 522, 225. 00
Total, office of the Secretary of Agriculture		14, 061, 280. 00	13, 514, 977. 00
WEATHER BUREAU			
Salaries and Expenses, Weather Bureau—			
For carrying into effect in the District of Columbia and elsewhere in the United States, in the West Indies, in the Panama Canal, the Caribbean Sea, and on adjacent coasts, in the Hawaiian Islands, in Bermuda, and in Alaska, the provisions of an act approved October 1, 1890, so far as they relate to the weather service transferred thereby to the Department of Agriculture, and the amendment thereof contained in section 5 (e) of the air commerce act of 1926, for the employment of professors of meteorology, district forecasters, local forecasters, meteorologists, section directors, observers, apprentices, operators, skilled mechanics, instrument makers, foremen, assistant foremen, proofreaders, compositors, pressmen, lithographers, folders and feeders, repairmen, station agents, messengers, messenger boys, laborers, special observers, displaymen, and other necessary employees; for fuel, gas, electricity, freight and express charges; furniture, stationery, ice, dry goods, twine, mats, oil, paints, glass, lumber, hardware, and washing towels; for advertising; for purchase, subsistence, and care of horses and vehicles, the purchase and repair of harness, for official purposes only; for instruments, shelters, apparatus, storm-warning towers and repairs thereto; for rent of offices; for repair, *alterations*, and improvements to existing buildings and care and preservation of grounds, including the construction of necessary outbuildings and sidewalks on public streets abutting Weather Bureau grounds; and the erection of temporary buildings for living quarters of observers; for official traveling expenses; for telephone rentals, and for telegraphing, telephoning, and cabling reports and messages, rates to be fixed by the Secretary of Agriculture by agreement with the companies performing the service [, including the termination, effective on June 30, 1927, by agreement, of existing contracts with not more than fifteen companies so as to provide uniform rates during the fiscal year 1928 for all companies, and any contracts made as a result of this authority to terminate shall not contain rates in excess of those fixed for similar services in the contract of July 1, 1925, for which an adjustment appropriation of $168,312 was made in the deficiency act, approved March 3, 1926]; for the maintenance and repair of Weather Bureau telegraph, telephone, and cable lines; and for every other expenditure required for the establishment, equipment, and maintenance of meteorological offices and stations and for the issuing of weather forecasts and warnings of storms, cold waves, frosts, and heavy snows, the gauging and measuring of the flow of rivers and the issuing of river forecasts and warnings; for observations and reports relating to crops, and for other necessary observations and reports, including cooperation with other bureaus of the Government and societies and institutions of learning for the dissemination of meteorological information, as follows (*U. S. C., p. 56, secs. 511–512; p. 381, secs. 311–313, 317; act Jan. 18, 1927, vol. 44, pp. 980–981*):			
For necessary expenses for general administrative purposes, including the salary of chief of bureau and other personal services in the District of Columbia (*U. S. C., p. 56, secs. 511, 512; p. 381, secs. 311–313, 317; act Jan. 18, 1927, vol. 44, pp. 980–981*)	$127, 000. 00		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), data of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Weather Bureau—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service.						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 6, $6,000 to $7,500; average, $6,750—						
Chief scientist (chief of bureau)	1	$6,500	1	$6,500	1	$6,500
Grade 5, $5,200 to $6,000; average, $5,600—						
Senior scientist (assistant chief of bureau)	1	5,400	1	5,400	1	5,300
Subprofessional service—						
Grade 7, $2,100 to $2,700; average, $2,400—						
Principal engineering draftsman	1	2,300	1	2,300	1	2,200
Grade 6, $1,860 to $2,400; average, $2,111.42—						
Senior engineering draftsman	1	1,920	1	1,920	1	1,920
Grade 3, $1,320 to $1,680; average, $1,500—						
Gardener	1	1,500	1	1,500	1	1,500
Clerical, administrative, and fiscal service—						
Grade 10, $3,300 to $3,900; average, $3,600—						
Junior administrative officer (chief clerk)	1	3,500	1	3,500	1	3,450
Grade 9, $3,000 to $3,600; average, $3,300—						
Senior administrative assistant (chief of division)	1	3,200	1	3,200	1	3,150
Grade 8, $2,700 to $3,300; average, $3,000—						
Administrative assistant (personnel officer)	1	2,900	1	2,900	1	2,850
Administrative assistant (chief of division)	1	2,900	1	2,900	1	2,850
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant	2	2,550	2	2,550	2	2,507
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	6	2,307	6	2,307	6	2,250
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	2	2,060	2	2,060	2	2,002
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	4	1,715	4	1,715	4.5	1,747
Clerk-stenographer	3	1,820	3	1,820	2.8	1,918
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	7	1,603	7	1,603	7	1,604
Assistant clerk-stenographer	1	1,560	1	1,560	1	1,670
Senior operative	1	1,560	1	1,560	0.5	1,500
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	2	1,410	2	1,410	2	1,423
Junior clerk-stenographer	1	1,320	1	1,320	0.7	1,429
Grade 1, $1,140 to $1,500; average, $1,320—						
Underoperator, office devices	1	1,260	1	1,260	1	1,230
Custodial service—						
Grade 7, $1,680 to $2,040; average, $1,860—						
Senior mechanic	3	1,860	3	1,860	3	1,860
Grade 6, $1,500 to $1,860; average, $1,680—						
Mechanic	6	1,610	6	1,610	6	1,589
Foreman of laborers	1	1,680	1	1,680	1	1,620
Grade 4, $1,140 to $1,500; average, $1,320—						
Assistant foreman of laborers	1	1,380	1	1,380	1	1,320
Undermechanic	3	1,260	3	1,260	3	1,230
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger	3	1,100	3	1,100	2.6	1,095
Senior laborer	2	1,200	2	1,200	2	1,200
Grade 2, $900 to $1,140; average, $1,020—						
Assistant messenger	1	960	1	960	0.9	936
Junior laborer (part time)	4	450	4	450	4	458
Total average number of employees	63		63		62	
01 Total salaries, departmental service		115,780.00		115,780.00		113,759.41
Supplies and materials:						
0200 Stationery and office supplies		950.00		950.00		941.06
0230 Fuel		1,400.00		1,400.00		1,322.30
0280 Sundry supplies		800.00		800.00		800.10
0290 Materials		170.00		170.00		150.00
02 Total supplies and materials		3,320.00		3,320.00		3,213.46
Communication service:						
0500 Telegraph service		600.00		600.00		539.25
0510 Telephone service		830.00		830.00		803.24
0520 Other communication service		230.00		230.00		201.37
05 Total communication service		1,660.00		1,660.00		1,543.86
Travel expenses:						
0615 Transportation		1,100.00		1,100.00		896.55
0616 Subsistence		900.00		900.00		709.39
06 Total travel expenses		2,000.00		2,000.00		1,605.94
07 Transportation of things		150.00		150.00		123.19
10 Furnishing of heat, light, and power		140.00		140.00		107.11
12 Repairs and alterations		2,200.00		2,000.00		1,976.63
Equipment:						
3010 Furniture, furnishings, and fixtures		1,500.00		1,500.00		1,468.52
3050 Other equipment		250.00		250.00		201.40
30 Total equipment		1,750.00		1,750.00		1,669.92
				126,800.00		123,999.52
Unobligated balance						3,000.48
Reserve				200.00		
Total		127,000.00		127,000.00		127,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Salaries and Expenses, Weather Bureau—Continued. For necessary expenses in the city of Washington incident to collecting and disseminating meterological, climatological, and marine information, and for investigations in meteorology, climatology, seismology, evaporation, and aerology, [$319,000] *$329,000*, of which not to exceed $10,000 may be expended for the maintenance of a printing office in the city of Washington for the printing of weather maps, bulletins, circulars, forms, and other publications: *Provided*, That no printing shall be done by the Weather Bureau that can be done at the Government Printing Office without impairing the service of said bureau (*U. S. C., p. 56, secs. 511, 512; p. 381, secs. 311–313, 317; act Jan. 18, 1927, vol. 44, pp. 980–981*)	$329,000.00	

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average*—		*Average*—		*Average*—	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 5, $5,200 to $6,000: average, $5,600—						
Senior scientist (senior district forecaster)	1	$5,400	1	$5,400	1	$5,200
Senior scientist (senior meteorologist)	4	5,250	4	5,250	4	5,250
Grade 4, $3,800 to $5,000; average, $4,400—						
Scientist (district forecaster)	1	4,000	1	4,000	1	4,000
Scientist (meteorologist)	4	4,050	4	4,050	4	3,950
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate scientist (associate meteorologist)	3	3,200	3	3,100	1.9	3,076
Associate librarian (librarian)	1	3,200	1	3,200	1	3,200
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant scientist (assistant meteorologist)	7	2,500	5	2,540	5.9	2,497
Grade 1, $1,860 to $2,400; average, $2,111.42—						
Junior scientist (junior meteorologist)	1	2,100	1	2,100	1.2	2,137
Subprofessional service—						
Grade 8, $2,400 to $3,000; average, $2,700—						
Chief scientific aid	2	2,600	2	2,600	2	2,500
Grade 7, $2,100 to $2,700; average, $2,400—						
Principal laboratory mechanic	1	2,300	1	2,300	1	2,200
Principal scientific aid	3	2,300	3	2,300	3	2,200
Principal lithographer, mechanical	3	2,267	3	2,267	3	2,167
Grade 6, $1,860 to $2,400; average, $2,111.42—						
Senior scientific aid	7	1,997	5	2,024	5	2,002
Senior laboratory mechanic	3	2,000	3	2,000	3	1,947
Senior lithographer, mechanical	10	1,908	10	1,908	9.6	1,911
Senior engineering draftsman	1	2,000	1	2,000	1	1,920
Senior library assistant	1	2,000	1	2,000	1	1,920
Grade 5, $1,680 to $2,040; average, $1,860—						
Scientific aid	8	1,745	8	1,740	7.4	1,787
Laboratory mechanic	2	1,740	2	1,680	0.9	1,763
Library assistant	1	1,860	1	1,800	1	1,800
Grade 4, $1,500 to $1,860; average, $1,680—						
Assistant scientific aid	2	1,680	2	1,620	2	1,560
Assistant lithographer, mechanical	1	1,680	1	1,620	1	1,560
Grade 2, $1,140 to $1,500; average, $1,320—						
Apprentice lithographer, mechanical	3	1,340	3	1,290	3	1,190
Clerical, administrative, and fiscal service—						
Grade 8, $2,700 to $3,300; average, $3,000—						
Administrative assistant (chief of division)	2	2,900	2	2,900	2	2,800
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant	1	2,500	1	2,500	1	2,500
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	5	2,240	5	2,210	5	2,222
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	3	2,000	3	2,000	3	1,973
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	5	1,854	5	1,794	5	1,765
Clerk-stenographer	1	1,920	1	1,920	1	1,890
Head operator, office devices	10	1,725	8	1,725	7.8	1,762
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	6	1,640	6	1,610	5.7	1,597
Assistant clerk-stenographer	2	1,680	2	1,680	2	1,605
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	5	1,488	5	1,428	4.5	1,390
Junior clerk-typist					0.9	1,442
Junior clerk-stenographer	1	1,380	1	1,320	1	1,320
Junior operator, office devices	1	1,500	1	1,500	1	1,440
Custodial service—						
Grade 5, $1,320 to $1,680; average, $1,500—						
Junior mechanic	1	1,500	1	1,440	1	1,440
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger	4	1,065	4	1,035	4	1,027
Senior laborer	3	1,180	3	1,180	3	1,180
Minor mechanic	4	1,215	4	1,215	4	1,208
Grade 2, $900 to $1,140; average, $1,020—						
Junior laborer (full time)	5	1,044	5	1,044	5	1,036
Assistant messenger	3	920	3	920	3	840
Grade 1, $600 to $780; average, $690—						
Junior messenger	2	630	2	630	2	638
Total average number of employees	134		128		125.8	
01 Total salaries, departmental service	[1] 274,340.00		[1] 260,120.00		[2] 252,235.07	
The difference between 1929 and 1928 is due to—						
Increase in force	$11,880					
Increase in salaries	2,340					
Total increase	14,220					

[1] Includes $1,860 required for employment of temporary assignments for short intervals of time during the fiscal year.

[2] Includes $1,589.17 expended for employment of temporary assignments for short intervals of time during the fiscal year ending June 30, 1927.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Weather Bureau—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Supplies and materials:			
0200	Stationery and office supplies	$7,800.00	$8,600.00	$8,206.99
0220	Scientific and educational supplies	300.00	300.00	269.48
0230	Fuel	1,200.00	1,200.00	1,038.36
0280	Sundry supplies	1,855.00	2,150.00	1,875.68
0290	Materials	950.00	950.00	824.79
02	Total supplies and materials	12,105.00	13,200.00	12,215.30
	Communication service:			
0500	Telegraph service	34,425.00	35,800.00	33,578.69
0510	Telephone service	600.00	600.00	511.43
0520	Other communication service	450.00	450.00	381.14
05	Total communication service	35,475.00	36,850.00	34,471.26
	Travel expenses:			
0615	Transportation	1,250.00	1,650.00	1,002.32
0616	Subsistence	1,100.00	1,350.00	856.59
06	Total travel expenses	2,350.00	3,000.00	1,858.91
07	Transportation of things	450.00	450.00	379.44
08	Photographing, photographs, and prints	400.00	400.00	357.35
10	Furnishing of heat, light, and power	120.00	120.00	120.44
1110	Other rents	250.00	250.00	152.43
12	Repairs and alterations	1,200.00	1,600.00	1,249.45
13	Special and miscellaneous current expenses	60.00	60.00	35.13
	Equipment:			
3010	Furniture, furnishings, and fixtures	650.00	850.00	669.52
3020	Educational and scientific equipment	1,100.00	1,100.00	878.28
3050	Other equipment	500.00	500.00	400.05
30	Total equipment	2,250.00	2,450.00	1,947.85
	Unobligated balance		318,500.00	305,022.63
	Reserve		500.00	13,977.37
	Total	329,000.00	319,000.00	319,000.00

For necessary expenses outside of the city of Washington incident to collecting and disseminating meteorological, climatological, and marine information, and for investigations in meteorology, climatology, seismology, evaporation, and aerology, [$1,927,073] (*U. S. C., p. 56, secs. 511, 512; p. 381, secs. 311–313, 317; act Jan. 18, 1927, vol. 44, pp. 980, 981*) $1,955,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $5,200 to $6,000; average, $5,600—						
Senior meteorologist	5	$5,400	5	$5,400	5	$5,269
Salary range, $3,800 to $5,000; average, $4,400—						
Meteorologist	23	[1] 3,913	23	[1] 3,913	21.5	[1] 3,902
Salary range, $3,000 to $3,600; average, $3,300—						
Associate meteorologist	41	3,139	41	3,095	43.8	3,086
Salary range, $2,400 to $3,000; average, $2,700—						
Assistant meteorologist	103	2,460	103	2,459	101.4	2,438
Salary range, $1,860 to $2,400; average, $2,111.42—						
Junior meteorologist	111	2,003	107	2,008	108	1,994
Senior observer	15	1,977	15	1,969	14.6	1,948
Printer	1	2,000	1	2,000	1	1,920
Salary range, $1,680 to $2,040; average, $1,860—						
Observer	46	1,749	44	1,754	42.7	1,731
Printer	24	1,775	24	1,774	23.3	1,791
Repairman	1	1,800	1	1,800	1	1,740
Salary range, $1,500 to $1,860; average, $1,680—						
Assistant observer	44	1,579	44	1,579	42.6	1,567
Repairman	5	1,608	5	1,608	5.5	1,586
Salary range, $1,320 to $1,680; average, $1,500—						
Junior observer	62	1,431	60	1,401	57	1,410
Repairman	2	1,380	2	1,380	1.9	1,366
Fireman	1	1,320	1	1,320	1	1,320
Salary range, $1,140 to $1,500; average, $1,320—						
Underobserver	19	1,200	19	1,200	17	1,193
Telephone operator	1	1,200	1	1,200	0.8	1,183

[1] Includes $2,000 contributed to salary of one man by State of Iowa, which amount is not included in column totals.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Weather Bureau—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Field service—Continued.				
Salaries and wages—Continued.		*Average—*	*Average—*	*Average—*
Salary range, $900 to $1,260; average, $1,080—		*No.* *Salary*	*No.* *Salary*	*No.* *Salary*
Minor observer		124 $963	124 $963	121 $991
Unskilled laborer		3 980	3 980	3 970
Laborer (telegraph lineman)		1 1,200	1 1,200	1 1,140
Salary range, $600 to $780; average, $690—				
Unskilled laborer		1 600	1 600	
Total average number of employees		633	625	613.1
Total salaries, field service		1,194,400.00	1,176,920.00	1,158,668.69
Deduct allowances for subsistence, lodging, etc		14,700.00	14,700.00	14,484.30
Cash payment, salaries		1,179,700.00	1,162,220.00	1,144,184.39
For employment of special observers at rates of pay ranging from $1 to $40 per month		1,920	1,920	1,905
Total wages, special observers		118,200.00	118,200.00	118,066.50
The difference between 1929 and 1928 is due to—				
Increase in force	$13,440			
Increase in salaries	4,040			
Total increase	17,480			
01 Total personal services		1,297,900.00	1,280,420.00	1,262,250.89
Supplies and materials:				
0200 Stationery and office supplies		31,700.00	31,500.00	31,795.21
0220 Scientific and educational supplies		900.00	900.00	955.07
0230 Fuel		9,250.00	9,250.00	9,253.43
0280 Sundry supplies		9,655.00	9,600.00	9,776.01
02 Total supplies and materials		51,505.00	51,250.00	51,779.72
Communication service:				
0500 Telegraph service		341,125.00	334,900.00	343,681.89
0510 Telephone service		23,900.00	23,900.00	23,982.42
0520 Other communication service		2,500.00	2,500.00	2,583.21
05 Total communication service		367,525.00	361,300.00	370,247.52
Travel expenses:				
0615 Transportation		10,750.00	10,750.00	9,715.46
0616 Subsistence		9,250.00	9,250.00	8,343.92
06 Total travel expenses		20,000.00	20,000.00	18,059.38
07 Transportation of things		18,400.00	18,400.00	18,406.71
08 Photographs and prints				35.75
10 Furnishing of heat, light, and power		8,650.00	8,650.00	8,628.38
Rents:				
1100 Rents of buildings and structures		109,607.00	106,397.00	105,063.00
1110 Other rents		1,100.00	1,100.00	1,107.87
11 Total rents		110,797.00	107,497.00	106,170.87
12 Repairs and alterations		39,700.00	38,000.00	38,284.04
13 Special and miscellaneous current expenses		4,500.00	4,500.00	4,799.60
Equipment:				
3010 Furniture, furnishings, and fixtures		8,600.00	7,400.00	8,176.07
3020 Educational and scientific equipment		22,767.00	19,200.00	20,284.27
3050 Other equipment		4,500.00	4,200.00	4,499.04
30 Total equipment		35,867.00	30,800.00	32,959.38
32 Structures and nonstructural improvements		156.00	156.00	38,195.70
			1,920,973.00	1,949,817.94
Unobligated balance				19,112.06
Reserve			6,100.00	
Total		1,955,000.00	1,927,073.00	1,968,930.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Weather Bureau—Continued.

For investigations, observations, and reports, forecasts, warnings, and advices for the protection of horticultural interests, [$31,500] (*U. S. C., p. 56, secs. 511, 512; p. 381, secs. 311–313, 317; act Jan. 18, 1927, vol. 44, pp. 980, 981*) $27,500.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $3,800 to $5,000; average, $4,400—						
Meteorologist	1	$3,800	1	$3,800	1	$3,800
Salary range, $2,400 to $3,000; average, $2,700—						
Assistant meteorologist	3	2,527	3	2,540	4	2,545
Salary range, $1,860 to $2,400; average, $2,111.42—						
Junior meteorologist	1	1,860	2	1,930	0.8	1,937
Salary range, $1,680 to $2,040; average, $1,860—						
Observer	1.5	1,680	1.5	1,680	1.3	1,714
Total average number of employees	6.5		7.5		7.1	
Total salaries and wages, field service		15,760.00		17,800.00		17,758.51
The difference between 1929 and 1928 is due to decrease in force, $2,040.						
Supplies and materials:						
0200 Stationery and office supplies		50.00		50.00		37.46
0220 Scientific and educational supplies		20.00		20.00		13.59
0280 Sundry supplies		40.00		40.00		29.78
02 Total supplies and materials		110.00		110.00		80.83
Communication service:						
0500 Telegraph service		6,440.00		7,500.00		6,834.97
0510 Telephone service		450.00		450.00		310.00
0520 Other communication service		10.00		10.00		8.08
05 Total communication service		6,900.00		7,960.00		7,153.05
Travel expenses:						
0615 Transportation		1,750.00		2,150.00		1,193.08
0616 Subsistence		1,650.00		1,850.00		1,017.82
06 Total travel expenses		3,400.00		4,000.00		2,210.90
07 Transportation of things		400.00		400.00		319.82
08 Photographs and prints						3.34
12 Repairs and alterations		130.00		130.00		66.53
13 Special and miscellaneous current expenses						1.75
Equipment:						
3010 Furniture, furnishings, and fixtures		50.00		50.00		
3020 Educational and scientific equipment		700.00		700.00		646.55
3050 Other equipment		50.00		50.00		10.30
30 Total equipment		800.00		800.00		656.85
				31,200.00		28,251.58
Unobligated balance						3,248.42
Reserve				300.00		
Total		27,500.00		31,500.00		31,500.00

For the maintenance of stations, for observing, measuring, and investigating atmospheric phenomena, including salaries and other expenses in the city of Washington and elsewhere, [$241,500] (*U. S. C., p. 56, secs. 511, 512; p. 381, secs. 311–313, 317; act Jan. 18, 1927, vol. 44, pp. 980, 981*) 266,500.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 4, $3,800 to $5,000; average, $4,400—						
Scientist (meteorologist)	1	$4,200	1	$4,200	1	$4,000
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant scientist (assistant meteorologist)	2	2,500	2	2,500	1.9	2,460
Subprofessional service—						
Grade 7, $2,100 to $2,700; average, $2,400—						
Principal scientific aid					0.1	2,100
Grade 6, $1,860 to $2,400; average, $2,111.42—						
Senior scientific aid	2	1,960	1	2,000	1	1,920
Senior engineering draftsman	1	2,000	1	2,000	1	1,920
Senior laboratory mechanic	1	1,860	1	1,860	0.7	2,000
Grade 5, $1,680 to $2,040; average, $1,860—						
Scientific aid	4	1,725	4	1,725	2.9	1,685
Grade 4, $1,500 to $1,860; average, $1,680—						
Assistant scientific aid	3	1,540	3	1,540	3.3	1,502
Clerical, administrative, and fiscal service—						
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	1	1,860	1	1,860	1	1,830
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	4	1,665	4	1,665	4	1,591
Total average number of employees	19		18		16.9	
Total salaries, departmental service		37,020.00		35,100.00		32,161.26
The difference between 1929 and 1928 is due to increase in force, $1,720.						

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Weather Bureau—Continued.

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
		Average—		*Average*—		*Average*—	
		No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Field service:						
	Salaries and wages—						
	Salary range, $3,000 to $3,600; average, $3,300—						
	Associate meteorologist	1	$3,000	1	$3,000	1	$3,000
	Salary range, $2,400 to $3,000; average, $2,700—						
	Assistant meteorologist	7	2,471	7	2,471	5.9	2,418
	Salary range, $1,860 to $2,400; average, $2,111.42—						
	Junior meteorologist	8	1,899	5	1,920	7.9	1,892
	Senior observer	3	1,879	3	1,879	1.6	1,916
	Salary range, $1,680 to $2,040; average, $1,860—						
	Observer	20	1,758	20	1,758	9.4	1,769
	Skilled mechanic (carpenter)	1	1,680	1	1,680	1	1,680
	Salary range, $1,500 to $1,860; average, $1,680—						
	Assistant observer	20	1,611	17	1,610	14	1,549
	Salary range, $1,320 to $1,680; average, $1,500—						
	Junior observer	16	1,436	16	1,436	12.6	1,328
	Salary range, $1,140 to $1,500; average, $1,320—						
	Underobserver	2	1,140	2	1,140	0.5	1,140
	Unskilled laborer	5	1,140	5	1,140	5	1,140
	Salary range, $900 to $1,260; average, $1,080—						
	Minor observer	5	900	5	900	1.5	1,051
	Unskilled laborer	5	936	5	936	3	946
	Total average number of employees	93		87		63.4	
	Total salaries and wages, field service		150,320.00		139,880.00		102,689.09
	Deduct allowances for subsistence, lodging, etc		120.00		120.00		120.00
	Cash payment, salaries and wages		150,200.00		139,760.00		102,569.09
	For employment of special observers at ground stations at rates of pay ranging from $15 to $25 per month	42	7,700.00	18	2,900.00	7	911.20
	The difference between 1929 and 1928 is due to—						
	Increase in force	$10,440					
	Increase in wages	4,800					
	Total increase	15,240					
01	Total personal services		194,920.00		177,760.00		135,641.55
	Supplies and materials:						
0020	Stationery and office supplies		300.00		200.00		156.14
0220	Scientific and educational supplies		26,550.00		25,350.00		14,467.54
0230	Fuel		580.00		580.00		301.40
0280	Sundry supplies		800.00		600.00		430.69
0290	Materials		210.00		210.00		179.68
02	Total supplies and materials		28,440.00		26,940.00		15,535.45
	Communication service:						
0500	Telegraph service		26,250.00		18,590.00		2,358.58
0510	Telephone service		14,950.00		10,675.00		1,719.80
0520	Other communication service		30.00		30.00		27.59
05	Total communication service		41,230.00		29,295.00		4,105.97
	Travel expenses:						
0615	Transportation		3,850.00		3,250.00		2,365.10
0616	Subsistence		3,150.00		2,750.00		2,047.74
06	Total travel expenses		7,000.00		6,000.00		4,412.84
07	Transportation of things		3,300.00		3,300.00		2,527.48
09	Advertising for bids		30.00		30.00		66.30
10	Furnishing of heat, light, and power		780.00		780.00		710.03
	Rents:						
1110	Rents of buildings and structures		4,180.00		4,180.00		4,094.05
1110	Other rents						3.50
11	Total rents		4,180.00		4,180.00		4,097.55
12	Repairs and alterations		3,000.00		2,200.00		1,926.91
13	Special and miscellaneous current expenses		370.00		230.00		138.05
	Equipment:						
3010	Furniture, furnishings, and fixtures		300.00		200.00		162.85
3020	Educational and scientific equipment		12,450.00		9,850.00		20,764.53
3050	Other equipment		1,200.00		900.00		1,010.86
30	Total equipment		13,950.00		10,950.00		21,938.24
			297,200.00		261,665.00		191,100.37
	Deduct transfer of funds from Department of Commerce		30,700.00		21,065.00		
					240,600.00		191,100.37
	Unobligated balance						6,549.63
	Reserve				900.00		
	Total		266,500.00		241,500.00		197,650.00

Total, Weather Bureau, [$2,646,073] *$2,705,000*, of which amount not to exceed [$411,000] *$427,000* may be expended for personal services in the District of Columbia	$2,705,000.00	$2,646,073.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
BUREAU OF ANIMAL INDUSTRY		
Salaries and Expenses, Bureau of Animal Industry—		
For carrying out the provisions of the act approved May 29, 1884, establishing a Bureau of Animal Industry, and the provisions of the act approved March 3, 1891, providing for the safe transport and humane treatment of export cattle from the United States to foreign countries, and for other purposes; the act approved August 30, 1890, providing for the importation of animals into the United States, and for other purposes; and the provisions of the act of May 9, 1902, extending the inspection of meats to process butter, and providing for the inspection of factories, marking of packages, and so forth; and the provisions of the act approved February 2, 1903, to enable the Secretary of Agriculture to more effectually suppress and prevent the spread of contagious and infectious diseases of livestock, and for other purposes; and also the provisions of the act approved March 3, 1905, to enable the Secretary of Agriculture to establish and maintain quarantine districts to permit and regulate the movement of cattle and other livestock therefrom, and for other purposes; and for carrying out the provisions of the act of June 29, 1906, entitled "An act to prevent cruelty to animals while in transit by railroad or other means of transportation"; and for carrying out the provisions of the act approved March 4, 1913, regulating the preparation, sale, barter, exchange, or shipment of any virus, serum, toxin, or analogous products, manufactured in the United States and the importation of such products intended for use in the treatment of domestic animals; *and for carrying out the provisions of the packers and stockyards act, approved August 15, 1921;* and to enable the Secretary of Agriculture to collect and disseminate information concerning livestock, dairy, and other animal products; to prepare and disseminate reports on animal industry; to employ and pay from the appropriation herein made as many persons in the city of Washington or elsewhere as he may deem necessary; to purchase in the open market samples of all tuberculin, serums, antitoxins, or analogous products, of foreign or domestic manufacture, which are sold in the United States, for the detection, prevention, treatment, or cure of diseases of domestic animals, to test the same, and to disseminate the results of said tests in such manner as he may deem best; to purchase and destroy diseased or exposed animals, including poultry, or quarantine the same whenever in his judgment essential to prevent the spread of pleuropneumonia, tuberculosis, contagious poultry diseases, or other diseases of animals from one State to another, as follows (*U. S. C., p. 56, secs. 511–512; pp. 102–107, secs. 181–229; p. 117, sec. 391; pp. 624–625, sec. 25; pp. 627–634, secs. 71–95, 101–105, 111–115, 117–127, 130, 151–158; p. 1444, secs. 71–76; act Jan. 18, 1927, vol. 44, pp. 981–984, 1002*):		
For necessary expenses for general administrative purposes, including the salary of chief of bureau and other personal services in the District of Columbia (*U. S. C., p. 56, secs. 511, 512; p. 117, sec. 391; pp. 624, 625, sec. 25; pp. 627–634, secs. 71–95, 101–105, 111–115, 117–127, 130, 151–158; p. 1444, secs. 71–76; act Jan. 18, 1927, vol. 44, pp. 981–984*)	$161,315.00	

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average*—		*Average*—		*Average*—	
Grade 7, $7,500 and over—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Chief of bureau	1	$7,500	1	$7,500	0.3	$7,500
Grade 6, $6,000 to $7,500; average, $6,750—						
Chief of bureau					0.7	6,500
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant librarian	1	2,600	1	2,600	1	2,600
Subprofessional service—						
Grade 5, $1,680 to $2,040; average $1,860—						
Library assistant	1	1,800	1	1,800	1	1,800
Grade 4, $1,500 to $1,860; average, $1,680—						
Assistant laboratory machinist	2	1,740	2	1,740	2	1,740
Clerical, administrative, and fiscal service—						
Grade 11, $3,800 to $5,000; average, $4,400—						
Administrative officer	1	4,200	1	4,200	1	4,200
Grade 10, $3,300 to $3,900; average, $3,600—						
Junior administrative officer	1	3,600	1	3,600	1	3,600
Grade 9, $3,000 to $3,600; average, $3,300—						
Chief clerk	1	3,300	1	3,300	1	3,250
Editor	1	3,600	1	3,600		
Grade 8, $2,700 to $3,300; average, $3,000—						
Administrative assistant	2	3,000	2	3,000	2	2,950
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant	4	2,638	4	2,638	4	2,613
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	5	2,380	5	2,380	4.8	2,350
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	2	2,200	2	2,200	2.9	2,115

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Bureau of Animal Industry—Continued.

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
		Average—		*Average*—		*Average*—	
		No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Departmental service—Continued.						
	Salaries—Continued.						
	Grade 4, $1,680 to $2,040; average, $1,860—						
	Clerk	14	$1,872	14	$1,872	15	$1,888
	Grade 3, $1,500 to $1,860; average, $1,680—						
	Assistant clerk	16	1,642	16	1,642	18.1	1,628
	Grade 2, $1,320 to $1,680; average, $1,500—						
	Junior clerk	8	1,455	8	1,455	8.2	1,424
	Grade 1, $1,140 to $1,500; average, $1,320—						
	Underclerk	1	1,380	1	1,380	1	1,380
	Custodial service—						
	Grade 6, $1,500 to $1,860; average, $1,680—						
	General foreman of laborers	1	1,680	1	1,680	1	1,650
	Grade 4, $1,140 to $1,500; average, $1,320—						
	Head messenger	1	1,500	1	1,500	1	1,500
	Grade 3, $1,020 to $1,260; average, $1,140—						
	Messenger	2	1,110	2	1,110	2.3	1,097
	Senior laborer	1	1,020	1	1,020	1	1,020
	Grade 2, $900 to $1,140; average, $1,020—						
	Assistant messenger	1	900	1	900	1.1	900
	Junior office laborer	9	973	9	973	9	973
	Junior office laborer, part time, at 40 cents per hour	2	350	2	350	2.4	350
	Grade 1, $600 to $780; average, $690—						
	Junior messenger	7	643	7	643	6.6	634
	Total average number of employees	85		85		88.4	
01	Total salaries, departmental service		149,990.00		149,990.00		147,857.97
	Supplies and materials:						
0200	Stationery and office supplies		900.00		775.00		921.38
0280	Sundry supplies		750.00		675.00		763.32
02	Total supplies and materials		1,650.00		1,450.00		1,684.70
	Communication service:						
0500	Telegraph service		20.00		20.00		23.08
0510	Telephone service		2,475.00		2,450.00		2,484.18
0520	Other communication service		20.00		20.00		24.87
05	Total communication service		2,515.00		2,490.00		2,532.13
	Travel expenses:						
0615	Transportation		520.00		500.00		513.05
0616	Subsistence		375.00		350.00		381.90
06	Total travel expenses		895.00		850.00		894.95
07	Transportation of things (service)		125.00		100.00		127.25
11	Other rents		2,100.00		2,100.00		726.00
12	Repairs and alterations		3,465.00		3,450.00		3,710.81
13	Special and miscellaneous current expenses		50.00		25.00		111.14
	Equipment:						
3010	Furniture, furnishings, and fixtures		450.00		360.00		588.43
3050	Other equipment		75.00		50.00		77.48
30	Total equipment		525.00		410.00		665.91
					160,865.00		158,310.86
	Unobligated balance						4,698.14
	Reserve				450.00		
	Total		161,315.00		161,315.00		163,009.00

For inspection and quarantine work, including all necessary expenses for the eradication of scabies in sheep and cattle, the inspection of southern cattle, the supervision of the transportation of livestock, and the inspection of vessels, the execution of the twenty-eight hour law, the inspection and quarantine of imported animals, including the establishment and maintenance of quarantine stations and repairs, alterations, improvements, or additions to buildings thereon; the inspection work relative to the existence of contagious diseases, and the mallein testing of animals, [$689,935] *(U. S. C., p. 56, secs. 511, 512; p. 117, sec. 391; pp. 624, 625, sec. 25; pp. 627–634, secs. 71–95, 101–105, 111–115, 117–127, 130, 151–158; p. 1444, secs. 71–76; act Jan. 18, 1927, vol. 44, pp. 981–984)* $730,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Bureau of Animal Industry—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 5, $5,200 to $6,000; average, $5,600—						
Senior veterinarian	1	$5,200	1	$5,200	1	$5,200
Grade 4, $3,800 to $5,000; average, $4,400—						
Veterinarian	1	4,200	1	4,200	1	4,200
Biochemist	1	4,200	1	4,200	1	4,200
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate veterinarian	2	3,100	2	3,100	2.8	3,044
Subprofessional service—						
Grade 2, $1,140 to $1,500; average, $1,320—						
Under scientific helper	1	1,140	1	1,140	1	1,140
Grade 1, $900 to $1,260; average, $1,080—						
Minor scientific helper	2	930	2	930	2	930
Clerical, administrative, and fiscal service—						
Grade 9, $3,000 to $3,600; average, $3,300—						
Transportation investigator	1	3,000	1	3,000	1	3,000
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	1	1,680	1	1,680	1	1,680
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	4	1,620	4	1,620	4.4	1,581
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	2	1,380	2	1,380	2.1	1,367
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk					4	1,380
Custodial service—						
Grade 1, $600 to $780; average, $690					2	600
Total average number of employees	16		16		17.9	
Total salaries, departmental service		36,720.00		36,720.00		40,302.30
Field service:						
Salaries and wages—						
Salary range, $3,800 to $5,000; average, $4,400—						
Veterinarian	3.4	3,946	3.4	3,888	3.4	3,829
Salary range, $3,000 to $3,600; average, $3,300—						
Associate veterinarian	7.1	3,233	7.1	3,135	7.1	3,128
Associate bacteriologist	0.6	3,100	0.6	3,100	0.6	3,100
Salary range, $2,400 to $3,000; average, $2,700—						
Assistant veterinarian	96	2,598	87	2,459	80.5	2,452
Chief scientific assistant	1	2,800	1	2,800	1	2,600
Principal lay inspector	0.3	2,500	0.3	2,500	0.3	2,500
Principal scientific assistant	1	2,400	1	2,400	1	2,400
Salary range, $1,860 to $2,400; average, $2,111.42—						
Junior veterinarian	13	2,136	10	2,119	7.6	2,094
Senior lay inspector	80	1,888	80	1,888	78.4	1,884
Principal scientific aid	1	2,100	1	2,100	1	2,100
Senior scientific aid	2	1,920	2	1,920	2	1,920
Principal clerk	0.1	2,300	0.1	2,300	0.1	2,300
Salary range, $1,680 to $2,040; average, $1,860—						
Clerk	5.7	1,775	5.7	1,775	5.7	1,754
Lay inspector	11.1	1,628	11.1	1,628	11.1	1,599
Salary range, $1,500 to $1,860; average, $1,680—						
Assistant clerk	3.9	1,661	3.9	1,661	3.9	1,631
Salary range, $1,320 to $1,680; average, $1,500—						
Junior clerk	7.6	1,462	7.6	1,462	7.6	1,446
Salary range, $1,140 to $1,500; average, $1,320—						
Under scientific helper	0.6	1,200	0.6	1,200	0.6	1,200
Underclerk	1	1,260	1	1,260	1	1,260
Total average number of regular employees	235.4		223.4		212.6	
Total salaries, regular employees		560,300.00		521,335.00		499,766.41
Temporary employees with salaries ranging from $1,148 to $1,680 per annum	10		10		9.4	
Total salaries and wages, temporary employees		13,600.00		13,600.00		13,602.77
Total number of employees	245.4		233.4		222	
Total salaries and wages, field service		573,900.00		534,935.00		513,369.18
Deduct allowance value of quarters, subsistence, etc., furnished		1,500.00		1,500.00		1,180.00
Cash payment, salaries and wages, field service		572,400.00		533,435.00		512,189.18
The difference between 1929 and 1928 is due to—						
Increase in force	$28,085					
Increase in salaries	10,880					
Total increase	38,965					
01 Total personal services		609,120.00		570,155.00		552,491.48
Supplies and materials:						
0200 Stationery and office supplies		725.00		550.00		524.97
0220 Scientific and educational supplies		2,150.00		2,150.00		2,100.04
0230 Fuel		1,175.00		1,175.00		1,123.93
0250 Forage and other supplies for animals		300.00		300.00		299.27
0280 Sundry supplies		1,225.00		1,000.00		937.62
0290 Materials		50.00		50.00		13.20
02 Total supplies and materials		5,625.00		5,225.00		4,972.03
04 Subsistence and care of animals and storage and care of vehicles		1,450.00		1,450.00		1,208.22
Communication service:						
0500 Telegraph service		250.00		250.00		234.65
0510 Telephone service		2,750.00		2,700.00		2,652.54
0520 Other communication service		90.00		90.00		87.42
05 Total communication service		3,090.00		3,040.00		2,974.61

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Bureau of Animal Industry—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Travel expenses:			
0615	Transportation	$53,215.00	$49,865.00	$43,804.50
0616	Subsistence	34,285.00	30,275.00	28,894.91
06	Total travel expenses	87,500.00	80,140.00	72,699.41
07	Transportation of things (service)	1,200.00	1,200.00	1,170.31
09	Advertising	50.00	50.00	29.25
10	Furnishing of heat, light, and power	925.00	925.00	881.37
11	Rent of buildings and structures	5,700.00	5,700.00	5,685.81
12	Repairs and alterations	8,600.00	8,600.00	8,566.93
13	Special and miscellaneous current expenses	500.00	500.00	193.66
	Equipment:			
3000	Passenger-carrying vehicles	3,090.00	1,800.00	5,858.91
3010	Furniture, furnishings, and fixtures	1,000.00	1,000.00	344.12
3020	Educational, scientific, and recreational equipment	300.00	300.00	158.52
3040	Livestock for experimental purposes	100.00	100.00	60.60
3050	Other equipment	1,750.00	1,750.00	1,782.59
30	Total equipment	6,240.00	4,950.00	8,204.74
			681,935.00	659,077.82
	Unobligated balance			20,356.18
	Reserve		8,000.00	
	Total	730,000.00	689,935.00	679,434.00

For investigating the diseases of tuberculosis and paratuberculosis of animals for their control and eradication, for the tuberculin testing of animals, and for researches concerning the causes of the diseases, their modes of spread, and methods of treatment and prevention, including demonstrations, the formation of organizations, and such other means as may be necessary, either independently or in cooperation with farmers, associations, or State, Territory, or county authorities, [$5,964,000] *$5,728,610*, of which [$1,086,000] *$1,107,480* shall be set aside for administrative and operating expenses and [$4,878,000] *$4,621,130* for the payment of indemnities, of which [$1,192,000] *$623,000* shall be immediately available: *Provided, however*, That in carrying out the purpose of this appropriation, if in the opinion of the Secretary of Agriculture it shall be necessary to condemn and destroy tuberculous or paratuberculous animals, if such animals have been destroyed, condemned, or die after condemnation, he may, in his discretion, and in accordance with such rules and regulations as he may prescribe, expend in the city of Washington or elsewhere such sums as he shall determine to be necessary, within the limitations above provided, for the payment of indemnities, for the reimbursement of owners of such animals, in cooperation with such States, Territories, counties, or municipalities, as shall by law or by suitable action in keeping with its authority in the matter, and by rules and regulations adopted and enforced in pursuance thereof, provide inspection of tuberculous or paratuberculous animals and for compensation to owners of animals so condemned, but no part of the money hereby appropriated shall be used in compensating owners of such animals except in cooperation with and supplementary to payments to be made by State, Territory, county, or municipality where condemnation of such anumals shall take place, nor shall any payment be made hereunder as compensation for or on account of any such animal if at the time of inspection or test, or at the time of condemnation thereof, it shall belong to or be upon the premises of any person, firm, or corporation to which it has been sold, shipped, or delivered for the purpose of being slaughtered: *Provided further*, That out of the money hereby appropriated no payment as compensation for any animal condemned for slaughter shall exceed one-third of the difference between the appraised value of such animal and the value of the salvage thereof; that no payment hereunder shall exceed the amount paid or to be paid by the State, Territory, county, and municipality where the animal shall be condemned; that in no case shall any payment hereunder be more than $25 for any grade animal or more than $50 for any purebred animal, and that no payment shall be made unless the owner has complied with all lawful quarantine regulations (*U. S. C., p. 56, secs. 511, 512; p. 117, sec. 391; pp. 624, 625, sec. 25; pp. 627–634, secs. 71–95, 101–105, 111–115, 117–127, 130, 151–158; p. 1444, secs. 71–76; act Jan. 18, 1927. vol. 44, pp. 981–984*)----------$5,728,610.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Bureau of Animal Industry—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
Grade 5, $5,200 to $6,000; average, $5,600—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Senior veterinarian	1	$5,200	1	$5,200	1	$5,200
Grade 4, $3,800 to $5,000; average, $4,400—						
Veterinarian	1	4,000	1	4,000	1	4,000
Chief radio service					0.3	4,000
Bacteriologist	1	3,800	1	3,800	1	3,800
Chemist	1	3,800	1	3,800	1	3,800
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate veterinarian	2	3,150	2	3,150	2	3,150
Associate bacteriologist	1	3,300	1	3,300	0.2	3,200
Associate chemist	1	3,200	1	3,200	1	3,200
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant veterinarian	3	2,533	3	2,533	3	2,500
Assistant bacteriologist	1	2,700	1	2,700	1	2,600
Grade 1, $1,860 to $2,400; average, $2,111.42—						
Junior veterinarian	1	1,920	1	1,920	1	1,920
Junior chemist	1	2,300	1	2,300	1	2,300
Subprofessional service—						
Grade 3, $1,320 to $1,680; average, $1,500—						
Junior scientific aid	1	1,320	1	1,320	0.9	1,380
Grade 2, $1,140 to $1,500; average, $1,260—						
Underscientific helper	1	1,260	1	1,260	1	1,260
Grade 1, $900 to $1,260; average, $1,080—						
Minor scientific helper	6	940	6	940	6	948
Clerical, administrative, and fiscal service—						
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	1	2,400	1	2,400	1	2,300
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	2	1,800	2	1,800	1	1,740
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	4	1,650	4	1,650	4	1,605
Custodial service—						
Grade 9, $2,100 to $2,700; average, $2,400—						
Carpenter					0.2	2,700
Total average number of employees	29		29		26.6	
Total salaries, departmental service		64,880.00		64,880.00		60,702.73
Field service:						
Salaries and wages—						
Salary range, $3,800 to $5,000; average, $4,400—						
Veterinarian	3.6	3,822	3.6	3,822	3.6	3,822
Salary range, $3,000 to $3,600; average, $3,300—						
Associate veterinarian	18	3,214	18	3,314	16.4	3,119
Salary range, $2,400 to $3,000; average, $2,700—						
Assistant veterinarian	148	2,523	148	2,423	148	2,426
Salary range, $2,100 to $2,700; average, $2,400—						
Senior clerk	1	2,300	1	2,300	1	2,300
Salary range, $1,860 to $2,400; average, $2,111.42—						
Junior veterinarian	52	2,083	52	1,983	52 7	1,987
Senior lay inspector	31.6	1,871	31.6	1,871	31.6	1,868
Principal lay inspector	2	2,100	2	2,100	2	2,100
Senior scientific aid	0.2	1,920	0.2	1,920	0.2	1,920
Salary range, $1,680 to $2,040; average, $1,860—						
Clerk	9	1,753	9	1,753	9	1,753
Salary range, $1,500 to $1,860; average, $1,680—						
Assistant clerk	19	1,560	19	1,560	19	1,560
Assistant lay inspector	0.4	1,500	0.4	1,500	0.4	1,500
Salary range, $1,320 to $1,680; average, $1,500—						
Junior clerk	43	1,399	43	1,399	41.5	1,399
Salary range, $1,140 to $1,500; average, $1,320—						
Underclerk	11	1,278	11	1,278	11.3	1,278
Total average number of regular employees	338.1		338.1		335.7	
Total salaries, regular employees		726,125.00		704,645.00		703,154.25
Temporary employees with salaries ranging from $100 to $2,100 per annum	20		20		23.2	
Total salaries and wages, temporary employees		20,250.00		20,250.00		22,223.97
Total number of employees	358.1		358.1		358.9	
Total salaries and wages, field service		746,375.00		724,895.00		725,378.22
The difference between 1929 and 1928 is due to increase in salaries, $21,480.						
01 Total personal services		811,255.00		789,775.00		786,080.95
Supplies and materials:						
0200 Stationery and office supplies		1,400.00		1,400.00		1,395.34
0220 Scientific and educational supplies		16,200.00		16,200.00		16,195.18
0230 Fuel		350.00		350.00		334.20
0250 Forage		4,950.00		4,950.00		4,834.62
0280 Sundry supplies		2,900.00		2,900.00		2,824.10
02 Total supplies and materials		25,800.00		25,800.00		25,583.44
04 Subsistence and care of animals and storage and care of vehicles		1,950.00		1,950.00		1,941.09

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and expenses, Bureau of Animal Industry—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Communication service:			
0500	Telegraph service	$250.00	$250.00	$226.82
0510	Telephone service	3,050.00	3,050.00	3,235.56
0520	Other communication service	75.00	75.00	61.27
05	Total communication service	3,375.00	3,375.00	3,523.65
	Travel expenses:			
0615	Transportation	104,750.00	99,750.00	97,022.99
0616	Subsistence	120,000.00	117,625.00	116,639.60
06	Total travel expenses	224,750.00	217,375.00	213,662.59
07	Transportation of things (service)	5,250.00	5,250.00	5,169.53
10	Furnishing heat, light, and power	75.00	75.00	68.30
11	Rent of buildings	4,680.00	4,675.00	4,667.45
12	Repairs and alterations	10,250.00	10,250.00	10,095.42
13	Special and miscellaneous current expenses	250.00	250.00	209.57
	Equipment:			
3000	Passenger-carrying vehicles	16,220.00	12,600.00	8,911.29
3010	Furniture, furnishings, and fixtures	2,000.00	2,000.00	2,374.83
3020	Educational, scientific, and recreational equipment	875.00	875.00	868.14
3050	Other equipment	750.00	750.00	500.46
30	Total equipment	19,845.00	16,225.00	12,654.72
53	Indemnities for animals slaughtered on account of tuberculosis	4,621,130.00	4,328,000.00	3,605,000.00
			5,403,000.00	4,668,656.71
	Unobligated balance			22,468.29
	Reserve		11,000.00	
	Total	5,728,610.00	5,414,000.00	4,691,125.00

For all necessary expenses for the eradication of southern cattle ticks, [$712,390] *$718,000*: *Provided*, That no part of this appropriation shall be used for the purchase of animals or in the purchase of materials for or in the construction of dipping vats upon land not owned solely by the United States, except at fairs or expositions where the Department of Agriculture makes exhibits or demonstrations; nor shall any part of this appropriation be used in the purchase of materials or mixtures for use in dipping vats except in experimental or demonstration work carried on by the officials or agents of the Bureau of Animal Industry (*U. S. C., p. 56, secs. 511, 512; p. 117, sec. 391; pp. 624, 625, sec. 25; pp. 627–634, secs. 71–95, 101–105, 111–115, 117–127, 130, 151–158; p. 1444, secs. 71–76; act Jan. 18, 1927, vol. 44, pp. 981–984*) $718,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 5, $5,200 to $6,000; average, $5,600—						
Senior veterinarian	1	$5,200	1	$5,200	1	$5,200
Grade 4, $3,800 to $5,000; average, $4,400—						
Veterinarian	1	4,000	1	4,000	1	3,800
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate chemist	1	3,000	1	3,000	0.9	3,000
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant chemist					0.1	2,600
Subprofessional service—						
Grade 8, $2,400 to $3,000; average, $2,700—						
Senior scientific illustrator	0.3	2,400	0.3	2,400	0.3	2,400
Grade 2, $1,140 to $1,500; average, $1,320—						
Under scientific helper	2	990	2	990	2	957
Clerical, administrative and fiscal service—						
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	1	1,860	1	1,860	1	1,860
Total average number of employees	6.3		6.3		6.3	
Total salaries, departmental service		16,760.00		16,760.00		16,454.37

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and expenses, Bureau of Animal Industry—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Field service:			
Salaries and wages—	*Average—*	*Average—*	*Average—*
	No. *Salary*	*No.* *Salary*	*No.* *Salary*
Salary range, $3,800 to $5,000; average, $4,400—			
Veterinarian	1.2 $4,000	1.2 $3,800	1.1 $3,800
Salary range, $3,000 to $3,600; average, $3,300—			
Associate veterinarian	7.3 3,225	7.3 3,125	7.7 3,134
Salary range, $2,400 to $3,000; average, $2,700—			
Assistant veterinarian	43 2,601	43 2,501	40.9 2,504
Principal lay inspector	0.1 2,500	0.1 2,500	0.1 2,500
Salary range, $1,860 to $2,400; average, $2,111.42—			
Junior veterinarian	5 2,072	5 2,004	4.4 1,996
Senior lay inspector	12 1,870	12 1,870	9.6 1,869
Salary range, $1,680 to $2,040; average, $1,860—			
Clerk	1 1,920	1 1,920	1 1,920
Salary range, $1,500 to $1,860; average, $1,680—			
Lay inspector	2 1,680	2 1,680	1.5 1,680
Assistant clerk	3 1,580	3 1,580	3 1,580
Salary range, $1,320 to $1,680; average, $1,500—			
Junior clerk	8.5 1,408	8.5 1,408	8.5 1,408
Total average number of regular employees	82.1	82.1	76.8
Total salaries, regular employees	188,910.00	183,300.00	178,130.54
Temporary employees with salaries ranging from $600 to $2,520 per annum	162	162	178.7
Total salaries and wages, temporary employees	302,965.00	302,965.00	332,653.55
Total number of employees	244.1	244.1	255.5
Total salaries and wages, field service	491,875.00	486,265.00	510,784.09
The difference between 1929 and 1928 is due to increase in salaries, $5,610.			
01 Total personal services	508,635.00	503,025.00	527,238.46
Supplies and materials:			
0200 Stationery and office supplies	850.00	850.00	809.84
0220 Scientific and educational supplies	1,600.00	1,100.00	1,591.03
0230 Fuel	175.00	175.00	167.10
0280 Sundry supplies	650.00	450.00	638.29
02 Total supplies and materials	3,275.00	2,375.00	3,206.26
04 Subsistence and care of animals and storage and care of vehicles	2,250.00	2,250.00	2,209.41
Communication service:			
0500 Telegraph service	250.00	250.00	243.53
0510 Telephone service	2,400.00	2,400.00	2,401.80
0520 Other communication service	40.00	40.00	32.19
05 Total communication service	2,690.00	2,690.00	2,677.52
Travel expenses:			
0615 Transportation	106,020.00	100,250.00	100,244.02
0616 Subsistence	52,850.00	48,750.00	47,811.00
06 Total travel expenses	158,870.00	149,000.00	148,055.02
07 Transportation of things (service)	4,450.00	4,450.00	4,442.05
09 Advertising	100.00	100.00	100.35
10 Furnishing of heat, light, and power	50.00	50.00	40.63
11 Rent of buildings	7,050.00	6,850.00	6,830.12
12 Repairs and alterations	20,400.00	20,100.00	19,595.81
13 Special and miscellaneous current expenses	300.00	300.00	297.87
Equipment:			
3000 Passenger-carrying vehicles	4,180.00	4,950.00	3,486.27
3010 Furniture, furnishings, and fixtures	750.00	750.00	318.64
3020 Educational, scientific, and recreational equipment	500.00	500.00	478.91
3050 Other equipment	4,500.00	4,500.00	4,310.95
30 Total equipment	9,930.00	10,700.00	8,594.77
		701,890.00	723,288.27
Unobligated balance			9,422.73
Reserve		10,500.00	
Total	718,000.00	712,390.00	732,711.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Salaries and Expenses, Bureau of Animal Industry—Continued. For all necessary expenses for investigations and experiments in animal husbandry; for experiments in animal feeding and breeding, including cooperation with the State agricultural experiment stations, including repairs and additions to and erection of buildings absolutely necessary to carry on the experiments, including the employment of labor in the city of Washington and elsewhere, rent outside of the District of Columbia, and all other necessary expenses, [$441,670] *$525,200*: *Provided*, That of the sum thus appropriated [$77,950] *$100,650* may be used for experiments in poultry feeding and breeding: *Provided further*, That of the sum thus appropriated $8,000 is made available for the erection of necessary buildings at the United States sheep experiment station in Clark County, Idaho, to furnish facilities for the investigation of problems pertaining to the sheep and wool industry on the farms and ranges of the Western States (*U. S. C., p. 56, secs. 511, 512; p. 117, sec. 391; pp. 624, 625, sec. 25; pp. 627–634, secs. 71–95, 101–105, 111–115, 117–127, 130, 151–158; p. 1444, secs. 71–76; act Jan. 18, 1927, vol. 44, pp. 981–984*).....	$525,200.00	

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average—		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Departmental service:						
Salaries—						
Professional and scientific service—						
Grade 5, $5,200 to $6,000; average, $5,600—						
Senior animal husbandman	1	$5,200	1	$5,200	1	$5,200
Grade 4, $3,800 to $5,000; average, $4,400—						
Animal husbandman	6	3,833	6	3,833	6	3,833
Poultry husbandman	1	4,600	1	4,600	1	4,600
Biological chemist	1	5,000	1	5,000	1	5,000
Grade 3, $3,000 to $3,800; average, $3,300—						
Associate animal husbandman	7	3,180	6	3,208	6	3,192
Associate poultry husbandman	1	3,300	1	3,300	1	3,300
Associate chemist	1	3,100	1	3,100	1	3,000
Associate physicist	2	3,000	2	3,000	2	3,000
Associate veterinarian	1	3,000			0.3	3,000
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant chemist	1	2,400				
Assistant animal husbandman	4	2,750	4	2,750	4	2,675
Grade 1, $1,860 to $2,400; average, $2,111.42—						
Junior animal husbandman	2	2,080	1	2,300	1	2,300
Junior technologist					0.3	1,860
Subprofessional service—						
Grade 8, $2,400 to $3,000; average, $2,700—						
Chief scientific aid	1	2,800	1	2,800	1	2,800
Chief scientific assistant					0.7	1,920
Senior mechanic	1	2,400	1	2,400	0.3	2,400
Grade 5, $1,680 to $2,040; average, $1,860—						
Scientific aid	1	1,680	1	1,680	0.7	1,680
Grade 4, $1,500 to $1,860; average, $1,680—						
Assistant scientific aid	1	1,740	1	1,740	1	1,740
Grade 2, $1,140 to $1,500; average, $1,320—						
Under scientific helper	2	1,320	2	1,320	1.7	1,174
Clerical, administrative, and fiscal service—						
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	1	2,500	1	2,500	0.8	2,500
Senior photographer	1	2,100	1	2,100	1	2,100
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Statistical clerk	1	1,860				
Senior clerk	2	1,890	2	1,890	2	1,890
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	1	1,680	1	1,680	1	1,680
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	11	1,615	11	1,615	11.1	1,616
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	13	1,347	13	1,347	8.1	1,469
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	1	1,140	1	1,140	0.7	1,320
Custodial service—						
Grade 1, $600 to $780; average, $690—						
Junior messenger	1	600	1	600	0.9	600
Total average number of employees	66		61		55.6	
Total salaries, departmental service		152,720.00		140,600.00		135,067.36
The difference between 1929 and 1928 is due to increase in force, $12,120.						
Field service:						
Salaries and wages—						
Salary range, $3,800 to $5,000; average, $4,400—						
Animal husbandman	1	3,800	1	3,800	0.2	3,800
Salary range, $3,000 to $3,600; average, $3,300—						
Associate poultry husbandman	1	3,000				
Associate animal husbandman	5	3,180	5	3,180	3.9	3,097
Associate chemist	1	3,000	1	3,000	1	3,000
Salary range, $2,400 to $3,000; average, $2,700—						
Assistant animal husbandman	2	2,650	2	2,650	1.6	2,556
Chief scientific assistant	1	2,700	1	2,700	1	2,700
Agent in animal husbandry	1	2,600	1	2,600	1	2,600

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Bureau of Animal Industry—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Field service—Continued.			
Salaries and wages—Continued.	*Average—*	*Average—*	*Average—*
Salary range, $1,860 to $2,400; average, $2,111.42—	*No.* *Salary*	*No.* *Salary*	*No.* *Salary*
Junior animal husbandman	2 $2,260	2 $2,260	2 $2,260
Junior chemist	2 1,890	2 1,890	2 1,881
Agent in animal husbandry	1 1,860	1 1,860	0.5 1,860
Junior veterinarian	1 2,100		
Salary range, $1,680 to $2,040; average, $1,860—			
Scientific aid	1 1,680	1 1,680	0.6 1,680
Agent in animal husbandry	1 1,800	1 1,800	0.7 1,800
Salary range, $1,500 to $1,860; average, $1,680—			
Assistant clerk	1 1,500	1 1,500	1 1,500
Assistant scientific aid	1 1,500	1 1,500	0.9 1,500
Salary range, $1,320 to $1,680; average, $1,500—			
Junior scientific aid	3 1,320	2 1,320	1.7 1,320
Junior clerk	2 1,360	2 1,360	2.2 1,374
Salary range, $1,140 to $1,500; average, $1,320—			
Underscientific helper	1 1,140		
Total average number of regular employees	28	24	19.3
Total salaries, regular employees	65,460.00	57,900.00	45,566.50
Temporary employees with salaries ranging from $567 to $1,760 per annum	73	70	70.5
Total salaries and wages, temporary employees	106,475.00	103,650.00	116,190.92
Total number of employees	101	94	89.8
Total salaries and wages, field service	171,935.00	161,550.00	161,757.42
Deduct allowance value of quarters, subsistence, etc., furnished	4,655.00	4,530.00	3,948.55
Cash payment, salaries and wages	167,280.00	157,020.00	157,808.87
The difference between 1929 and 1928 is due to increase in force, $10,260.			
01 Total personal services	320,000.00	297,620.00	292,876.23
Supplies and materials:			
0200 Stationery and office supplies	50.00	50.00	44.10
0210 Medical and hospital supplies	125.00	125.00	109.08
0220 Scientific and educational supplies	5,750.00	3,500.00	3,617.24
0230 Fuel	6,700.00	6,700.00	6,692.49
0240 Wearing apparel and sewing supplies	50.00	50.00	30.75
0250 Forage	53,080.00	40,750.00	38,720.06
0260 Provisions	2,775.00	2,775.00	2,778.53
0280 Sundry supplies	16,650.00	13,600.00	13,538.42
0290 Materials	300.00	300.00	298.27
02 Total supplies and materials	85,480.00	67,850.00	65,828.94
04 Subsistence and care of animals and storage and care of vehicles	90.00	90.00	89.24
Communication service:			
0500 Telegraph service	145.00	145.00	137.85
0510 Telephone service	750.00	750.00	753.68
0520 Other communication service	5.00	5.00	3.18
05 Total communication service	900.00	900.00	894.71
Travel expenses:			
0615 Transportation	16,250.00	11,500.00	10,147.17
0616 Subsistence	12,340.00	8,350.00	8,332.94
06 Total travel expenses	28,590.00	19,850.00	18,480.11
07 Transportation of things (service)	6,775.00	6,775.00	6,477.81
09 Advertising	25.00	25.00	10.20
10 Furnishing of heat, light, and power	2,750.00	2,750.00	2,721.24
11 Other rents	1,210.00	1,210.00	1,210.00
12 Repairs and alterations	42,850.00	15,350.00	14,920.26
13 Special and miscellaneous current expenses	2,000.00	2,000.00	900.62
Equipment:			
3010 Furniture, furnishings, and fixtures	1,750.00	1,750.00	3,024.74
3020 Educational, scientific, and recreational equipment	2,780.00	2,500.00	3,354.53
3040 Livestock for experimental purposes	1,000.00		
3050 Other equipment	29,000.00	16,500.00	11,993.26
30 Total equipment	34,530.00	20,750.00	18,372.53
		435,170.00	422,781.89
Add amount transferred to Bureau of Home Economics			1,000.00
		435,170.00	423,781.89
Unobligated balance			1,096.11
Reserve		6,500.00	
Total	625,200.00	441,670.00	424,878.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Solaries and Expenses, Bureau of Animal Industry—Continued. For all necessary expenses for scientific investigations in diseases of animals, including the maintenance and improvement of the bureau experiment station at Bethesda, Maryland, and the necessary alterations of buildings thereon, and the necessary expenses for investigations of tuberculin, serums, antitoxins, and analogous products, [$162,760] *$211,100: Provided*, That of said sum $50,625 may be used for researches concerning the cause, modes of spread, and methods of treatment and prevention of the disease of contagious abortion of animals (*U. S. C., p. 56, secs. 511–512; p. 117, sec. 391; pp. 624, 625, sec. 25; pp. 627–634, secs. 71–95, 101–105, 111–115, 117–127, 130, 151–158; p. 1444, secs. 71–76; act Jan. 18, 1927, vol. 44, pp. 981–984*)	$211,100.00	

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average—		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Departmental service:						
Salaries—						
Professional and scientific service—						
Grade 5, $5,200 to $6,000; average, $5,600—						
Senior zoologist	1	$5,200	1	$5,200	1	$5,200
Senior pathologist	1	5,200	1	5,200	1	5,200
Grade 4, $3,800 to $5,000; average, $4,400—						
Zoologist	1	3,800	1	3,800	1	3,800
Physiologist	1	3,300	1	3,300	1	3,300
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate veterinarian					0.1	3,000
Associate bacteriologist	4	3,100	2	3,200	2	3,100
Associate pathologist	2	3,100	2	3,100	2	3,025
Associate physiologist	1	3,100	1	3,100	1	3,100
Associate zoologist	2	3,000	1	3,000	1	3,000
Associate chemist	1	3,100	1	3,100	1	3,000
Associate parasitologist	1	3,000	1	3,000	1	3,000
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant veterinarian	1	2,400				
Assistant bacteriologist	1	2,400	1	2,400	0.6	2,400
Assistant zoologist	4	2,400				
Grade 1, $1,860 to $2,400; average, $2,111.42—						
Junior veterinarian					0.4	2,300
Junior zoologist	1	2,200	1	2,200	1	2,200
Subprofessional service—						
Grade 8, $2,400 to $3,000; average, $2,700—						
Senior scientific illustrator	0.5	2,400	0.5	2,400	0.5	2,400
Grade 5, $1,680 to $2,040; average, $1,860—						
Scientific aid	2	1,680	1	1,680	0.5	1,680
Grade 3, $1,320 to $1,680; average, $1,500—						
Junior scientific aid					0.1	1,320
Grade 2, $1,140 to $1,500; average, $1,320—						
Under scientific helper					0.3	1,440
Grade 1, $900 to $1,260; average, $1,080—						
Minor scientific helper	3	1,240	3	1,240	3	1,180
Clerical, administrative, and fiscal service—						
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	2	1,800	2	1,800	2	1,770
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	2	1,500	1	1,500	0.5	1,500
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk					0.5	1,440
Custodial service—						
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger	2	1,110	2	1,110	2	1,110
Grade 2, $900 to $1,140; average, $1,020—						
Junior office laborer	1	900	1	900	1	900
Total average number of employees	34.5		24.5		24.5	
Total salaries, departmental service		85,900.00		61,720.00		60,984.55
The difference between 1929 and 1928 is due to increase in force, $24,180.						
Field service:						
Salaries and wages—						
Salary range, $5,200 to $6,000; average, $5,600—						
Senior veterinarian	1	5,600	1	5,600	1	5,600
Salary range, $3,800 to $5,000; average, $4,400—						
Veterinarian	2	4,000	2	3,800	2	3,800
Salary range, $3,000 to $3,600; average, $3,300—						
Associate veterinarian	3	3,067	2	3,000	2	3,000
Associate bacteriologist	0.3	3,100	0.3	3,100	0.3	3,100
Salary range, $2,400 to $3,000; average, $2,700—						
Assistant veterinarian	2	2,750	2	2,750	2	2,750
Salary range, $1,860 to $2,400; average, $2,111.42—						
Junior veterinarian	0.4	1,860	0.4	1,860	0.4	1,860
Salary range, $1,500 to $1,860; average, $1,680—						
Assistant clerk	2	1,800	2	1,800	2	1,800
Salary range, $1,320 to $1,680; average, $1,500—						
Junior clerk					0.1	1,380
Total average number of regular employees	10.7		9.7		9.8	
Total salaries, regular employees		33,814.00		29,974.00		30,112.50

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Bureau of Animal Industry—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Field service—Continued.			
	Salaries and wages—Continued.	*Average—*	*Average—*	*Average—*
	Temporary employees with salaries ranging from $600 to $1,200 per annum	*No.* 28 *Salary*	*No.* 23 *Salary*	*No.* 17.4 *Salary*
	Total salaries and wages, temporary employees	$29,561.00	$24,561.00	$15,334.50
	Total number of employees	38.7	32.7	27.2
	Total salaries and wages, field service	63,375.00	54,535.00	45,447.00
	Deduct allowance value of quarters, subsistence, etc., furnished	400.00	400.00	400.00
	Cash payment, salaries and wages	62,975.00	54,135.00	45,047.00
	The difference between 1929 and 1928 is due to—			
	Increase in force $8,000			
	Increase in salaries 840			
	Total increase 8,840			
0	Total personal services	148,875.00	115,855.00	106,031.55
	Supplies and materials:			
0200	Stationery and office supplies	2,225.00	1,975.00	1,453.19
0220	Scientific and educational supplies	4,625.00	3,625.00	3,111.04
0230	Fuel	1,600.00	1,350.00	1,053.86
0250	Forage and other supplies for animals	16,950.00	14,450.00	13,411.73
0260	Provisions	350.00	350.00	342.36
0280	Sundry supplies	5,575.00	3,575.00	3,047.95
0290	Materials	150.00	150.00	146.37
02	Total supplies and materials	31,475.00	25,475.00	22,566.50
04	Subsistence and care of animals and storage and care of vehicles	325.00	275.00	272.06
	Communication service:			
0500	Telegraph service	15.00	15.00	12.30
0510	Telephone service	250.00	225.00	201.53
0520	Other communication service	10.00	10.00	7.86
05	Total communication service	275.00	250.00	221.69
	Travel expenses:			
0615	Transportation	5,435.00	3,500.00	2,096.98
0616	Subsistence	2,625.00	1,275.00	1,034.52
06	Total travel expenses	8,060.00	4,775.00	3,131.50
07	Transportation of things (service)	550.00	500.00	428.55
10	Furnishing of heat, light, and power	350.00	340.00	334.79
12	Repairs and alterations	5,590.00	4,690.00	4,145.47
13	Special and miscellaneous current expenses	1,800.00	1,000.00	900.11
	Equipment:			
3010	Furniture, furnishings, and fixtures	1,050.00	850.00	769.74
3020	Educational, scientific, and recreational equipment	2,750.00	2,250.00	1,795.45
3040	Livestock for experimental purposes	6,000.00	2,500.00	3,198.12
3050	Other equipment	4,000.00	1,000.00	893.48
30	Total equipment	13,800.00	6,600.00	6,656.79
			159,760.00	144,689.01
	Unobligated balance			10,290.99
	Reserve		3,000.00	
	Total	211,100.00	162,760.00	154,980.00

For investigating the disease of hog cholera, and for its control or eradication by such means as may be necessary, including demonstrations, the formation of organizations, and other methods, either independently or in cooperation with farmers' associations, State or county authorities, [$451,320] *$461,470*: *Provided*, That of said sum [$249,110] *$255,310* shall be available for expenditure in carrying out the provisions of the act approved March 4, 1913, regulating the preparation, sale, barter, exchange, or shipment of any virus, serum, toxin, or analogous product manufactured in the United States and the importation of such products intended for use in the treatment of domestic animals: *Provided further*, That of said sum $28,990 shall be available for researches concerning the cause, modes of spread, and methods of treatment and prevention of this disease (*U. S. C., p. 56, secs. 511, 512; p. 117, sec. 391; pp. 624, 625, sec. 25; pp. 627–634, secs. 71–95, 101–105, 111–115, 117–127, 130, 151–158; p. 1444, secs. 71–76; act Jan. 18, 1927, vol. 44, pp. 981–984*)..... $461,470.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Bureau of Animal Industry—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
Grade 5, $5,200 to $6,000; average, $5,600—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Senior biochemist	1	$5,600	1	$5,600	1	$5,600
Senior veterinarian	2	5,200	2	5,200	2	5,200
Grade 4, $3,800 to $5,000; average, $4,400—						
Veterinarian	2	3,800	2	3,800	2	3,800
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate bacteriologist	2	3,450	2	3,450	1.8	3,380
Subprofessional service—						
Grade 8, $2,400 to $3,000; average, $2,700—						
Senior scientific illustrator	2	2,400	2	2,400	2	2,400
Clerical, administrative, and fiscal service—						
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	3	1,880	3	1,880	3	1,880
Grade 2, $1,320 to $1,680; average, $1,500—						
Assistant clerk	1	1,500	1	1,500	1	1,500
Custodial service—						
Grade 1, $600 to $780; average, $690—						
Junior messenger	1	630	1	630	0.6	600
Total average number of employees	12.2		12.2		11.6	
Total salaries, departmental service		39,530.00		39,530.00		38,384.83
Field service:						
Salaries and wages—						
Salary range, $3,800 to $5,000; average, $4,400—						
Veterinarian	1.4	4,000	1.4	3,800	1.4	3,800
Salary range, $3,000 to $3,600; average, $3,300—						
Associate veterinarian	14.1	3,220	14.1	3,120	12.1	3,123
Associate bacteriologist	1.5	3,500	1.5	3,500	1.5	3,500
Salary range, $2,400 to $3,000; average, $2,700—						
Assistant veterinarian	83	2,575	83	2,475	76.3	2,469
Salary range, $1,860 to $2,400; average, $2,111.42—						
Junior veterinarian	2	2,180	2	2,100	2.2	2,067
Senior lay inspector	30	1,865	30	1,865	27.1	1,865
Salary range, $1,680 to $2,040; average, $1,860—						
Clerk	1	1,860	1	1,860	1	1,860
Salary range, $1,500 to $1,860; average, $1,680—						
Assistant lay inspector	3	1,500	3	1,500	2.9	1,500
Assistant clerk	6	1,560	6	1,560	5.6	1,495
Salary range, $1,320 to $1,680; average, $1,500—						
Junior clerk	1	1,320	1	1,320	0.1	1,332
Total average number of regular employees	143		143		130.2	
Total salaries, regular employees		342,480.00		332,330.00		313,040.64
Temporary employees with salaries ranging from $1,100 to $1,320 per annum	4		4		3.2	
Total salaries and wages of temporary employees		4,500.00		4,500.00		3,457.94
Total number of employees	147		147		133.4	
Total salaries and wages, field service		346,980.00		336,830.00		316,498.58
The difference between 1929 and 1928 is due to increase in salaries, $10,150.						
01 Total personal services		386,510.00		376,360.00		354,883.41
Supplies and materials:						
0200 Stationery and office supplies		375.00		325.00		318.47
0220 Scientific and educational supplies		1,325.00		1,225.00		1,218.31
0250 Forage and other supplies for animals		900.00		850.00		842.94
0280 Sundry supplies		450.00		300.00		304.11
02 Total supplies and materials		3,050.00		2,700.00		2,683.83
04 Subsistence and care of animals and storage and care of vehicles		350.00		325.00		303.39
Communication service:						
0500 Telegraph service		250.00		250.00		244.60
0510 Telephone service		1,375.00		1,375.00		1,362.93
0520 Other communication service		60.00		60.00		53.61
05 Total communication service		1,685.00		1,685.00		1,661.14
Travel expenses:						
0615 Transportation		36,500.00		33,500.00		28,491.28
0616 Subsistence		22,555.00		20,450.00		17,922.27
06 Total travel expenses		59,055.00		53,950.00		46,413.55
07 Transportation of things (service)		3,000.00		3,000.00		2,748.65
10 Furnishing of heat, light, and power		10.00		10.00		8.08
11 Rent of buildings and structures		2,200.00		2,200.00		2,197.91
12 Repairs and alterations		2,040.00		2,040.00		1,952.86
13 Special and miscellaneous current expenses		125.00		125.00		114.15
Equipment:						
3000 Passenger-carrying vehicles		1,170.00		900.00		770.00
3010 Furniture, furnishings, and fixtures		1,150.00		1,150.00		1,079.15
3020 Scientific, educational, and recreational equipment		250.00		250.00		178.57
3040 Livestock for experimental purposes		125.00		125.00		125.00
3050 Other equipment		750.00		750.00		722.56
30 Total equipment		3,445.00		3,175.00		2,875.28
				445,570.00		415,842.25
Unobligated balance						29,258.75
Reserve				5,750.00		
Total		461,470.00		451,320.00		445,101.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Salaries and Expenses, Bureau of Animal Industry—Continued. For all necessary expenses for the investigation, treatment, and eradication of dourine, [$26,970] *(U. S. C., p. 56, secs. 511, 512; p. 117, sec. 391; pp. 624, 625, sec. 25; pp. 627–634, secs. 71–95, 101–105, 111–115, 117–127, 130, 151–158; p. 1444, secs. 71–76; act Jan. 18, 1927, vol. 44, pp. 981–984)*	$27,600.00	

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Departmental service:						
	Salaries—						
	Subprofessional service—	*Average—*		*Average—*		*Average—*	
	Grade 2, $1,140 to $1,500; average, $1,320—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Underscientific helper	1	$1,440	1	$1,440	1	$1,440
	Custodial service—						
	Grade 1, $600 to $780; average, $690—						
	Junior messenger	1	600	1	600	0.5	600
	Total average number of employees	2		2		1.5	
	Total salaries, departmental service		2,040		2,040		1,740
	Field service:						
	Salaries and wages—						
	Salary range, $3,800 to $5,000; average, $4,460—						
	Associate veterinarian	0.3	3,150	0.3	3,050	0.3	3,050
	Salary range, $2,400 to $3,000; average, $2,700—						
	Assistant veterinarian	5	2,520	5	2,420	5.3	2,407
	Salary range, $1,860 to $2,400; average, $2,111.42—						
	Junior veterinarian	1	2,200	1	2,100	1	2,100
	Total average number of regular employees	6.3		6.3		6.6	
	Total salaries, regular employees		16,317.00		15,687.00		14,048.03
	Temporary employees with salaries ranging from $1,148 to $1,200 per annum	1.6		1.6		1.8	
	Total salaries and wages, temporary employees		1,748.00		1,748.00		2,087.49
	Total number of employees	7.9		7.9		8.4	
	Total salaries and wages, field service		18,065.00		17,435.00		16,135.52
	The difference between 1929 and 1928 is due to increase in salaries, $630.						
01	Total personal services		20,105.00		19,475.00		17,875.52
	Supplies and materials:						
0220	Scientific and educational supplies		150.00		150.00		165.74
0230	Fuel		150.00		150.00		167.10
0250	Forage and other supplies for animals		300.00		300.00		462.53
0270	Powder, projectiles, explosives, etc						20.25
0280	Sundry supplies		75.00		75.00		96.53
02	Total supplies and services		675.00		675.00		912.15
04	Subsistence and care of animals and storage and care of vehicles		75.00		75.00		83.05
	Communication service:						
0500	Telegraph service		15.00		15.00		19.68
0510	Telephone service		35.00		35.00		38.55
05	Total communication service		50.00		50.00		58.23
	Travel expenses:						
0615	Transportation		3,000.00		3,000.00		3,208.59
0616	Subsistence		2,850.00		2,850.00		3,153.24
06	Total travel expenses		5,850.00		5,850.00		6,361.83
07	Transportation of things (service)		400.00		400.00		427.31
12	Repairs and alterations		175.00		175.00		181.22
13	Special and miscellaneous current expenses		50.00		50.00		72.10
	Equipment:						
3010	Furniture, furnishings, and fixtures		45.00		45.00		19.85
3020	Educational, scientific, and recreational equipment		50.00		50.00		59.35
3050	Other equipment		25.00		25.00		21.25
30	Total equipment		120.00		120.00		100.45
53	Awards or damages for the destruction of infected livestock		100.00		100.00		55.50
	Unobligated balance						20,127.36
							4,775.64
	Total		27,600.00		26,970.00		30,903.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object		Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Salaries and Expenses, Bureau of Animal Industry—Continued.			
[To enable the Secretary of Agriculture to carry into effect] *For necessary expenses in carrying out* the provisions of the packers and stockyards act, approved August 15, 1921, [$420,000, of which amount not to exceed $125,000 may be expended for personal services in the District of Columbia] *$410,000: Provided,* That the Secretary of Agriculture may require reasonable bonds from every market agency and dealer, under such rules and regulations as he may prescribe, to secure the performance of their obligations, and whenever, after due notice and hearing, the Secretary finds any registrant is insolvent or has violated any provision of said act he may issue an order suspending such registrant for a reasonable specified period. Such order of suspension shall take effect within not less than five days, unless suspended or modified or set aside by the Secretary of Agriculture or a court of competent jurisdiction (*U. S. C., p, 56, secs. 511, 512; pp. 102–107, secs, 181–229; p. 117, sec. 391; pp. 624, 625, sec. 25; pp. 627–634, secs. 71–95, 101–105, 111–115, 117–127, 130, 151–153; p. 1444, secs. 71–76; act Jan. 18, 1927, vol. 44, pp, 981–984, 1002*)	$410,000.00		
In all, salaries and expenses		$8,973,295.00	$9,030,360.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 6, $6,000 to $7,500; average, $6,750—						
Chief administrative officer	1	$6,000	1	$6,000	1	$6,000
Grade 5, $5,200 to $6,000; average, $5,600—						
Assistant chief	1	5,400	1	5,400	1	5,400
Senior agricultural economist	1	5,400	1	6,400	1	6,400
Grade 4, $3,800 to $5,000; average, $4,400—						
Attorney	3	4,400	3	4,400	3	4,333
Weighing engineer	1	4,200	1	4,200	1	4,200
Economist	1	4,200	1	4,200	1	4,100
Clerical, administrative, and fiscal service—						
Grade 11, $3,800 to $5,000; average, $4,400—						
Assistant chief statistician	1	4,000	1	4,000	1	4,000
Specialist in livestock investigations	1	3,800	1	3,800	0.8	3,800
Senior accountant	1	3,900			1	4,600
Specialist in livestock investigations					1	3,800
Grade 9, $3,000 to $3,600; average, $3,300—						
Associate economist	1	3,600	1	3,600	1	3,600
Accountant	1	3,000	1	3,000	1	3,000
Senior administrative officer	1	3,000	1	3,000	0.1	3,000
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant	2	2,650	2	2,650	1.8	2,650
Bond examiner	1	2,800	1	2,800	0.5	2,800
Assistant economist	1	2,700	1	2,700	1	2,650
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk-stenographer	1	2,100	1	2,100		
Principal clerk	2	2,550	2	2,550	2.2	2,577
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	1	1,920	1	1,920	0.5	1,920
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk-stenographer	2	2,040	2	2,040	2	2,040
Clerk	5	1,788	5	1,788	5	1,788
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk-stenographer	1	1,860	1	1,860	1	1,860
Senior stenographer	7	1,662	7	1,662	7	1,654
Assistant clerk	8	1,620	8	1,620	8.5	1,551
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	3	1,500	3	1,500	3.1	1,523
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	1	1,140	1	1,140	1	1,140
Custodial service—						
Grade 3, $1,020 to $1,260; average, $1,140—						
Senior laborer	1	1,200	1	1,200	1	1,200
Grade 2, $900 to $1,140; average, $1,080—						
Assistant messenger	1	900	1	900	1	900
Junior laborer	2	1,050	2	1,050	2	1,050
Charwoman (part time)	1	500	1	500	1	490
Total average number of employees	54		53		52.5	
Total salaries, departmental service		128,900.00		125,000.00		115,295.47
The difference between 1929 and 1928 is due to increase in force, $3,900.						
Field service:						
Salaries and wages—						
Salary range, $5,200 to $6,000; average, $5,600—						
Chief valuation engineer	1	5,200	1	5,200	1	5,200
Salary range, $3,800 to $5,000; average, $4,400—						
Valuation engineer	1	3,800	1	3,800	1	3,800
Assistant chief accountant					0.5	4,600
Division supervisor	3	4,000	3	4,000	2.6	4,037
Salary range, $3,300 to $3,900; average, $3,600—						
District supervisor	19	3,513	19	3,513	14.6	3,493
Senior accountant	2	3,900	2	3,900	2	3,900
Livestock assistant	3	3,400	3	3,400	3	3,400
Livestock investigator	1	3,300	1	3,300	0.5	3,300

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Bureau of Animal Industry—Continued.

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
		Average—		*Average—*		*Average—*	
		No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Field service—Continued.						
	Salaries and wages—Continued.						
	Salary range, $3,000 to $3,600; average, $3,300—						
	Senior field assistant	2	$3,300	2	$3,300	1	$3,300
	District supervisor	1	3,200	1	3,200	1	3,183
	Salary range, $2,700 to $3,300; average, $3,000—						
	Associate accountant	7	2,929	11	2,973	11	2,945
	Associate supervisor	2	3,000	2	3,000	1	3,000
	District supervisor	1	3,000	1	3,000	1	2,933
	Salary range, $2,400 to $3,000; average, $2,700—						
	Accountant	3	2,400	3	2,400	2.3	2,400
	Assistant livestock weight supervisor	1	2,400	1	2,400	0.2	2,400
	Assistant law supervisor					0.4	2,400
	Salary range, $2,100 to $2,700; average, $2,400—						
	Principal clerk	1	2,400	1	2,400	1	2,400
	Salary range, $1,860 to $2,400; average, $2,111.42—						
	Senior accountant					0.8	1,860
	Salary range, $1,680 to $2,040; average, $1,860—						
	Clerk	3	1,770	3	1,770	2.3	1,777
	Stenographer	1	1,800	1	1,800	1	1,770
	Clerk-stenographer	1	1,740	1	1,740	0.8	1,740
	Salary range, $1,500 to $1,860; average, $1,680—						
	Assistant clerk	16	1,575	17	1,571	17.2	1,563
	Salary range, $1,320 to $1,680; average, $1,500—						
	Junior stenographer	3	1,360	3	1,360	2.8	1,341
	Salary range, $900 to $1,140; average, $1,020—						
	Charwoman (part time)	1	348	1	348	1	348
	Total average number of employees	73		78		70	
	Total salaries and wages, field service		179,525.00		193,425.00		193,148.19
	Temporary employees at $3,000 to $3,300 per annum	1.8		1.8		1.7	
	Total salaries and wages, temporary employees		5,761.00		5,761.00		5,346.66
	Total number of employees	74.8		79.8		71.7	
	Total salaries and wages, field service		185,286.00		199,186.00		198,494.85
	The difference between 1929 and 1928 is due to decrease in force, $13,900.						
01	Total personal services		314,186.00		324,186.00		313,790.32
	Supplies and materials:						
0200	Stationery and office supplies		2,630.00		2,630.00		1,759.30
0220	Scientific and educational supplies		250.00		250.00		128.37
0280	Sundry supplies		100.00		100.00		61.38
02	Total supplies and materials		2,980.00		2,980.00		1,949.05
	Communication service:						
0500	Telegraph service		1,000.00		1,000.00		597.64
0510	Telephone service		2,350.00		2,350.00		2,389.53
0520	Other communication service		50.00		50.00		19.10
05	Total communication service		3,400.00		3,400.00		3,006.27
	Travel expenses:						
0615	Transportation		31,000.00		27,000.00		29,015.28
0616	Subsistence		36,000.00		32,000.00		37,565.60
06	Total travel expenses		67,000.00		59,000.00		66,580.88
07	Transportation of things (service)		1,500.00		1,500.00		1,945.89
	Printing, binding, etc.:						
0820	Stenographic job work		1,000.00		1,000.00		
0830	Photographic work		300.00		300.00		
08	Total printing and binding, etc		1,300.00		1,300.00		
10	Furnishing of heat, light, and electricity		50.00		50.00		73.49
	Rent:						
1100	Rent of buildings		13,204.00		13,204.00		12,957.63
1110	Other rents		200.00		200.00		22.00
11	Total rent		13,404.00		13,404.00		12,979.63
12	Repairs and alterations		800.00		800.00		638.51
13	Special and miscellaneous current expenses		1,580.00		1,580.00		940.33
	Equipment:						
3010	Furniture, furnishings, and fixtures		2,000.00		1,200.00		1,429.08
3020	Educational, scientific, and recreational equipment		1,000.00		500.00		438.56
3050	Other equipment		800.00		100.00		14.95
30	Total equipment		3,800.00		1,800.00		1,882.59
					410,000.00		403,786.96
	Unobligated balance						36,213.04
	Reserve				10,000.00		
	Total		410,000.00		420,000.00		440,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Meat Inspection, Bureau of Animal Industry—		
For additional expenses in carrying out the provisions of the meat inspection act of June 30, 1906 [(Thirty-fourth Statutes at Large, page 674)], as amended by the act of March 4, 1907 [(Thirty-fourth Statutes at Large, page 1256)], and as extended to equine meat by the act of July 24, 1919 [(Forty-first Statutes at Large, page 241)], including the purchase of tags, labels, stamps, and certificates printed in course of manufacture, [$2,061,110] *$2,206,540*: *Provided*, That the Department of Agriculture may upon request of any branch of the Federal Government perform inspections of food and other products and receive reimbursement of the cost of such inspections, including salaries and expenses, out of appropriations available therefor (*U. S. C., pp. 627–630, secs. 71–96; act Jan. 18, 1927, vol. 44, p. 984*)	$2,206,540.00	$2,061,110.00
Permanent specific appropriation:		
Meat Inspection, Bureau of Animal Industry—		
There is permanently appropriated for each year $3,000,000 for the expenses of the inspection of cattle, sheep, swine, and goats, and the meat and meat-food products thereof which enter into interstate or foreign commerce, and for all expenses necessary to carry into effect the provisions of the act relating to meat inspection. The Secretary of Agriculture is required, in his annual estimates made to Congress, to submit a statement in detail, showing the number of persons employed in such inspections and their salaries and expenses (*U. S. C., p. 630, sec. 95*)	3,000,000.00	3,000,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average*—		*Average*—		*Average*—	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 5, $5,200 to $6,000; average, $5,600—						
Senior veterinarian	1	$5,200	1	$5,200	1	$5,200
Grade 4, $3,800 to $5,000; average, $4,400—						
Veterinarian	3	4,000	3	4,000	3	4,000
Chemist	2	4,000	2	4,000	2	3,800
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate veterinarian	1	3,200	1	3,200	1	3,200
Asociate chemist	2	3,200	2	3,200	2	3,200
Associate sanitary engineer	1	3,000	1	3,000	1	3,000
Associate zoologist	1	3,100	1	3,100	1	2,979
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant veterinarian	1	2,800	1	2,800	1	2,700
Assistant chemist	1	2,800	1	2,800	1	2,700
Grade 1, $1,860 to $2,400; average, $2,111.42—						
Junior veterinarian					1	1,980
Subprofessional service—						
Grade 6, $1,860 to $2,400; average, $2,111.42—						
Senior scientific aid	1	2,100	1	2,100	1	2,100
Scientific aid	1	1,860	1	1,860	1	1,860
Grade 1, $900 to $1,260; average, $1,080—						
Minor scientific helper	1	900	1	900	1	900
Clerical, administrative, and fiscal service—						
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	1	2,400	1	2,400	1	2,400
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	1	2,000	1	2,000	1	2,000
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	1	1,980	1	1,980	1	1,980
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	5	1,644	5	1,644	6.2	1,625
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	10	1,463	10	1,463	10.9	1,441
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	1	1,380	1	1,380	1.7	1,270
Custodial service—						
Grade 2, $900 to $1,140; average, $1,020—						
Junior office laborer	1	900	1	900	1	900
Total average number of employees	34		34		38.9	
Total salaries, departmental service		$83,060.00		$83,060.00		$81,819.90
Field service:						
Salaries and wages—						
Salary range, $3,800 to $5,000; average, $4,400—						
Veterinarian	9.8	4,141	9.8	3,941	9.8	3,941
Salary range, $3,000 to $3,600; average, $3,300—						
Associate veterinarian	40.7	3,240	40.7	3,146	41.7	3,128
Asscciate laboratory inspector	5	3,060	5	3,060	5	3,060
Associate chemist	2	3,300	2	3,300	2	3,300
Salary range, $2,400 to $3,000; average, $2,700—						
Assistant veterinarian	525	2,573	525	2,473	525	2,467
Principal lay inspector	6	2,667	6	2,667	5.3	2,673
Assistant chemist	5	2,441	5	2,441	4.9	2,441
Chief scientific aid	1	2,600	1	2,600	1	2,600
Salary range, $1,860 to $2,400; average, $2,111.42—						
Principal clerk	3	2,400	3	2,400	3	2,400
Senior clerk	3	2,007	3	2,007	3	2,007
Scientific aid	1	2,400	1	2,400	1	2,400
Principal lay inspector	30	2,188	30	2,188	29.8	2,185
Senior lay inspector	1,307	1,869	1,307	1,869	1,297.3	1,872
Principal scientific aid	1	1,860	1	1,860	1	1,860
Junior veterinarian	190	2,137	175	2,073	173.2	2,078
Scientific assistant	1	2,200	1	2,200	1	2,200

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

Meat Inspection, Bureau of Animal Industry—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Field service—Continued.					
Salaries and wages—Continued.	*Average—*	*Average—*	*Average—*		
Salary range, $1,680 to $2,040; average, $1,860—	*No.* *Salary*	*No.* *Salary*	*No.* *Salary*		
Lay inspector	125 $1,683	125 $1,683	118.4 $1,687		
Clerk	14 1,810	14 1,810	14 1,810		
Salary range, $1,500 to $1,860; average, $1,680—					
Assistant lay inspector	165 1,500	135 1,500	132.5 1,501		
Assistant clerk	21 1,635	21 1,635	20.9 1,635		
Salary range, $1,320 to $1,680; average, $1,500—					
Junior clerk	41 1,469	41 1,469	41 1,469		
Salary range, $1,140 to $1,500; average, $1,320—					
Underclerk	7 1,277	7 1,277	7 1,277		
Salary range, $900 to $1,140; average, $1,020—					
Junior office laborer	6 900	6 900	6 900		
Total average number of employees	2,508.5	2,463.5	2,446.8		
Total salaries and wages, field service	5,037,270.00	4,892,700.00	4,807,709.15		
The difference between 1929 and 1928 is due to—					
Increase in salaries $71,030					
Increase in force 73,540					
Total increase 144,570					
01 Total personal services	5,120,330.00	4,975,760.00	4,979,529.05		
Supplies and materials:					
0200 Stationery and office supplies	1,800.00	1,750.00	1,417.04		
0210 Medical and hospital supplies	5.00	5.00	4.00		
0220 Scientific and educational supplies	5,000.00	4,750.00	4,681.41		
0250 Forage and other supplies for animals	400.00	375.00	373.27		
0280 Sundry supplies	34,975.00	32,725.00	30,781.43		
0290 Materials			13.30		
02 Total supplies and materials	42,180.00	39,605.00	37,270.45		
04 Subsistence and care of animals and storage and care of vehicles	1,250.00	1,150.00	1,116.72		
Communication service:					
0500 Telegraph service	175.00	175.00	169.83		
0510 Telephone service	5,750.00	5,685.00	5,679.99		
0520 Other communication service	150.00	135.00	126.19		
05 Total communication service	6,075.00	5,995.00	5,976.01		
Travel expenses:					
0615 Transportation	26,880.00	20,225.00	15,250.59		
0616 Subsistence	23,750.00	18,750.00	14,832.15		
06 Total travel expenses	50,630.00	38,975.00	30,082.74		
07 Transportation of things (service)	8,750.00	7,500.00	6,997.23		
10 Furnishing of heat, light, and power	350.00	300.00	290.05		
11 Rent of buildings and structures	13,000.00	12,500.00	12,120.30		
12 Repairs and alterations	6,275.00	5,775.00	4,921.94		
13 Special and miscellaneous current expenses	1,750.00	1,500.00	979.18		
Equipment:					
3000 Passenger-carrying vehicles	2,200.00	1,800.00	1,564.17		
3010 Furniture, furnishings, and fixtures	2,500.00	2,500.00	1,850.35		
3020 Educational, scientific, and recreational equipment	750.00	750.00	621.30		
3050 Other equipment	3,500.00	3,500.00	3,914.54		
30 Total equipment	8,950.00	8,550.00	7,350.36		
	5,259,540.00	5,097,610.00	5,086,634.03		
Deduct amounts received from the following sources:					
Navy Department	46,900.00	46,900.00	46,915.29		
Marine Corps	3,900.00	3,900.00	3,916.16		
U. S. Public Health Service	1,000.00	1,000.00	992.51		
Federal penitentiaries:					
U. S. penitentiary, Atlanta, maintenance	450.00	450.00			
U. S. penitentiary, Leavenworth, maintenance	450.00	450.00			
U. S. penitentiary, McNeil, maintenance	300.00	300.00			
Total amount received	53,000.00	53,000.00	51,823.96		
		5,044,610.00	5,034,810.07		
Unobligated balance			47,811.93		
Reserve		16,500.00			
Total	5,206,540.00	5,061,110.00	5,082,622.00		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Eradication of Foot-and-Mouth and Other Contagious Diseases of Animals—		
In case of an emergency arising out of the existence of foot-and-mouth disease, rinderpest, contagious pleuropneumonia, or other contagious or infectious disease of animals which, in the opinion of the Secretary of Agriculture, threatens the livestock industry of the country, he may expend, in the city of Washington or elsewhere, the sum of $100, together with any unexpended balances of appropriations heretofore made for this purpose, in the arrest and eradication of any such disease, including the payment of claims growing out of past and future purchases and destruction, in cooperation with the States, of animals affected by or exposed to, or of materials contaminated by or exposed to, any such disease, wherever found and irrespective of ownership, under like or substantially similar circumstances, when such owner has complied with all lawful quarantine regulations: *Provided*, That the payment for animals hereafter purchased may be made on appraisement based on the meat, dairy, or breeding value, but in case of appraisement based on breeding value no appraisement of any animal shall exceed three times its meat or dairy value, and except in case of an extraordinary emergency, to be determined by the Secretary of Agriculture, the payment by the United States Government for any animals shall not exceed one-half of any such appraisements: *Provided further*, That the sum of $10,000 of the unexpended balance of the appropriation of $3,500,000, contained in the second deficiency appropriation act, fiscal year 1924, approved December 5, 1924, for the eradication of the foot-and-mouth disease and other contagious or infectious diseases of animals, is hereby made available during the fiscal year [1928] *1929* to enable the Secretary of Agriculture to control and eradicate the European fowl pest and similar diseases in poultry (*U. S. C., pp. 631–634, secs. 111–130; act Jan. 18, 1927, vol. 44, pp. 1005, 1006*)	$100.00	$100.00

NOTE.—This item has been transferred from the Miscellaneous Section.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
ERADICATING FOOT-AND-MOUTH AND OTHER CONTAGIOUS DISEASES OF ANIMALS			
Field service:			
Salaries and wages—	*Average—*	*Average—*	*Average—*
	No. *Salary*	*No.* *Salary*	*No.* *Salary*
Salary range, $3,800 to $5,000; average, $4,400—			
Specialist in foot-and-mouth disease			0.3 $4,300
Veterinarian		1 $3,800	1 3,800
Salary range, $3,000 to $3,600; average, $3,300—			
Associate veterinarian		0.3 3,300	0.3 3,300
Salary range, $2,400 to $3,000; average, $2,700—			
Assistant veterinarian		23 2,561	21.5 2,563
Salary range, $1,860 to $2,400; average, $2,111.42—			
Junior veterinarian		0.3 2,100	0.3 2,100
Senior lay inspector		0.5 1,860	0.5 1,860
Salary range, $1,140 to $1,500; average, $1,320—			
Underclerk			0.1 1,440
Total number of regular employees		25.1	24
Total salaries and wages, regular employees		65,593	60,592
Temporary employees, with salaries averaging $1,680 per annum		31	
Total salaries and wages, temporary employees		52,080	
Total average number of employees		56.1	24
Total salaries and wages, field service		117,673	60,592
01 Total personal services		117,673	60,592
Supplies and materials:			
0200 Stationery and office supplies		5.00	3.68
0220 Scientific and educational supplies		6,494.00	4.50
0250 Forage and other supplies for animals		5,000.00	4,973.58
02 Total supplies and materials		11,499.00	4,981.76
04 Subsistence and care of animals and storage and care of vehicles		125.00	123.00
Communication service:			
0500 Telegraph service		175.00	151.76
0510 Telephone service		85.00	81.65
0520 Other communication service		20.00	15.50
05 Total communication service		280.00	248.91
Travel expenses:			
0615 Transportation		8,500.00	6,362.80
0616 Subsistence		9,125.00	7,278.14
06 Total travel expenses		17,625.00	13,640.94
07 Transportation of things (service)		1,365.00	162.80
11 Rent of buildings and structures		72.00	72.00
12 Repairs and alterations		200.00	188.19
13 Special and miscellaneous current expenses	$100.00	5,075.00	63.58

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Eradication of Foot-and-Mouth and Other Contagious Diseases of Animals—Con.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
ERADICATING FOOT-AND-MOUTH AND OTHER CONTAGIOUS DISEASES OF ANIMALS—continued			
Equipment:			
3040 Livestock for experimental purposes		$775.00	$774.20
3050 Other equipment		6,550.00	46.06
30 Total equipment		7,325.00	820.26
	$100.00	161,239.00	80,893.44
Unexpended balance, estimated		1,700,430.81	
Total	100.00	1,861,669.81	80,893.44
ERADICATION AND CONTROL OF EUROPEAN FOWL PEST			
Field service:			
Salaries and wages—			
Salary range, $1,860 to $2,400; average, $2,111.42—			
Senior lay inspector		3 1,740	2.8 1,880
Salary range, $1,500 to $1,800; average, $1,680—			
Assistant lay inspector		3 1,500	0.6 1,500
Total number of employees		6	3.4
01 Total salaries and wages, field service		9,600.00	6,146.01
Travel expenses:			
0615 Transportation		150.00	51.93
0616 Subsistence		50.00	47.46
06 Total travel expenses		200.00	99.39
Total		10,000.00	6,245.40

Total, Bureau of Animal Industry, [$14,091,570] *$14,179,935*, of which amount not to exceed [$729,860] *$760,500* may be expended for departmental personal services in the District of Columbia ..... $14,179,935.00 | $14,091,570.00

BUREAU OF DAIRY INDUSTRY

Salaries and Expenses, Bureau of Dairy Industry—

For carrying out the provisions of the act approved May 29, 1924, establishing a Bureau of Dairying, for salaries in the city of Washington and elsewhere, and for all other necessary expenses, including repairs and additions to buildings *and not to exceed $7,600 for construction of buildings* absolutely necessary to carry on the experiments herein authorized, as follows (*U. S. C., p. 56, secs. 511–512; p. 117, secs. 401–404; act Jan. 18, 1927, vol. 44, p. 984*):

For necessary expenses for general administrative purposes, including the salary of chief of bureau and other personal services in the District of Columbia (*U. S. C., p. 56, secs. 511, 512; p. 117, secs. 401–404; act Jan. 18, 1927, vol. 44, p. 984*) $62,300.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 6, $6,000 to $7,500; average, $6,750—						
Chief of bureau	1	$6,000	1	$6,000	1	$6,000
Grade 4, $3,800 to $5,000; average, $4,400—						
Assistant to chief	1	4,200	1	4,200	1	4,000
Chief, radio service					0.1	4,600
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate dairy engineer	1	3,600	1	3,600	1	3,600
Grade 2, $2,400 to $3,000; average, $2,700—						
Architect	1	2,700	1	2,700	0.7	2,644
Grade 1, $1,860 to $2,400; average, $2,111.42—						
Junior librarian	1	2,200	1	2,200	1	2,100
Subprofessional service—						
Grade 6, $1,860 to $2,400; average, $2,111.42—						
Senior laboratory mechanic	1	2,200	1	2,200	1	2,060
Senior draftsman	1	1,920	1	1,920	1.1	2,082
Grade 4, $1,500 to $1,860; average, $1,680—						
Junior library assistant	1	1,680	1	1,680	1	1,680
Clerical, administrative, and fiscal service—						
Grade 9, $3,000 to $3,600; average, $3,300—						
Senior administrative assistant	1	3,500	1	3,600	1	3,400
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	3	1,927	3	1,927	2.4	1,880

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Bureau of Dairy Industry—Continued.

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
		Average—		*Average*—		*Average*—	
		No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Departmental service—Continued.						
	Salaries—Continued.						
	Clerical, administrative, and fiscal service—Con.						
	Grade 4, $1,680 to $2,040; average, $1,860—						
	Clerk	3.8	$1,800	3.8	$1,800	3.8	$1,794
	Grade 3, $1,500 to $1,860; average, $1,680—						
	Assistant clerk	5	1,608	5	1,608	6.1	1,570
	Grade 1, $1,140 to $1,500; average, $1,320—						
	Underclerk					0.2	1,140
	Custodial service—						
	Grade 3, $1,020 to $1,260; average, $1,140—						
	Senior laborer					0.7	1,092
	Grade 2, $900 to $1,140; average, $1,020—						
	Junior laborer	1	1,020	1	1,020	0.6	1,020
	Grade 1, $600 to $780; average, $690—						
	Junior messenger	1	600	1	600	0.1	600
	Employees 40 cents per hour—						
	Junior laborer	5	367	5	367	5	369
	Total average number of employees	27.8		27.8		27.8	
01	Total salaries, departmental service		52,026		52,026		51,893
	Supplies and materials:						
0200	Stationery and office supplies		1,400.00		1,400.00		1,100.44
0220	Scientific and educational supplies						26.83
0280	Sundry supplies		175.00		175.00		175.26
02	Total supplies and materials		1,575.00		1,575.00		1,302.53
	Communication service:						
0500	Telegraph service		25.00		25.00		27.95
0510	Telephone service		475.00		475.00		473.81
05	Total communication service		500.00		500.00		501.76
	Travel expenses:						
0615	Transportation		1,775.00		1,775.00		1,766.09
0616	Subsistence		875.00		875.00		875.90
06	Total travel expenses		2,650.00		2,650.00		2,641.99
07	Transportation of things (service)		150.00		150.00		149.21
	Printing and binding, etc.:						
0820	Multigraphing and mimeographing		900.00		900.00		891.84
0830	Photographing and photographic prints		90.00		90.00		87.94
08	Total printing and binding, etc		990.00		990.00		979.78
11	Rents		36.00		36.00		36.00
12	Repairs and alterations		2,143.00		2,143.00		2,385.00
13	Special and miscellaneous current expenses		580.00		580.00		578.18
	Equipment:						
3010	Furniture, furnishings, and fixtures		1,050.00		1,050.00		1,046.72
3050	Other equipment		600.00		600.00		1,341.38
30	Total equipment		1,650.00		1,650.00		2,388.10
	Total		62,300.00		62,300.00		62,855.55

For conducting investigations, experiments, and demonstrations in dairy industry, cooperative investigations of the dairy industry in the various States, and inspection of renovated butter factories, [$425,134] *(U. S. C., p. 56, secs. 511, 512; p. 117, secs. 400–404; act Jan. 18, 1927, vol. 44, p. 984)* $465,000.00

In all, salaries and expenses $527,300.00 $487,434.00

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
		Average—		*Average*—		*Average*—	
		No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Departmental service:						
	Salaries—						
	Professional and scientific service—						
	Grade 5, $5,200 to $6,000; average, $5,600—						
	Senior bacteriologist	1	$5,600	1	$5,600	1	$5,600
	Senior physiologist	1	5,200				
	Grade 4, $3,800 to $5,000; average, $4,400—						
	Specialist in dairy cattle breeding	1	4,800	1	4,800	0.8	4,674
	Biological chemist	1	4,600	1	4,600	1	4,400
	Market milk specialist	1	4,600	1	4,600	1	4,400
	Physiologist	1	4,600	1	4,600	1	4,600
	Dairy husbandman	5	4,200	5	4,200	4.6	4,040
	Physical chemist	1	4,200	1	4,200	1	4,000
	Biometrician	1	4,000	1	4,000	1	3,800

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Bureau of Dairy Industry—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average—		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Departmental service—Continued.						
Salaries—Continued.						
Professional and scientific service—Continued.						
Grade 4, $3,800 to $5,000; average, $4,400—Con.						
Dairy manufacturing specialist	2	$4,000	2	$4,000	2	$3,900
Chemist	1	4,000	1	4,000	1	3,900
Specialist in milk utilization	1	3,860	1	3,800	0.8	3,600
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate milk utilization specialist	1	3,400	1	3,400	1.2	3,500
Associate bacteriologist	3	3,300	2.2	3,300	3	3,200
Associate dairy manufacturing specialist	2	3,250	2	3,250	2	3,050
Associate dairy husbandman	6	3,200	5	3,240	4.7	3,180
Associate chemist	3	3,167	3	3,167	3	3,133
Associate market milk specialist	5	3,140	5	3,140	5	3,110
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant dairy manufacturing specialist	3	2,633	2	2,750	1.4	2,750
Assistant market milk specialist	3	2,633	3	2,633	3	2,550
Assistant chemist	9	2,633	7	2,700	6.7	2,636
Assistant home economics specialist	1	2,400	1	2,400	0.9	2,400
Grade 1, $1,860 to $2,400; average, $2,111.42—						
Junior dairy manufacturing specialist	2	1,920	2	1,920	2.4	2,006
Junior chemist	3	1,860			0.3	1,920
Subprofessional service—						
Grade 3, $1,320 to $1,680; average, $1,500—						
Junior scientific aid	1	1,620	1	1,620	1	1,620
Grade 1, $900 to $1,260; average, $1,080—						
Minor scientific helper					0.4	980
Clerical, administrative, and fiscal service—						
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	2.2	1,740	2.2	1,740	2.2	1,718
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	10	1,596	9	1,606	9.9	1,560
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	11	1,451	9	1,480	8.8	1,443
Grade 1, $1,140 to $1,500; average, $1,320—						
Underoperator	2	1,320	2	1,320	1.9	1,260
Custodial service—						
Grade 3, $1,020 to $1,260; average, $1,140—						
Senior laborer	1	1,080	1	1,080	0.9	1,020
Grade 2, $900 to $1,140; average, $1,020—						
Junior laborer	5	948	5	948	4.7	924
Grade 1, $600 to $780; average, $690—						
Junior messenger					0.3	600
Total average number of employees	90.2		78.4		78.9	
Total salaries, departmental service		235,790		207,974		202,246
The difference between 1929 and 1928 is due to increase in force, $27,816.						
Field service:						
Salaries and wages—						
Salary range, $3,800 to $5,000; average, $4,400—						
Dairy husbandman	2	4,100	2	4,100	2	4,100
Veterinarian and physiologist	1	4,000	1	4,000	1	3,800
Salary range, $3,000 to $3,600; average, $3,300—						
Associate dairy husbandman	1	3,000	1	3,000	1.4	3,300
Assistant dairy husbandman	1	3,100	1	3,100	1	3,050
Associate bacteriologist	1	3,100	1	3,100	1	3,050
Associate physiologist	1	3,000				
Salary range, $2,400 to $3,000; average, $2,700—						
Assistant market milk specialist	1	3,000	1	3,000	1	2,950
Assistant dairy manufacturing specialist	4.6	2,800	4.6	2,800	4.4	2,783
Agent in dairying	2	2,800	2	2,800	2	2,800
Assistant chemist	1	2,400	1	2,400	1	2,400
Salary range, $1,860 to $2,400; average, $2,111.42—						
Assistant dairy manufacturing specialist					0.5	2,000
Junior bacteriologist	1	2,100	1	2,100	0.6	2,100
Assistant machinist	1	1,920	1	1,920	1	1,920
Salary range, $1,680 to $2,040; average, $1,860—						
Clerk	1	1,740	1	1,740	0.9	1,740
Salary range, $1,500 to $1,860; average, $1,680—						
Carpenter	1	1,800	0.9	1,800	0.9	1,800
Agent in dairying	2	1,630	2	1,630	1.8	1,630
Assistant dairy manufacturing specialist	0.4	1,600	0.4	1,600	0.3	1,600
Assistant clerk	1.8	1,800	1.8	1,800	1.8	1,620
Salary range, $1,320 to $1,680; average, $1,500—						
Junior clerk	1	1,500	1	1,500	1.7	1,410
Junior mechanic	1	1,440	0.9	1,440	0.9	1,440
Salary range, $1,140 to $1,500; average, $1,320—						
Underclerk	1	1,140	1	1,140	1	1,140
Unskilled laborer	8	1,215	7.9	1,215	6.2	1,217
Salary range, $900 to $1,140; average, $1,020—						
Unskilled laborer	4	1,020	4	1,020	4	1,020
Salary range, $780 to $1,020; average, $900—						
Agent in animal nutrition	3	800	3	800	3	800
Salary ranga, $600 to $780; average, $690—						
Unskilled laborer	1	720	1	720	1	720
Salary range, $240 to $420; average, $330—						
Charwoman	1	360	1	360	1	360
Agent in dairying					2.9	405

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Bureau of Dairy Industry—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Field service—Continued.			
	Salaries and wages—Continued.	*Average—*	*Average—*	*Average—*
	Salary range below $240—	*No.* *Salary*	*No.* *Salary*	*No.* *Salary*
	Agent in dairying	4 $120	4 $120	4 $120
	Per diem employees—			
	Carpenter	1 1,487	1 1,487	0.2 1,487
	Unskilled laborer	26 1,426	25.8 1,426	23.8 1,440
	Total average number of regular employees	74.8	73.3	72.3
	Total salaries and wages, regular employees	123,417	119,934	115,374
	Deduct allowance value of subsistence, lodging, etc.	583	583	583
	Cash payment, salaries and wages	122,834	119,351	114,791
	Temporary employees at wages ranging from $2.40 to $6 per diem			3.1
	Total salaries and wages, temporary employees			4,025
	Total number of employees	74.8	73.3	75.4
	Total salaries and wages, field service	122,834	119,351	118,816
	The difference between 1929 and 1928 is due to increase in force, $3,483.			
01	Total personal services	358,624	327,325	321,062
	Supplies and materials:			
0200	Stationery and office supplies			290.51
0210	Medical and hospital supplies	230.00	130.00	129.96
0220	Scientific and educational supplies	5,834.00	4,670.00	4,667.73
0230	Fuel	2,200.00	1,900.00	1,911.99
0240	Wearing apparel and sewing supplies	100.00	100.00	10.42
0250	Forage and other supplies for animals	21,500.00	18,700.00	20,713.96
0280	Sundry supplies	1,570.00	1,270.00	1,568.04
0290	Materials	275.00	275.00	279.89
02	Total supplies and materials	31,709.00	27,045.00	29,572.50
	Communication service:			
0500	Telegraph service	95.00	90.00	93.82
0510	Telephone service	425.00	425.00	423.22
05	Total communication service	520.00	515.00	517.04
	Travel expenses:			
0615	Transportation	20,375.00	18,575.00	18,579.07
0616	Subsistence	14,675.00	13,275.00	13,273.70
06	Total travel expenses	35,050.00	31,850.00	31,852.77
07	Transportation of things	4,000.00	3,060.00	4,059.18
08	Photographing and photographic prints	425.00	425.00	425.56
10	Furnishing of heat, light, and power	2,900.00	2,400.00	2,912.13
	Rents:			
1100	Rent of buildings and structures	2,750.00	2,750.00	2,940.50
1110	Other rents	2,542.00	2,210.00	2,210.50
11	Total rents	5,292.00	4,960.00	5,151.00
12	Repairs and alterations	7,900.00	7,400.00	7,454.38
13	Special and miscellaneous expenses	3,800.00	3,796.00	3,846.15
	Equipment:			
3010	Furniture, furnishings, and fixtures			341.90
3020	Educational, scientific, and recreational equipment	4,180.00	2,300.00	2,349.29
3040	Livestock			175.00
3050	Other equipment	3,000.00	3,000.00	3,043.67
30	Total equipment	7,180.00	5,300.00	5,909.86
	Structural and nonstructural improvements:			
3210	Other structures	7,600.00	2,558.00	2,041.96
3220	Nonstructural improvements			44.85
32	Total structures and nonstructural improvements	[1] 7,600.00	[2] 2,558.00	[3] 2,086.81
			416,634.00	414,849.38
	Unobligated balance			5,089.07
	Reserve		8,500.00	
	Total	465,000.00	425,134.00	419,938.45

[1] Manure shed, 1-story concrete, 36 by 88 by 30 feet, 95,000 cubic feet, at $0.08 per cubic foot.
[2] 1 feed shed 20 by 84 by 10 feet, 16,800 cubic feet, at $0.152 per cubic foot.
[3] This item covers the completion of temporary buildings constructed in the fiscal year 1926.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Field Station, Woodward, Okla. For the maintenance, repairs, and construction of buildings, in connection with the Woodward, Oklahoma, Field Station, of a livestock department, through which experiments and demonstrations in livestock breeding, growing, and feeding, including both beef and dairy animals, may be made (*acts May 31, 1920, vol. 41, p. 730; Jan. 18, 1927, vol. 44, pp. 984, 985*)	$12,300.00	$12,300.00

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:							
Salaries and wages—		*Average—*		*Average—*		*Average—*	
Salary range, $2,400 to $3,000; average, $2,700—		*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Assistant dairy husbandman		1	$2,800	1	$2,800	1	$2,800
Salary range, $1,140 to $1,500; average, $1,320—							
Unskilled laborer		2	1,350	2	1,350	1	1,230
Per diem employee (unskilled laborer)				0.3	1,168	1.6	1,200
Per hour employee (unskilled laborer)						0.3	1,150
Total average number of regular employees		3		3.3		3.9	
Total salaries and wages, regular employees			5,500		5,792		6,280
Deduct allowance value of subsistence, lodging, etc.			200		200		200
Cash payment, salaries and wages			5,300		5,592		6,080
Temporary employees at salaries ranging from $3.20 to $7 per diem		1		1		1.2	
Total salaries and wages, temporary employees			1,200		1,200		1,363
Total number of employees		4		4.3		5.1	
01 Total salaries and wages, field service			6,500		6,792		7,443
The difference between 1929 and 1928 is due to decrease in force, $292.							
Supplies and materials:							
0200 Stationery and office supplies			30.00		30.00		29.75
0210 Medical and hospital supplies			10.00		8.00		7.49
0220 Scientific and educational supplies			30.00		27.00		27.08
0230 Fuel			35.00		35.00		34.55
0250 Forage and other supplies for animals			2,100.00		2,000.00		2,106.80
0280 Sundry supplies			100.00		56.00		108.86
0290 Materials			14.00		8.00		7.50
02 Total supplies and materials			2,319.00		2,164.00		2,322.03
Communication service:							
0500 Telegraph service			10.00		10.00		10.80
0510 Telephone service			5.00		5.00		4.50
05 Total communication service			15.00		15.00		15.30
Travel expenses:							
0515 Transportation			375.00		370.00		141.80
0516 Subsistence			100.00		100.00		28.75
06 Total travel expenses			475.00		470.00		170.55
07 Transportation of things (service)			100.00		100.00		123.68
08 Photographing and photographic prints			10.00		10.00		10.52
10 Furnishing of heat, light, and power			100.00		100.00		105.50
11 Rents			1.00		1.00		1.00
12 Repairs and alterations			1,825.00		280.00		608.32
13 Special and miscellaneous current expenses			180.00		180.00		41.00
30 Equipment			775.00		420.00		877.22
32 Structures					[1] 1,768.00		[2] 565.25
							12,283.37
Unobligated balance							16.63
Total			12,300.00		12,300.00		12,300.00

[1] One electric power line, $635; one 4-inch water main, 1,200 feet, $1,133.
[2] One cement-covered runway, 5 by 180 by 4 feet, 180 linear feet, at $3.14 per foot.

Total, Bureau of Dairy Industry, [$499,734] *$539,600*, of which amount not to exceed [$260,000] *$287,800* may be expended for personal services in the District of Columbia	539,600.00	499,734.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
BUREAU OF PLANT INDUSTRY		
Salaries and Expenses, Bureau of Plant Industry—		
For all necessary expenses in the investigation of fruits, fruit trees, grain, cotton, tobacco, vegetables, grasses, forage, drug, medicinal, poisonous, fiber, and other plants and plant industries in cooperation with other branches of the department, the State experiment stations, and practical farmers, and for the erection of necessary farm buildings: *Provided*, That the cost of any building erected shall not exceed $1,500; for field and station expenses, including fences, drains, and other farm improvements; for repairs in the District of Columbia and elsewhere; for rent outside of the District of Columbia; and for the employment of all investigators, local and special agents, agricultural explorers, experts, clerks, illustrators, assistants, and all labor and other necessary expenses in the city of Washington and elsewhere required for the investigations, experiments, and demonstrations herein authorized, as follows (*U. S. C., p. 56, secs. 511, 512; p. 95, secs. 111–114; act Jan. 18, 1927, vol. 44, pp. 985–988*):		
For necessary expenses for general administrative purposes, including the salary of chief of bureau and other personal services in the District of Columbia (*U. S. C., p. 56, secs. 511, 512; p. 95, secs. 111–114; act Jan. 18, 1927, vol. 44, pp. 985–988*)	$193,120.00	

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average*—		*Average*—		*Average*—	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 7, $7,500 and over—						
Chief of bureau	1	$7,500	1	$7,500	0.3	$7,500
Grade 6, $6,000 to $7,500; average, $6,750—						
Chief of bureau					0.7	7,000
Associate chief	0.6	6,000	0.6	6,000		
Grade 5, $5,200 to $6,000; average, $5,600—						
Associate chief					1	6,000
Assistant chief	1	5,200	1	5,200		
Grade 4, $3,800 to $5,000; average, $4,400—						
Assistant to chief					1	4,600
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant scientist	2	2,550	2	2,550	1.7	2,471
Grade 1, $1,860 to $2,400; average, $2,111.42—						
Junior scientist	2	1,930	2	1,930	2	1,910
Subprofessional service—						
Grade 5, $1,680 to $2,040; average, $1,860—						
Library assistant	1	1,860	1	1,860	1	1,860
Scientific aid					0.1	1,680
Grade 3, $1,320 to $1,680; average, $1,500—						
Under library assistant	1	1,560	1	1,560	1	1,530
Grade 2, $1,140 to $1,500; average, $1,320—						
Under scientific helper					0.1	1,260
Grade 1, $900 to $1,260; average, $1,080—						
Minor scientific helper	2	930	2	930	3	910
Clerical, administrative, and fiscal service—						
Grade 9, $3,000 to $3,600; average, $3,300—						
Senior administrative assistant	2	3,300	2	3,300	2	3,250
Grade 8, $2,700 to $3,300; average, $3,000—						
Administrative assistant	3	2,933	3	2,933	2.8	2,899
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant	3	2,700	3	2,700	3	2,700
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	7	2,300	7	2,300	5.7	2,269
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	6	2,177	6	2,177	6.7	2,138
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	15	1,820	15	1,820	13.9	1,798
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	18	1,600	18	1,600	15.1	1,632
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	11	1,489	11	1,489	11	1,444
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	4	1,200	4	1,200	4.8	1,231
Custodial service—						
Grade 3, $1,020 to $1,260; average, $1,140—						
Senior laborer	5	1,188	5	1,188	5	1,173
Messenger	5	1,188	5	1,188	5	1,140
Grade 2, $900 to $1,140; average, $1,020—						
Assistant messenger	2	960	2	960	2.9	934
Junior laborer	1	900	1	900		
Office laberer	20	366	20	366	20	366
Grade 1, $600 to $780; average, $690—						
Junior messenger	1	600	1	600	0.9	600
Total average number of employees	113.6		113.6		110.7	
01 Total salaries, departmental service		183,700.00		183,700.00		175,858.65
Supplies and materials:						
0200 Stationery and office supplies		3,300.00		3,200.00		3,377.78
0220 Scientific and educational supplies		20.00		20.00		22.93
0280 Sundry supplies		80.00		80.00		85.47
02 Total supplies and materials		3,400.00		3,300.00		3,486.18

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Bureau of Plant Industry—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Communication service:			
0500	Telegraph service	$100.00	$100.00	$93.99
0510	Telephone service	350.00	300.00	451.51
0520	Other communication service	350.00	300.00	428.04
05	Total communication service	800.00	700.00	973.54
	Travel expenses:			
0615	Transportation	950.00	900.00	937.72
0616	Subsistence	450.00	400.00	557.38
06	Total travel expenses	1,400.00	1,300.00	1,495.10
07	Transportation of things (service)	220.00	200.00	107.75
	Printing, engraving, and lithographing:			
0820	Stenographic work, typewriting, multigraphing and mimeographing	635.00	500.00	685.20
0830	Photographing, and making photographs and prints	15.00	15.00	14.59
08	Total printing, engraving, and lithographing	650.00	515.00	699.79
10	Furnishing light, power, water, and electricity	350.00	300.00	331.30
12	Repairs and alterations	800.00	800.00	942.15
13	Special and miscellaneous current expenses	100.00	100.00	97.74
	Equipment:			
3010	Furniture, furnishings, and fixtures	1,300.00	1,300.00	2,525.96
3020	Educational, scientific, and recreational equipment	200.00	220.00	424.31
3050	Other equipment	200.00	185.00	149.00
30	Total equipment	1,700.00	1,705.00	3,099.27
			192,620.00	187,091.47
	Unobligated balance			6,741.20
	Reserve		500.00	
	Total	193,120.00	193,120.00	193,832.67

For investigations of plant diseases and pathological collections, including the maintenance of a plant-disease survey (*U. S. C., p. 56, secs. 511–512; p. 95, secs. 111–114; act Jan. 18, 1927, vol. 44, pp. 985–988*) $108,440.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 6, $6,000 to $7,500; average, $6,750— Associate chief	0.2	$6,000	0.2	$6,000		
Grade 5, $5,200 to $6,000; average, $5,600— Senior scientist	1.5	5,400	1.5	5,400	1.3	$5,303
Grade 4, $3,800 to $5,000; average, $4,400— Scientist	1	3,800	1	3,800	1.1	3,965
Grade 3, $3,000 to $3,600; average, $3,300— Associate scientist	2.7	3,222	2.7	3,222	2.1	3,078
Grade 2, $2,400 to $3,000; average, $2,700— Assistant scientist	6	2,933	6	2,933	5.9	2,885
Grade 1, $1,860 to $2,400; average, $2,111.42— Junior scientist	4	2,200	4	2,200	4.5	2,160
Subprofessional service—						
Grade 8, $2,400 to $3,000; average, $2,700— Chief scientific illustrator	1	2,500	1	2,500	1	2,400
Grade 6, $1,860 to $2,400; average, $2,111.42— Senior scientific aid	1	2,200	1	2,200	1	2,200
Grade 4, $1,500 to $1,860; average, $1,680— Assistant scientific aid					1	1,500
Junior library assistant					0.4	1,530
Grade 3, $1,320 to $1,680; average, $1,500— Junior scientific aid	1	1,320	1	1,320	1	1,320
Grade 2, $1,140 to $1,500; average, $1,320— Under scientific helper	1	1,200	1	1,200	1.4	1,238
Grade 1, $900 to $1,260; average, $1,080— Minor scientific helper	2	1,260	2	1,260	2	1,200
Clerical, administrative, and fiscal service—						
Grade 5, $1,860 to $2,400; average, $2,111.42— Senior clerk	2.3	2,017	2.3	2,017	2.1	2,040
Grade 4, $1,680 to $2,040; average, $1,860— Clerk	2	1,680	2	1,680	2.1	1,705

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Bureau of Plant Industry—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Departmental service—Continued.			
Salaries—Continued.			
Clerical, administrative, and fiscal service—Con.	*Average—*	*Average—*	*Average—*
Grade 3, $1,500 to $1,860; average, $1,680—	*No.* *Salary*	*No.* *Salary*	*No.* *Salary*
Assistant clerk	4 $1,545	4 $1,545	3.9 $1,565
Grade 2, $1,320 to $1,680; average, $1,500—			
Junior clerk	2 1,500	2 1,500	2 1,470
Grade 1, $1,140 to $1,500; average, $1,320—			
Underclerk			0.1 1,140
Custodial service—			
Grade 1, $600 to $780; average, $690—			
Junior messenger	1 690	1 690	1 690
Total average number of employees	32.7	32.7	33.9
Total salaries, departmental service	75,710.00	75,710.00	74,227.13
Field service:			
Salaries and wages—			
Salary range, $3,000 to $3,600; average, $3,300—			
Associate entomologist			0.1 3,300
Salary range, $2,400 to $3,000; average, $2,700—			
Assistant pathologist	0.5 2,400	0.5 2,400	0.9 2,400
Per diem and other unclassified employees (agent)	3 1,500	3 1,500	2 1,650
Total average number of regular employees	3.5	3.5	3
Total salaries and wages, regular employees	5,700.00	5,700.00	5,859.16
Temporary employees at salaries ranging from $1,000 to $1,800 per year	9	9	16
Total salaries and wages, temporary employees	4,098.00	4,098.00	5,424.32
Total average number of employees	12.5	12.5	19
Total salaries and wages, field service	9,798.00	9,798.00	11,283.48
01 Total personal services	85,508.00	85,508.00	85,510.61
Supplies and materials:			
0200 Stationery and office supplies	2,480.00	1,700.00	1,765.58
0220 Scientific and educational supplies	4,464.00	4,464.00	3,393.86
0230 Fuel			5.60
0280 Sundry supplies	1,015.00	1,015.00	236.08
0290 Materials	155.00	155.00	154.43
02 Total supplies and materials	8,114.00	7,334.00	5,555.55
Communication service:			
0500 Telegraph service	85.00	85.00	67.78
0510 Telephone service	135.00	135.00	134.70
0520 Other communication service	20.00	20.00	20.10
05 Total communication service	240.00	240.00	222.58
Travel expenses:			
0615 Transportation	5,005.00	5,005.00	3,823.19
0616 Subsistence	3,600.00	3,600.00	3,398.61
06 Total travel expenses	8,605.00	8,605.00	7,221.80
07 Transportation of things (service)	80.00	80.00	179.31
Printing, engraving, and lithographing:			
0820 Stenographic work, typewriting, multigraphing, and mimeographing	25.00	25.00	30.00
0830 Photographing, and making photographs and prints	55.00	55.00	38.84
08 Total printing, engraving, and lithographing	80.00	80.00	68.84
11 Other rents			15.00
12 Repairs and alterations	830.00	830.00	847.90
13 Special and miscellaneous current expenses	2,433.00	2,433.00	3,125.70
Equipment:			
3010 Furniture, furnishings, and fixtures	2,050.00	1,050.00	1,040.64
3020 Educational, scientific, and recreational equipment	380.00	380.00	349.16
3050 Other equipment	120.00	120.00	572.95
30 Total equipment	2,550.00	1,550.00	1,962.75
		106,660.00	104,710.04
Unobligated balance			4,678.96
Reserve		1,780.00	
Total	108,440.00	108,440.00	109,389.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Salaries and Expenses, Bureau of Plant Industry—Continued. For the investigation of diseases of orchard and other fruits, including the diseases of the pecan, [$142,705] (*U. S. C., p. 56, secs. 511, 512; p. 95, secs. 111–114; act Jan. 18, 1927, vol. 44, pp. 985–988*)	$170,000.00	

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 5, $5,200 to $6,000; average, $5,600— Senior scientist	2.5	$5,280	2.5	$5,280	2.5	$5,280
Grade 4, $3,800 to $5,000; average, $4,400— Scientist	5	4,360	4	4,500	4	4,325
Grade 3, $3,000 to $3,600; average, $3,300— Associate scientist	3.5	3,314	3.5	3,314	3.9	3,212
Grade 2, $2,400 to $3,000; average, $2,700— Assistant scientist	2	2,500	1	2,600	0.9	2,611
Grade 1, $1,860 to $2,400; average, $2,111.42— Junior scientist	3	2,133	3	2,133	2.5	2,084
Subprofessional service—						
Grade 5, $1,680 to $2,040; average, $1,860— Scientific aid	1	1,680	1	1,680	0.4	1,680
Grade 4, $1,500 to $1,860; average, $1,680— Assistant scientific aid	1	1,500	1	1,500	1	1,590
Grade 2, $1,140 to $1,500; average, $1,320— Under scientific helper	1	1,260	1	1,260	0.9	1,353
Grade 1, $900 to $1,260; average, $1,080— Minor scientific helper	1	900	1	900	1	960
Clerical, administrative, and fiscal service—						
Grade 5, $1,860 to $2,400; average, $2,111.42— Senior clerk	1	2,200	1	2,200	1	2,100
Grade 3, $1,500 to $1,860; average, $1,680— Assistant clerk	4.5	1,551	4.5	1,551	4	1,530
Grade 2, $1,320 to $1,680; average, $1,500— Junior clerk	1	1,380	1	1,380	1	1,320
Total average number of employees	26.5		24.5		23.1	
Total salaries, departmental service		73,900.00		67,700.00		64,523.33
The difference between 1929 and 1928 is due to increase in force, $6,200.						
Field service:						
Salaries and wages—						
Salary range, $3,800 to $5,000; average, $4,400— Pathologist	3	4,133	3	4,133	3	4,000
Salary range, $3,000 to $3,600; average, $3,300— Associate pathologist	4	3,200	3	3,267	2	3,250
Salary range, $2,400 to $3,000; average, $2,700— Assistant pathologist	5	2,650	4	2,600	4	2,525
Salary range, $1,860 to $2,400; average, $2,111.42— Junior pathologist	2	2,030	1	2,200	1.9	2,261
Senior scientific aid	2	2,080	2	2,080	1	2,200
Salary range, $1,500 to $1,860; average, $1,680— Assistant scientific aid	2	1,500	1	1,500	0.8	1,500
Per diem and other unclassified employees—						
Unskilled laborer	1	1,020	1	1,020	1	1,020
Foreman	1	1,200	1	1,200		
Clerk	2	540	2	540	2	555
Total average number of regular employees	22		18		15.7	
Total salaries, regular employees		52,520.00		43,760.00		38,350.76
Temporary employees at salaries ranging from $480 to $3,600 per year	18		15		17	
Total salaries and wages, temporary employees		8,910.00		7,310.00		6,950.79
Total number of employees	40		33		32.7	
Total salaries and wages, field service		61,430.00		51,070.00		45,301.55
The difference between 1929 and 1928 is due to increase in force, $10,360.						
01 Total personal services		135,330.00		118,770.00		109,824.88
Supplies and materials:						
0200 Stationery and office supplies		850.00		700.00		700.92
0220 Scientific and educational supplies		4,750.00		3,700.00		4,617.63
0230 Fuel		250.00		250.00		281.51
0280 Sundry supplies		550.00		300.00		399.61
0290 Materials		50.00		50.00		79.54
02 Total supplies and materials		6,450.00		5,000.00		6,079.21
04 Subsistence and care of animals		100.00		100.00		90.00
Communication service:						
0500 Telegraph service		165.00		100.00		99.93
0510 Telephone service		485.00		400.00		413.13
0520 Other communication service		25.00		25.00		35.33
05 Total communication service		675.00		525.00		548.39
Travel expenses:						
0615 Transportation		11,400.00		8,100.00		9,426.29
0616 Subsistence		5,200.00		3,200.00		4,535.03
06 Total travel expenses		16,600.00		11,300.00		13,961.32
07 Transportation of things (service)		2,100.00		1,400.00		1,469.70

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Bureau of Plant Industry—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Printing, engraving, and lithographing:			
0820	Stenographic work, typewriting, multigraphing, and mimeographing	$5.00	$5.00	$4.64
0830	Photographing, and making photographs and prints	150.00	150.00	163.15
08	Total printing, engraving, and lithographing	155.00	155.00	167.79
10	Furnishing light, power, water, and electricity	450.00	320.00	317.29
	Rents:			
1100	Rent of buildings and structures	1,617.00	1,117.00	816.00
1110	Other rents	133.00	133.00	127.75
11	Total rents	1,750.00	1,250.00	943.75
12	Repairs and alterations	900.00	800.00	1,894.58
13	Special and miscellaneous current expenses	1,590.00	675.00	1,791.94
	Equipment:			
3010	Furniture, furnishings, and fixtures	800.00	200.00	294.11
3020	Educational, scientific, and recreational equipment	2,600.00	500.00	1,539.89
3050	Other equipment	500.00	500.00	1,456.59
30	Total equipment	3,900.00	1,200.00	3,290.59
	Structures and parts:			
3210	Other structures			1,832.59
3220	Nonstructural improvements			26.40
32	Total structures and parts			1,858.99
			141,495.00	142,238.43
	Unobligated balance			466.57
	Reserve		1,210.00	
	Total	170,000.00	142,705.00	142,705.00

For conducting such investigations of the nature and means of communication of the disease of citrus trees known as citrus canker, and for applying such methods of eradication or control of the disease as in the judgment of the Secretary of Agriculture may be necessary, including the payment of such expenses and the employment of such persons and means, in the city of Washington and elsewhere, and cooperation with such authorities of the States concerned, organizations of growers, or individuals, as he may deem necessary to accomplish such purposes, [$45,000] *$40,000*, and, in the discretion of the Secretary of Agriculture, no expenditures shall be made for these purposes until a sum or sums at least equal to such expenditures shall have been appropriated, subscribed, or contributed by State, county, or local authorities, or by individuals or organizations for the accomplishment of such purposes: *Provided*, That no part of the money herein appropriated shall be used to pay the cost or value of trees or other property injured or destroyed (*U. S. C., p. 56, secs. 511, 512; p. 95, secs. 111–114; act Jan. 18, 1927, vol. 44, pp. 985–988*)..... $40,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
Grade 3, $3,000 to $3,600; average, $3,300—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Associate scientist					0.3	$3,000
Grade 1, $1,860 to $2,400; average, $2,111.42—						
Junior scientist					0.1	2,300
Subprofessional service—						
Grade 7, $2,100 to $2,700; average, $2,400—						
Principal scientific aid	1	$2,500	1	$2,500	0.5	2,400
Grade 6, $1,860 to $2,400; average, $2,111.42—						
Senior scientist					0.5	2,400
Grade 4, $1,500 to $1,860; average, $1,680—						
Assistant scientific aid					0.3	1,800

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Bureau of Plant Industry—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Departmental service—Continued.			
Salaries—Continued.			
Clerical, administrative, and fiscal service—	*Average—*	*Average—*	*Average—*
	No. *Salary*	*No.* *Salary*	*No.* *Salary*
Grade 7, $2,400 to $3,000; average, $2,700—			
Junior administrative assistant	1 $2,600	1 $2,600	1 $2,500
Grade 4, $1,680 to $2,040; average, $1,860—			
Clerk	1 2,040	1 2,040	1 1,920
Grade 3, $1,500 to $1,860; average, $1,680—			
Assistant clerk			0.3 1,500
Total average number of employees	3	3	4
Total salaries, departmental service	7,140.00	7,140.00	8,836.66
Field service:			
Salaries and wages—			
Salary range, $3,000 to $3,600; average, $3,300—			
Associate entomologist			0.1 3,300
Salary range, $1,860 to $2,400; average, $2,111.42—			
Senior scientific aid	1 1,920	1 1,920	0.8 1,920
Per diem and other unclassified employees—			
Agent	49 282	49 282	41.8 313
Collaborating clerk	4 195	4 195	2.7 207
Collaborator	1 300	1 300	
Total average number of regular employees	55	55	45.4
Total salaries, regular employees	16,800.00	16,800.00	15,376.39
Temporary employees at salaries ranging from $180 to $3,600 per year	20	20	26
Total salaries and wages, temporary employees	11,425.00	11,425.00	11,697.74
Total number of employees	75	75	71.4
Total salaries and wages, field service	28,225.00	28,225.00	27,074.13
01 Total personal services	35,365.00	35,365.00	35,910.79
Supplies and materials:			
0200 Stationery and office supplies	50.00	50.00	38.76
0220 Scientific and educational supplies	10.00	10.00	
0230 Fuel	225.00	225.00	205.55
0280 Sundry supplies	10.00	10.00	8.80
02 Total supplies and materials	295.00	295.00	253.11
05 Telegraph service	5.00	5.00	1.49
Travel expenses:			
0615 Transportation	1,400.00	3,500.00	1,850.94
0616 Subsistence	730.00	2,580.00	1,091.46
06 Total travel expenses	2,130.00	6,080.00	2,942.40
07 Transportation of things (service)	20.00	20.00	15.70
08 Stenographic work, typewriting, multigraphing, and mimeographing	10.00	10.00	8.57
10 Furnishing light, power, water, and electricity	15.00	15.00	12.00
11 Other rents	1,000.00	1,000.00	1,000.00
12 Repairs and alterations	150.00	200.00	141.30
13 Special and miscellaneous current expenses	300.00	300.00	275.00
Equipment:			
3010 Furniture, furnishings, and fixtures	210.00	310.00	350.71
3050 Other equipment	500.00	500.00	2,160.08
30 Total equipment	710.00	810.00	2,510.79
32 Nonstructural improvements			125.73
		44,100.00	43,196.88
Unobligated balance			5,433.12
Reserve		900.00	
Total	40,000.00	45,000.00	48,630.00

For the investigation of diseases of forest and ornamental trees and shrubs, including a study of the nature and habits of the parasitic fungi causing the chestnut-tree bark disease, the white-pine blister rust, and other epidemic tree diseases, for the purpose of discovering new methods of control and applying methods of eradication or control already discovered [$140,000, of which sum not more than $10,000 may be expended for the employment of pathologists in connection with forest experiment stations] (*U. S. C., p. 56, secs. 511, 512; p. 95, secs. 111–114; act Jan. 18, 1927, vol. 44, pp. 985–988*) $150,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Bureau of Plant Industry—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 5, $5,200 to $6,000; average, $5,600—						
Senior scientist	2	$5,200	2	$5,200	1.2	$5,200
Grade 4, $3,800 to $5,000; average, $4,400—						
Scientist	2	4,200	2	4,200	2	4,150
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate scientist	1	3,400	1	3,400	1	3,200
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant scientist	1	2,500	1	2,500	1	2,433
Grade 1, $1,860 to $2,400; average, $2,111.42—						
Junior scientist	2	1,890	2	1,890	2	2,045
Subprofessional service—						
Grade 4, $1,500 to $1,860; average, $1,680—						
Assistant scientific aid	1	1,680	1	1,680	1	1,620
Grade 1, $900 to $1,260; average, $1,080—						
Minor scientific helper	1	1,020	1	1,020	1	990
Clerical, administrative, and fiscal service—						
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	2	2,200	2	2,200	2.1	2,093
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	1	1,800	1	1,800	1	1,740
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	3	1,500	3	1,500	2.2	1,500
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	1	1,140	1	1,140	1.1	1,140
Custodial service—						
Grade 2, $780 to $1,020; average, $900—						
Junior laborer (charwoman)	1	376	1	376	1	376
Total average number of employees	18		18		16.6	
Total salaries, departmental service		43,396.00		43,396.00		37,856.45
Field service:						
Salaries and wages—						
Salary range, $3,800 to $5,000; average, $4,400—						
Pathologist	5.7	4,237	5.7	4,237	5.8	4,092
Salary range, $3,000 to $3,600; average, $3,300—						
Associate pathologist	3	3,000	1	3,000	1	3,000
Salary range, $2,400 to $3,000; average, $2,700—						
Assistant pathologist	7	2,643	7	2,643	5.3	2,613
Salary range, $1,860 to $2,400; average, $2,111.42—						
Junior pathologist	2	1,930	2	1,930	1.2	1,860
Salary range, $1,680 to $2,040; average, $1,860—						
Clerk	1	1,740	1	1,740	1	1,710
Salary range, $1,500 to $1,860; average, $1,680—						
Assistant clerk	1	1,500	1	1,500	0.3	1,500
Salary range, $1,320 to $1,680; average, $1,500—						
Gardener					0.2	1,620
Junior scientific aid	1	1,380	1	1,380	0.3	1,380
Junior clerk	1	1,320	1	1,320	1.8	1,320
Per diem and other unclassified employees—						
Specialist	1	600	1	600	1	600
Agent	1	2,400	1	2,400	0.3	2,400
Laborer	1	1,080	1	1,080		
Total average number of regular employees	24.7		22.7		17.9	
Total salaries, regular employees		65,530.00		59,530.00		48,899.67
Temporary employees at salaries ranging from $600 to $2,400 per year	16		13		22	
Total salaries and wages, temporary employees		6,970.00		5,170.00		11,548.40
Total number of employees	40.7		35.7		39.9	
Total salaries and wages, field service		72,500.00		64,700.00		60,448.07
The difference between 1929 and 1928 is due to increase in force, $7,800.						
01 Total personal services		115,896.00		108,096.00		98,304.52
Supplies and materials:						
0200 Stationery and office supplies		1,015.00		1,015.00		788.33
0220 Scientific and educational supplies		1,011.00		1,011.00		1,199.17
0230 Fuel						5.00
0280 Sundry supplies		1,252.00		1,252.00		269.98
0290 Materials		45.00		45.00		
02 Total supplies and materials		3,323.00		3,323.00		2,262.48
Communication service:						
0500 Telegraph service		281.00		281.00		146.60
0510 Telephone service		192.00		192.00		116.39
0520 Other communication service		32.00		32.00		32.49
05 Total communication service		505.00		505.00		295.48
Travel expenses:						
0615 Transportation		13,351.00		12,151.00		7,062.66
0616 Subsistence		13,724.00		12,724.00		7,672.78
06 Total travel expenses		27,075.00		24,875.00		14,735.44
07 Transportation of things (service)		1,043.00		1,043.00		364.85

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Bureau of Plant Industry—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures 1928 appropriation	Expended and obligated, 1927
Printing, engraving, and lithographing:			
0820 Stenographic work, typewriting, multigraphing, and mimeographing			$22.27
0830 Photographing, and making photographs and prints	$91.00	$91.00	81.33
08 Total printing, engraving, and lithographing	91.00	91.00	103.60
11 Other rents			48.25
12 Repairs and alterations	337.00	337.00	282.39
13 Special and miscellaneous current expenses	513.00	513.00	556.34
Equipment:			
3010 Furniture, furnishings, and fixtures	524.00	524.00	612.06
3020 Educational, scientific, and recreational equipment	474.00	474.00	1,014.47
3050 Other equipment	219.00	219.00	367.72
30 Total equipment	1,217.00	1,217.00	1,994.25
		140,000.00	118,947.60
Unobligated balance			307.40
Total	150,000.00	140,000.00	119,255.00

For applying such methods of eradication or control of the white-pine blister rust as in the judgment of the Secretary of Agriculture may be necessary, including the payment of such expenses and the employment of such persons and means in the city of Washington and elsewhere, in cooperation with such authorities of the States concerned, organizations, or individuals as he may deem necessary to accomplish such purposes, and in the discretion of the Secretary of Agriculture no expenditures shall be made for these purposes until a sum or sums at least equal to such expenditures shall have been appropriated, subscribed, or contributed by States, county or local authorities, or by individuals or organizations for the accomplishment of such purposes, [$471,520] *$440,000*: *Provided*, That no part of this appropriation shall be used to pay the cost or value of trees or other property injured or destroyed (*U. S. C., p. 56, secs. 511, 512; p. 95, secs. 111–114; act Jan. 18, 1927, vol. 44, pp. 985–988*) $440,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 5, $5,200 to $6,000; average, $5,600—						
Senior scientist	1	$5,400	1	$5,400	1	$5,200
Grade 4, $3,800 to $5,000; average, $4,400—						
Scientist	2.3	4,152	2.3	4,152	2	4,100
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate scientist	1	3,300	1	3,300	1.1	3,136
Subprofessional service—						
Grade 5, $1,680 to $2,040; average, $1,860—						
Scientific illustrater	1	1,680	1	1,680		
Grade 4, $1,500 to $1,860; average, $1,680—						
Junior library assistant					0.4	1,500
Assistant scientific aid	0.7	1,500	0.7	1,500		
Clerical, administrative, and fiscal service—						
Grade 8, $2,700 to $3,300; average, $3,000—						
Agricultural writer					0.4	2,700
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	1	2,300	1	2,300	1	2,250
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	2	1,770	2	1,770	1.2	1,771
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	8	1,568	8	1,568	7.3	1,572
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk					0.6	1,339
Custodial service—						
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger	1	1,080	1	1,080	1	1,050
Grade 2, $900 to $1,140; average, $1,020—						
Assistant messenger	2	900	2	900	1	900
Grade 1, $600 to $780; average, $690—						
Junior messenger					0.9	600
Total average number of employees	20		20		17.9	
Total salaries, departmental service		42,190.00		42,190.00		37,069.82

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Bureau of Plant Industry—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Field service:			
Salaries and wages—	*Average—*	*Average—*	*Average—*
Salary range, $3,800 to $5,000; average, $4,400—	*No.* *Salary*	*No.* *Salary*	*No.* *Salary*
Pathologist	2.3 $3,848	2.3 $3,848	1.2 $3,900
Salary range, $3,000 to $3,600; average, $3,300—			
Associate pathologist	3 3,000	4 3,075	3 3,267
Salary range, $2,400 to $3,000; average, $2,700—			
Assistant pathologist	9 2,711	9 2,711	9.3 2,705
Salary range, $2,100 to $2,700; average, $2,400—			
Principal clerk	1 2,500	1 2,500	1 2,450
Salary range, $1,860 to $2,400; average, $2,111 42—			
Junior forester	9 1,936	9 1,936	5.5 1,933
Senior scientific aid	1 1,920	1 1,920	1 1,920
Salary range, $1,680 to $2,040; average, $1,860—			
Clerk	1 1,920	1 1,920	0.7 1,920
Salary range, $1,500 to $1,860; average, $1,680—			
Assistant clerk	1 1,680	1 1,680	1 1,620
Salary range, $1,140 to $1,500; average, $1,320—			
Underclerk	2 1,140	2 1,140	1 1,140
Per diem and other unclassified employees—			
Agent	53 1,950	54 1,964	44.6 1,990
Collaborating clerk	3 320	3 320	2.9 327
Total average number of regular employees	85.3	87.3	71.2
Total salaries, regular employees	174,270.00	180,270.00	148,237.84
Temporary employees at salaries ranging from $600 to $3,240 per year	259	246	151
Total salaries and wages, temporary employees	65,980.00	60,470.00	40,002.40
Total number of employees	344.3	333.3	222.2
Total salaries and wages, field service	240,250.00	240,740.00	188,240.24
The difference between 1929 and 1928 is due to—			
Decrease in regular force incident to transfer to Federal Horticultural Board $6,000			
Increase in temporary force as result of such transfer 5,510			
Net decrease 490			
01 Total personal services	282,440.00	282,930.00	225,310.06
Supplies and materials:			
0200 Stationery and office supplies	3,000.00	3,000.00	2,791.63
0210 Medical and hospital supplies			14.50
0220 Scientific and educational supplies	900.00	900.00	682.98
0230 Fuel			29.31
0280 Sundry supplies	425.00	425.00	399.78
0290 Materials	225.00	225.00	201.55
02 Total supplies and materials	4,550.00	4,550.00	4,119.75
Communication service:			
0500 Telegraph service	800.00	800.00	783.24
0510 Telephone service	1,480.00	1,480.00	1,412.06
0520 Other communication service	20.00	20.00	17.95
05 Total communication service	2,300.00	2,300.00	2,213.25
Travel expenses:			
0615 Transportation	77,079.00	74,901.00	59,010.81
0616 Subsistence	61,558.00	59,376.00	42,013.37
06 Total travel expenses	138,637.00	134,277.00	101,024.18
07 Transportation of things (service)	2,000.00	2,000.00	1,711.37
Printing, engraving, and lithographing:			
0820 Stenographic work, typewriting, multigraphing, and mimeographing	250.00	250.00	213.04
0830 Photographing, and making photographs and prints	550.00	550.00	542.76
08 Total printing, engraving, and lithographing	800.00	800.00	755.80
Rents:			
1100 Rent of buildings and structures	2,968.00	2,828.00	1,844.80
1110 Other rents	50.00	50.00	50.00
11 Total rents	3,018.00	2,878.00	1,894.80
12 Repairs and alterations	425.00	425.00	417.14
13 Special and miscellaneous current expenses	430.00	430.00	428.18
Equipment:			
3010 Furniture, furnishings, and fixtures	3,000.00	3,000.00	2,951.82
3020 Educational, scientific, and recreational equipment	400.00	400.00	367.38
3050 Other equipment	2,000.00	2,200.00	2,867.54
30 Total equipment	5,400.00	5,600.00	6,186.74
Unobligated balance		436,190.00	344,061.27
Reserve		8,830.00	2,504.73
Total	440,000.00	445,020.00	346,566.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Salaries and Expenses, Bureau of Plant Industry—Continued. For the investigation of diseases of cotton, potatoes, truck crops, forage crops, drug and related plants, [$167,570, of which $7,500 shall be immediately available for investigations relating to the root-rot of cotton] (*U. S. C., p. 56, secs. 511, 512; p. 95, secs. 111–114; act Jan. 18, 1927, vol. 44, pp. 985–988*)	$200,000.00	

	Estimated expenditure 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 6, $6,000 to $7,500; average, $6,750— Associate chief	0.2	$6,000	0.2	$6,000		
Grade 5, $5,200 to $6,000; average, $5,600— Senior scientist	1	5,200	1	5,200	0.7	$5,200
Grade 4, $3,800 to $5,000; average, $4,400— Scientist	11	4,000	6	4,167	3.7	4,279
Grade 3, $3,000 to $3,600; average, $3,300— Associate scientist	3	3,400	3	3,400	3.3	3,394
Grade 2, $2,400 to $3,000; average, $2,700— Assistant scientist	1	2,900	1	2,900	1.5	2,600
Grade 1, $1,860 to $2,400; average, $2,111.42— Junior scientist	1	1,920	1	1,920	1	2,160
Subprofessional service—						
Grade 5, $1,680 to $2,040; average, $1,860— Scientific aid	4	1,740	1	1,920	1	1,920
Grade 4, $1,500 to $1,860; average, $1,680— Assistant scientific aid	2	1,500	2	1,500	1.2	1,681
Grade 1, $900 to $1,260; average, $1,080— Minor scientific helper	1	1,080	1	1,080	1	1,080
Clerical, administrative, and fiscal service—						
Grade 6, $2,100 to $2,700; average, $2,400— Principal clerk	1	2,600	1	2,600	1	2,600
Grade 5, $1,860 to $2,400; average, $2,111.42— Senior clerk	1	1,920	1	1,920	1	1,880
Grade 3, $1,500 to $1,860; average, $1,680— Assistant clerk	2.3	1,500	2.3	1,500	2.4	1,500
Grade 2, $1,320 to $1,680; average, $1,500— Junior clerk	2	1,380	2	1,380	1.5	1,361
Grade 1, $1,140 to $1,500; average, $1,320— Underclerk	1	1,140	1	1,140	0.1	1,140
Custodial service—						
Grade 2, $900 to $1,140; average, $1,020— Assistant messenger					0.9	1,128
Grade 1, $600 to $780; average, $690— Junior messenger					0.3	600
Total average number of employees	31.5		23.5		20.6	
Total salaries, departmental service		88,180.00		64,140.00		53,156.88
The difference between 1929 and 1928 is due to increase in force, $24,040.						
Field service:						
Salaries and wages—						
Salary range, $3,800 to $5,000; average, $4,400— Pathologist	7.9	3,975	7.9	3,975	5.8	3,866
Salary range, $3,000 to $3,600; average, $3,300— Associate pathologist	2	3,450	2	3,450	3	3,367
Salary range, $2,400 to $3,000; average, $2,700— Assistant pathologist	3	2,433	3	2,433	1.9	2,444
Salary range, $1,860 to $2,400; average, $2,111.42— Junior pathologist	1	2,100	1	2,100	1	1,980
Salary range, $1,680 to $2,040; average, $1,860— Scientific aid	1	1,980	1	1,980	1	1,980
Salary range, $1,500 to $1,860; average, $1,680— Assistant scientific aid	2	1,500	2	1,500	1.1	1,500
Assistant clerk					0.3	1,620
Salary range, $1,320 to $1,680; average, $1,500— Junior scientific aid					0.2	1,320
Per diem and other unclassified employees (agent)	3	1,333	3	1,333	4	1,120
Total average number of regular employees	19.9		19.9		18.3	
Total salaries, regular employees		56,680.00		56,680.00		47,797.08
Temporary employees at salaries ranging from $180 to $2,400 per year	28		28		32	
Total salaries and wages, temporary employees		14,045.00		14,045.00		11,136.41
Total number of employees	47.9		47.9		50.3	
Total salaries and wages, field service		70,725.00		70,725.00		58,933.49
01 Total personal services		158,905.00		134,865.00		112,090.37
Supplies and materials:						
0200 Stationery and office supplies		2,015.00		1,400.00		1,459.29
0220 Scientific and educational supplies		4,250.00		3,600.00		4,428.52
0230 Fuel		35.00		35.00		34.50
0250 Forage		70.00		70.00		73.41
0280 Sundry supplies		1,785.00		900.00		914.01
0290 Materials		190.00		100.00		216.37
02 Total supplies and materials		8,345.00		6,105.00		7,126.10
04 Subsistence and care of animals						47.31

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Bureau of Plant Industry—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Communication service:			
0500	Telegraph service	$110.00	$110.00	$87.15
0510	Telephone service	275.00	275.00	272.90
0520	Other communication service	20.00	20.00	14.20
05	Total communication service	405.00	405.00	374.25
	Travel expenses:			
0615	Transportation	11,520.00	8,521.00	9,703.18
0616	Subsistence	7,250.00	5,832.00	5,765.85
06	Total travel expenses	18,770.00	14,353.00	15,469.03
07	Transportation of things (service)	1,650.00	1,000.00	1,219.55
	Printing, engraving, and lithographing:			
0810	Lithographing, engraving, and engrossing			1.25
0820	Stenographic work, typewriting, multigraphing, and mimeographing	50.00	25.00	10.88
0830	Photographing and making photographs and prints	175.00	155.00	159.59
08	Total printing, engraving, and lithographing	225.00	180.00	171.72
10	Furnishing light, power, water, and electricity	700.00	630.00	764.20
	Rents:			
1100	Rent of buildings and structures	1,020.00	1,020.00	480.00
1110	Other rents			31.50
11	Total rents	1,020.00	1,020.00	511.50
12	Repairs and alterations	1,750.00	1,000.00	1,347.52
13	Special and miscellaneous current expenses	3,560.00	2,750.00	3,340.29
	Equipment:			
3010	Furniture, furnishings, and fixtures	470.00	230.00	91.65
3020	Educational, scientific, and recreational equipment	2,125.00	1,252.00	1,241.26
3050	Other equipment	2,075.00	500.00	962.74
30	Total equipment	4,670.00	1,982.00	2,295.65
32	Structures			3.05
			164,290.00	144,760.54
	Unobligated balance			4,809.46
	Reserve		3,280.00	
	Total	200,000.00	167,570.00	149,570.00

For investigating the physiology of crop plants and for testing and breeding varieties thereof (*U. S. C., p. 56, secs. 511, 512; p. 95, secs. 111–114; act Jan. 18, 1927, vol. 44, pp. 985, 988*) $80,160.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
Grade 5, $5,200 to $6,000; average, $5,600—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Senior scientist	1	$5,600	1	$5,600	1	$5,400
Grade 4, $3,800 to $5,000; average, $4,400—						
Scientist	0.8	5,000	0.8	5,000	0.8	5,000
Subprofessional service—						
Grade 2, $1,140 to $1,500; average, $1,320—						
Underscientific helper	1	1,260	1	1,260	1	1,260
Clerical, administrative, and fiscal service—						
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	1	2,600	1	2,600	1	2,600
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	1	1,860	1	1,860	1	2,200
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant photographer	1	1,860	1	1,860	1	1,860
Assistant clerk	1	1,860	1	1,860	1.7	1,682
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	1	1,320	1	1,320	1	1,200
Custodial service—						
Grade 3, $1,020 to $1,260; average, $1,140—						
Watchman	0.3	1,200	0.3	1,200		
Total average number of employees	8.1		8.1		8.5	
Total salaries, departmental service		20,510.00		20,510.00		21,130.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Bureau of Plant Industry—Continued.

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
		Average—		*Average—*		*Average—*	
		No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Field service:						
	Salaries and wages—						
	Salary range, $3,800 to $5,000; average, $4,400—						
	Horticulturist	1	$4,000	1	$4,000	1	$4,000
	Agriculturist	1	3,800	1	3,800	1	3,800
	Salary range, $3,000 to $3,600; average, $3,300—						
	Associate entomologist					0.1	3,300
	Associate horticulturist	1	3,200	1	3,200	0.8	3,200
	Associate physiologist	1	3,000	1	3,000	1	3,000
	Salary range, $2,400 to $3,000; average, $2,700—						
	Assistant plant breeder	1	2,700	1	2,700	0.9	2,700
	Assistant horticulturist	1	2,400	1	2,400	1	2,400
	Salary range, $2,100 to $2,700; average, $2,400—						
	Translator	1	2,300	1	2,300	1	2,250
	Salary range, $1,680 to $2,040; average, $1,860—						
	Clerk					0.3	1,800
	Salary range, $1,500 to $1,860; average, $1,680—						
	Assistant clerk					0.3	1,500
	Salary range, $1,320 to $1,680; average, $1,500—						
	Junior scientific aid	1	1,680	1	1,680	0.6	1,680
	Per diem and other unclassified employees—						
	Unskilled laborer	4	1,198	4	1,198	2.1	1,432
	Agent	1	1,080	1	1,080	1	1,080
	Total average number of regular employees	13		13		11.1	
	Total salaries, regular employees		28,952.00		28,952.00		26,978.53
	Temporary employees at salaries ranging from $300 to $1,800 per year	10		10		10	
	Total salaries and wages, temporary employees		4,590.00		4,590.00		4,778.79
	Total number of employees	23		23		21.1	
	Total salaries and wages, field service		33,542.00		33,542.00		31,757.32
	Deduct allowance value of quarters		760.00		760.00		595.00
	Net salaries and wages, field service		32,782.00		32,782.00		31,162.32
01	Total personal services		53,292.00		53,292.00		52,292.32
	Supplies and materials:						
0200	Stationery and office supplies		1,000.00		1,000.00		1,006.71
0220	Scientific and educational supplies		2,500.00		2,500.00		2,520.37
0230	Fuel		250.00		250.00		145.22
0250	Forage		50.00		50.00		
0280	Sundry supplies		800.00		800.00		827.75
0290	Materials		3,000.00		3,000.00		3,210.47
02	Total supplies and materials		7,600.00		7,600.00		7,710.50
	Communication service:						
0500	Telegraph service		125.00		125.00		84.77
0510	Telephone service		175.00		175.00		169.94
0520	Other communication service						44.63
05	Total communication service		300.00		300.00		299.34
	Travel expenses:						
0615	Transportation		6,200.00		5,500.00		6,229.80
0616	Subsistence		4,340.00		3,600.00		4,435.62
06	Total travel expenses		10,540.00		9,100.00		10,665.42
07	Transportation of things (service)		1,500.00		1,500.00		1,562.35
	Printing, engraving, and lithographing:						
0820	Stenographic work, typewriting, multigraphing and mimeographing		50.00		50.00		2.45
0830	Photographing, and making photographs and prints		100.00		100.00		141.29
08	Total printing, engraving, and lithographing		150.00		150.00		143.74
10	Furnishing light, power, water, and electricity		1,500.00		1,500.00		1,453.65
	Rents:						
1100	Rent of buildings and structures		120.00		120.00		120.00
1110	Other rents		149.50		149.50		149.50
11	Total rents		269.50		269.50		269.50
12	Repairs and alterations		500.00		500.00		483.80
13	Special and miscellaneous current expenses		1,908.50		1,908.50		2,564.01
	Equipment:						
3010	Furniture, furnishings, and fixtures		300.00		300.00		339.78
3020	Educational, scientific, and recreational equipment		800.00		800.00		813.47
3050	Other equipment		700.00		700.00		364.98
30	Total equipment		1,800.00		1,800.00		1,518.23

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Bureau of Plant Industry—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Structures and parts:			
3210 Other structures	$400.00	$400.00	
3220 Nonstructural improvements	400.00	400.00	$400.00
32 Total structures and parts	800.00	800.00	400.00
Unobligated balance		78,720.00	79,362.92
Reserve		1,440.00	1,297.08
Total	80,160.00	80,160.00	80,660.00

For plant nutrition investigations, [$16,780] (*U. S. C., p. 56, secs. 511, 512; p. 95, secs. 111–114; act Jan. 18, 1927, vol. 44, pp. 985–988*) ... $26,780.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 5, $5,200 to $6,000; average, $5,600— Senior scientist	0.3	$5,600	0.3	$5,600	0.3	$5,400
Grade 4, $3,800 to $5,000; average, $4,400— Scientist	1	4,000	1	4,000	1	4,000
Grade 3, $3,000 to $3,600; average, $3,300— Associate scientist	2.5	3,040	1.5	3,067	0.7	3,100
Grade 2, $2,400 to $3,000; average, $2,700— Assistant scientist	1	2,600	1	2,600	1.8	2,639
Total average number of employees	4.8		3.8		3.8	
Total salaries, departmental service		15,600		12,600		12,450
The difference between 1929 and 1928 is due to increase in force, $3,000.						
Field service:						
Salaries and wages—						
Salary range, $2,400 to $3,000; average, $2,700— Assistant agronomist	1	2,400				
Salary range, $1,680 to $2,040; average, $1,860— Scientific aid	1	1,860	1	1,860	1	1,830
Total average number of regular employees	2		1		1	
Total salaries, regular employees		4,260.00		1,860.00		1,830.00
Temporary employees at salaries ranging from $313 to $1,252 per year	2		1		2	
Total salaries and wages, temporary employees		1,100.00		500.00		729.22
Total number of employees	4		2		3	
Total salaries and wages, field service		5,360.00		2,360.00		2,559.22
01 Total personal services		20,960.00		14,960.00		15,009.22
Supplies and materials:						
0220 Scientific and educational supplies		730.00		130.00		132.70
0280 Sundry supplies		20.00		20.00		20.60
02 Total supplies and materials		750.00		150.00		153.30
Communication service:						
0500 Telegraph service		5.00		5.00		5.00
0510 Telephone service		5.00		5.00		5.00
05 Total communication service		10.00		10.00		10.00
06 Transportation		625.00		625.00		623.88
10 Furnishing light, power, water, and electricity		213.00		13.00		12.78
12 Repairs and alterations		8.00		8.00		7.55
13 Special and miscellaneous current expenses		325.00		325.00		322.20
Equipment:						
3000 Passenger-carrying vehicles						100.00
3020 Educational, scientific, and recreational equipment		3,889.00		349.00		95.58
30 Total equipment		3,889.00		349.00		195.58
Unobligated balance				16,440.00		16,334.51
Reserve				340.00		445.49
Total		26,780.00		16,780.00		16,780.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Salaries and Expenses, Bureau of Plant Industry—Continued. For acclimatization and adaptation investigations of cotton, corn, and other crops introduced from tropical regions, and for the improvement of cotton and other fiber plants by cultural methods, breeding, and selection, and for determining the feasibility of increasing the production of hard fibers outside of the continental United States, [$200,800] *$300,000: Provided*, That not more than $7,500 of this sum may be used for experiments in cottonseed interbreeding: *Provided further*, That of this sum [$50,000] *$130,000* may be used for explorations, research, and field experiments relating to potential rubber-producing plants (*U. S. C., p. 56, secs. 511, 512; p. 95, secs. 111–114; act Jan. 18, 1927, vol. 44, pp. 985–988*)	$300,000.00	

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average— No.	*Salary*	*Average—* No.	*Salary*	*Average—* No.	*Salary*
Departmental service:						
Salaries—						
Professional and scientific service—						
Grade 5, $5,200 to $6,000; average, $5,600—						
Senior scientist	1	$5,400	1	$5,400	1	$5,200
Grade 4, $3,800 to $5,000; average, $4,400—						
Scientist	5	4,200	3	4,467	3	4,267
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate scientist	1	3,000				
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant scientist	2	2,400				
Subprofessional service—						
Grade 8, $2,400 to $3,000; average, $2,700—						
Chief scientific aid	1	2,900	1	2,900	1	2,900
Grade 6, $1,860 to $2,400; average, $2,111.42—						
Senior scientific aid	1	2,100	1	2,100	1.9	2,070
Grade 4, $1,500 to $1,860; average, $1,680—						
Assistant scientific aid	1	1,620	1	1,620	1	1,560
Clerical, administrative, and fiscal service—						
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	1	2,600	1	2,600	1	2,600
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	2	1,860	2	1,860	0.6	1,860
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	1	1,800	1	1,800	1	1,735
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	3	1,560	3	1,560	3.6	1,567
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	2	1,350	2	1,350	2.3	1,320
Grade 1, $1,140 to $1,500; average, $1,320—						
Underoperative	1	1,440	1	1,440	1	1,440
Custodial service—						
Grade 2, $900 to $1,140; average, $1,020—						
Assistant messenger	1	900	1	900	0.6	900
Total average number of employees	23		18		18	
Total salaries, departmental service		58,660		43,260		42,430
The difference between 1929 and 1928 is due to increase in force, $15,400.						
Field service:						
Salaries and wages—						
Salary range, $5,200 to $6,000; average, $5,600—						
Senior technologist	1	5,200				
Salary range, $3,800 to $5,000; average, $4,400—						
Technologist	2	3,900	1	4,000	1	3,900
Salary range, $3,000 to $3,600; average, $3,300						
Associate agronomist	2	3,500	2	3,500	2	3,500
Associate technologist	2	3,100	1	3,200	1	3,150
Associate horticulturist	1	3,000	1	3,000	1.3	3,077
Salary range, $2,400 to $3,000; average, $2,700—						
Assistant agronomist	6	2,700	5	2,760	4.4	2,701
Assistant physiologist	1	2,700	1	2,700	1	2,700
Assistant botanist	1	2,400				
Chief scientific aid	1	2,800	1	2,800	1	2,800
Assistant pathologist	2	2,400	1	2,400	1	2,400
Assistant plant breeder	1	2,400				
Salary range, $2,100 to $2,700; average, $2,400—						
Principal scientific aid	1	2,100	1	2,100	2	2,289
Salary range, $1,860 to $2,400; average, $2,111.42—						
Junior agronomist	2	2,130	2	2,130	1.3	2,172
Junior plant breeder	1	2,200	1	2,200	1	2,000
Senior scientific aid	4	2,140	4	2,140	3.2	2,141
Salary range, $1,500 to $1,860; average, $1,680—						
Assistant scientific aid	7	1,714	7	1,714	6.1	1,634
Per diem and other unclassified employees—						
Agents	3.3	2,058	3.3	2,058	3	1,920
Unskilled laborers	25	1,091	25	1,091	22.3	730
Total average number of regular employees	63.3		56.3		51.6	
Total salaries, regular employees		123,685.00		102,085.00		86,097.50
Temporary employees at salaries ranging from $480 to $1,500 per year	19		17		29	
Total salaries and wages, temporary employees		11,970.00		8,370.00		11,634.80
Total number of employees	82.3		73.3		80.6	
Total salaries and wages, field service		135,655.00		110,455.00		97,732.30
Deduct allowance value of quarters		5,400.00		5,400.00		4,950.00
Net salaries and wages, field service		130,255.00		105,055.00		92,782.30
The difference between 1929 and 1928 is due to increase in force, $25,200.						
01 Total personal services		188,915.00		148,315.00		135,212.30

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Bureau of Plant Industry—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Supplies and materials:			
0200	Stationery and office supplies	$2,700.00	$1,900.00	$1,912.35
0210	Medical and hospital supplies			1.20
0220	Scientific and educational supplies	4,100.00	1,500.00	1,466.35
0230	Fuel	550.00	550.00	550.76
0250	Forage	250.00	250.00	266.27
0280	Sundry supplies	3,550.00	1,850.00	1,692.08
0290	Materials	1,770.00	470.00	482.25
02	Total supplies and materials	12,920.00	6,520.00	6,371.26
	Communication service:			
0500	Telegraph service	425.00	275.00	225.97
0510	Telephone service	700.00	575.00	574.29
0520	Other communication service	50.00	25.00	22.15
05	Total communication service	1,175.00	875.00	822.41
	Travel expenses:			
0615	Transportation	28,600.00	12,600.00	12,764.45
0616	Subsistence	21,200.00	7,700.00	7,785.19
06	Total travel expenses	49,800.00	20,300.00	20,549.64
07	Transportation of things (service)	2,500.00	2,200.00	2,206.32
	Printing, engraving, and lithographing:			
0820	Stenographic work, typewriting, multigraphing, and mimeographing	45.00	45.00	43.11
0830	Photographing and making photographs and prints	105.00	105.00	104.38
08	Total printing, engraving, and lithographing	150.00	150.00	147.49
10	Furnishing light, power, water, and electricity	1,650.00	1,650.00	1,646.50
11	Other rents	15.00	15.00	15.00
12	Repairs and alterations	9,620.00	1,200.00	9,276.39
13	Special and miscellaneous current expenses	17,905.00	11,055.00	10,774.88
	Equipment:			
3010	Furniture, furnishings, and fixtures	2,000.00	1,700.00	1,615.96
3020	Educational, scientific, and recreational equipment	3,250.00	250.00	247.70
3040	Livestock	200.00		
3050	Other equipment	2,850.00	1,100.00	1,179.21
30	Total equipment	8,300.00	3,050.00	3,042.87
	Structures and parts:			
3210	Other structures	4,500.00	1,500.00	5,885.45
3220	Nonstructural improvements	2,550.00	50.00	37.50
32	Total structures and parts	7,050.00	1,550.00	5,922.95
			196,880.00	195,988.01
	Unobligated balance			3,811.99
	Reserve		3,920.00	
	Total	300,000.00	200,800.00	199,800.00

For the investigation, testing, and improvement of plants yielding drugs, spices, poisons, oils, and related products and by-products, and for general physiological and fermentation investigations (*U. S. C., p. 56, secs. 511,512; p. 95, secs. 111–114; act Jan. 18, 1927, vol. 44, pp. 985–988*)..... $58,200.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
Grade 5, $5,200 to $6,000; average, $5,600—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Senior scientist	0.8	$5,200	0.8	$5,200	0.2	$5,200
Grade 4, $3,800 to $5,000; average, $4,400— Scientist	2.5	3,800	2.5	3,800	2	3,800
Grade 3, $3,000 to $3,600; average, $3,300— Associate scientist	6	3,167	6	3,167	4.1	3,146
Grade 2, $2,400 to $3,000; average, $2,700— Assistant scientist	1	2,700	1	2,700	1.7	2,859
Grade 1, $1,860 to $2,400; average, $2,111.42— Junior scientist	2	2,150	2	2,150	1.4	2,125
Subprofessional service—						
Grade 6, $1,860 to $2,400; average, $2,111.42— Senior scientific aid					0.6	1,860
Grade 3, $1,320 to $1,680; average, $1,500— Junior scientific aid	1	1,320	1	1,320	0.9	1,320
Grade 1, $900 to $1,260; average, $1,080— Minor scientific helper	2	900	2	900	2	900

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Bureau of Plant Industry—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service—Continued.						
Salaries—Continued.						
Clerical, administrative, and fiscal service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk					0.5	$2,300
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	1	$1,860	1	$1,860	1	1,860
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	2	1,680	2	1,680	3	1,590
Custodial service—						
Grade 1, $600 to $780; average, $690—						
Junior messenger	1	600	1	600	1	600
Total average number of employees	19.3		19.3		18.4	
Total salaries, departmental service		48,501.00		48,501.00		41,891.63
Field service:						
Salaries and wages—						
Salary range, $1,500 to $1,860; average, $1,680—						
Assistant scientific aid					0.3	1,560
Total average number of regular employees					0.3	
Total salaries and wages, regular employees						390.00
Temporary employees at salaries ranging from $180 to $5,200 per year	7		12		12	
Total salaries and wages, temporary employees		2,700.00		2,926.00		2,364.56
Total number of employees	7		12		12.3	
Total salaries and wages, field service		2,700.00		2,926.00		2,754.56
The difference between 1929 and 1928 is due to decrease in force, $226.						
01 Total personal services		51,201.00		51,427.00		44,646.19
Supplies and materials:						
0200 Stationery and office supplies		350.00		350.00		467.69
0210 Medical and hospital supplies						7.31
0220 Scientific and educational supplies		625.00		425.00		800.52
0230 Fuel		20.00		20.00		10.91
0280 Sundry supplies		275.00		175.00		188.55
0290 Materials		150.00		150.00		
02 Total supplies and materials		1,420.00		1,120.00		1,474.98
04 Subsistence and care of animals		15.00		15.00		
Communication service:						
0500 Telegraph service		40.00		40.00		31.58
0510 Telephone service		84.00		84.00		87.57
05 Total communication service		124.00		124.00		119.15
Travel expenses:						
0615 Transportation		2,000.00		2,335.00		2,572.91
0616 Subsistence		1,245.00		1,245.00		1,518.71
06 Total travel expenses		3,245.00		3,580.00		4,091.62
07 Transportation of things (service)		200.00		200.00		211.56
Printing, engraving, and lithographing:						
0820 Stenographic work, typewriting, multigraphing, and mimeographing		20.00		20.00		3.29
0830 Photographing, and making photographs and prints		40.00		40.00		18.24
08 Total printing, engraving, and lithographing		60.00		60.00		21.53
12 Repairs and alterations		183.00		110.00		121.59
13 Special and miscellaneous current expenses		312.00		234.00		399.84
Equipment:						
3010 Furniture, furnishings, and fixtures		250.00		50.00		65.61
3020 Educational, scientific, and recreational equipment		890.00		150.00		1,276.59
3050 Other equipment		300.00		200.00		456.20
30 Total equipment		1,440.00		400.00		1,798.40
				57,270.00		52,884.86
Unobligated balance						8,156.31
Reserve				930.00		
Total		58,200.00		58,200.00		61,041.17

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Salaries and Expenses, Bureau of Plant Industry—Continued. For crop technological investigations, including the study of plant-infesting nematodes (*U. S. C., p. 56, secs. 511, 512; p. 95, secs. 111–114; act Jan. 18, 1927, vol. 44, pp. 985–988*)	$54,340.00	

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
Grade 5, $5,200 to $6,000; average, $5,600—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Senior scientist	1	$5,200	1	$5,200	1	$5,200
Grade 4, $3,800 to $5,000; average, $4,400—						
Scientist	1	4,000	1	4,000	1	3,800
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant scientist	1	2,900	1	2,900	1	2,800
Grade 1, $1,860 to $2,400; average, $2,111.42—						
Junior scientist	4	1,875	4	1,875	3.4	1,896
Subprofessional service—						
Grade 6, $1,860 to $2,400; average, $2,111.42—						
Senior laboratory mechanic	2	2,200	2	2,200	1.8	2,250
Grade 5, $1,680 to $2,040; average, $1,860—						
Laboratory mechanic					0.2	2,040
Grade 3, $1,320 to $1,680; average, $1,500—						
Junior scientific aid	5	1,452	5	1,452	5.2	1,427
Grade 1, $900 to $1,260; average, $1,080—						
Minor scientific helper	1	900	1	900	1	900
Clerical, administrative, and fiscal service—						
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	1	1,860	1	1,860	1	1,860
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	1	1,800	1	1,800	1	1,770
Custodial service—						
Grade 2, $900 to $1,140; average, $1,020—						
Assistant messenger	1	900	1	900	1	900
Total average number of employees	18		18		19.4	
Total salaries, departmental service		36,720.00		36,720.00		35,492.92
Field service:						
Salaries and wages—						
Salary range, $3,000 to $3,600; average, $3,300—						
Associate nematologist	2	3,100	2	3,100	1.8	3,000
Salary range, $2,400 to $3,000; average, $2,700—						
Assistant nematologist					0.2	2,600
Salary range, $1,320 to $1,680; average, $1,500—						
Junior scientific aid	1	1,320	1	1,320	0.5	1,320
Per diem and other unclassified employees—						
Collaborator	3	277	3	277	1.1	226
Total average number of regular employees	6		6		3.6	
Total salaries, regular employees		8,350.00		8,350.00		6,934.56
Temporary employees at salaries ranging from $50 to $1,120 per year	4		4		2	
Total salaries and wages, temporary employees		900.00		900.00		665.39
Total number of employees	10		10		5.6	
Total salaries and wages, field service		9,250.00		9,250.00		7,599.95
01 Total personal services		45,970.00		45,970.00		43,092.87
Supplies and materials:						
0200 Stationery and office supplies		300.00		300.00		369.02
0220 Scientific and educational supplies		400.00		400.00		575.11
0230 Fuel		150.00		150.00		317.02
0280 Sundry supplies		450.00		450.00		457.98
0290 Materials		5.00		5.00		3.45
02 Total supplies and materials		1,305.00		1,305.00		1,722.58
Communication service:						
0500 Telegraph service		30.00		30.00		28.73
0510 Telephone service		150.00		150.00		155.35
0520 Other communication service		5.00		5.00		1.46
05 Total communication service		185.00		185.00		185.54
Travel expenses:						
0615 Transportation		1,700.00		1,500.00		1,556.33
0616 Subsistence		1,800.00		1,500.00		1,664.03
06 Total travel expenses		3,500.00		3,000.00		3,220.36
07 Transportation of things (service)		190.00		190.00		193.47
08 Photographing and making photographs and prints		75.00		75.00		72.52
10 Furnishing light, power, water, and electricity		45.00		45.00		45.93
Rents:						
1100 Rent of buildings and structures		820.00		820.00		100.00
1110 Other rents		100.00		100.00		100.00
11 Total rents		920.00		920.00		200.00
12 Repairs and alterations		65.00		65.00		65.31
13 Special and miscellaneous current expenses		200.00		200.00		317.87

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Bureau of Plant Industry—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Equipment:			
3010 Furniture, furnishings, and fixtures	$345.00	$345.00	$468.21
3020 Educational, scientific, and recreational equipment	1,490.00	1,000.00	2,770.00
3050 Other equipment	50.00	50.00	49.15
30 Total equipment	1,885.00	1,395.00	3,287.36
		53,350.00	52,403.81
Unobligated balance			1,466.19
Reserve		990.00	
Total	54,340.00	54,340.00	53,870.00

For studying and testing commercial seeds, including the testing of samples of seeds of grasses, clover, or alfalfa, and lawn-grass seeds secured in the open market, and where such samples are found to be adulterated or misbranded the results of the tests shall be published, together with the names of the persons by whom the seeds were offered for sale, and for carrying out the provisions of the act approved August 24, 1912, entitled "An act to regulate foreign commerce by prohibiting the admission into the United States of certain adulterated grain and seeds unfit for seeding purposes" [(Thirty-seventh Statutes at Large, page 506)], [$64,538] *$74,000: Provided,* That not to exceed $250 of this amount may be used for meeting the share of the United States in the expenses of the International Seed Testing Congress in carrying out plans for correlating the work of the various adhering governments on problems relating to seed analysis or other subjects which the congress may determine to be necessary in the interest of international seed trade (*U. S. C., p. 56, secs. 511, 512; p. 95, secs. 111–114; act Jan. 18, 1927, vol. 44, pp. 985–988*) $74,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 5, $5,200 to $6,000; average, $5,600— Senior scientist	1	$5,200	1	$5,200	1	$5,200
Grade 3, $3,000 to $3,600; average, $3,300— Associate scientist	5	3,080	3	3,133	2.6	3,058
Grade 2, $2,400 to $3,000; average, $2,700— Assistant scientist	2	2,700	2	2,700	2.4	2,728
Grade 1, $1,860 to $2,400; average, $2,111.42— Junior scientist	6	2,033	6	2,033	5.9	1,953
Subprofessional service—						
Grade 4, $1,500 to $1,860; average, $1,680— Assistant scientific aid	1	1,860	1	1,860	0.8	1,860
Grade 2, $1,140 to $1,500; average, $1,320— Underscientific helper					0.2	1,500
Clerical, administrative, and fiscal service—						
Grade 6, $2,100 to $2,700; average, $2,400— Principal clerk	1	2,200	1	2,200	1	2,200
Grade 4, $1,680 to $2,040; average, $1,860— Clerk	1	1,920	1	1,920	1	1,890
Grade 3, $1,500 to $1,860; average, $1,680— Assistant clerk	1	1,560	1	1,560	0.9	1,570
Grade 2, $1,320 to $1,680; average, $1,500— Junior clerk	1	1,440	1	1,440	1.1	1,400
Grade 1, $1,140 to $1,500; average, $1,320— Underclerk					0.4	1,140
Custodial service—						
Grade 2, $900 to $1,140; average, $1,020— Junior laborer	1	900	1	900	0.9	900
Grade 1, $600 to $780; average, $690— Junior messenger	1	600	1	600	0.9	704
Total average number of employees	21		19		19.1	
Total salaries, departmental service		48,680.00		42,680.00		41,967.29

The difference between 1929 and 1928 is due to increase in force, $6,000.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Bureau of Plant Industry—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Field service:			
	Salaries and wages—	*Average—*	*Average—*	*Average—*
	Salary range, $2,400 to $3,000; average, $2,700—	*No.* *Salary*	*No.* *Salary*	*No.* *Salary*
	Assistant botanist	2.1 $2,486	2.1 $2,486	2 $2,553
	Salary range, $1,860 to $2,400; average, $2,111.42—			
	Junior botanist	1 2,000	1 2,000	0.7 1,930
	Total average number of regular employees	3.1	3.1	2.7
	Total salaries, regular employees	7,220.00	7,220.00	6,381.83
	Temporary employees at salaries ranging from $1 to $40 per year	66	66	39
	Total salaries and wages, temporary employees	800.00	800.00	626.25
	Total number of employees	69.1	69.1	41.7
	Total salaries and wages, field service	8,020.00	8,020.00	7,008.08
01	Total personal services	56,700.00	50,700.00	48,975.37
	Supplies and materials:			
0200	Stationery and office supplies	1,948.00	808.00	1,673.36
0220	Scientific and educational supplies	5,000.00	5,000.00	3,022.16
0280	Sundry supplies	500.00	500.00	500.00
02	Total supplies and materials	7,448.00	6,308.00	5,195.52
	Communication service:			
0500	Telegraph service	600.00	600.00	570.93
0510	Telephone service	50.00	50.00	50.31
05	Total communication service	650.00	650.00	621.24
	Travel expenses:			
0615	Transportation	4,262.00	1,800.00	1,565.05
0616	Subsistence	1,800.00	800.00	625.56
06	Total travel expenses	6,062.00	2,600.00	2,190.61
07	Transportation of things (service)	200.00	200.00	200.00
	Printing, engraving, and lithographing:			
0810	Stenographic work, typewriting, multigraphing, and mimeographing	40.00	40.00	10.68
0830	Photographing, and making photographs and prints	60.00	60.00	26.72
08	Total printing, engraving, and lithographing	100.00	100.00	37.40
11	Other rents	540.00	540.00	540.00
12	Repairs and alterations	600.00	600.00	1,527.30
13	Special and miscellaneous current expenses	500.00	500.00	500.00
	Equipment:			
3010	Furniture, furnishings, and fixtures	500.00	500.00	492.71
3020	Educational, scientific, and recreational equipment	500.00	500.00	500.00
3050	Other equipment	200.00	200.00	61.25
30	Total equipment	1,200.00	1,200.00	1,053.96
			63,398.00	60,841.40
	Unobligated balance			2,696.60
	Reserve		1,140.00	
	Total	74,000.00	64,538.00	63,538.00

For the investigation and improvement of cereals, including corn, and methods of cereal production, and for the study and control of cereal diseases, including barberry eradication, and for the investigation of the cultivation and breeding of flax for seed purposes, including a study of flax diseases, and for the investigation and improvement of broomcorn and methods of broomcorn production, [$737,200] *$745,000: Provided*, That $375,000 shall be set aside for the location of and destruction of the barberry bushes and other vegetation from which rust spores originate: *Provided further*, That $75,000 of this amount shall be available for expenditure only when an equal amount shall have been appropriated, subscribed, or contributed by States, counties, or local authorities, or by individuals or organizations, for the accomplishment of such purposes (*U. S. C., p. 56, secs. 511, 512; p. 95, secs. 111–114; act Jan. 18, 1927, vol. 44, pp. 985, 988*)..... $745,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Bureau of Plant Industry—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average—		*Average—*		*Average—*	
	No	*Salary*	*No*	*Salary*	*No*	*Salary*
Departmental service:						
Salaries—						
Professional and scientific service—						
Grade 5, $5,200 to $6,000; average, $5,600—						
Senior scientist	4	$5,350	4	$5,350	4	$5,300
Grade 4, $3,800 to $5,000; average, $4,400—						
Scientist	8.2	4,287	8.2	4,287	5.8	4,195
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate scientist	12	3,283	12	3,283	11.9	3,263
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant scientist	3	2,733	3	2,733	3.2	2,596
Grade 1, $1,860 to $2,400; average, $2,111.42—						
Junior scientist	2	1,930	2	1,930	2.2	1,923
Snbprofessional service—						
Grade 6, $1,860 to $2,400; average, $2,111.42—						
Senior scientific aid	1	2,100	1	2,100	1	2,100
Grade 5, $1,680 to $2,040; average, $1,860—						
Scientific aid	1	1,980	1	1,980	1	1,890
Grade 4, $1,500 to $1,860; average, $1,680—						
Assistant scientific aid	0.3	1,500	0.3	1,500		
Grade 2, $1,140 to $1,500; average, $1,320—						
Under scientific helper	1	1,440	1	1,440	0.5	1,450
Grade 1, $900 to $1,260; average, $1,080—						
Minor scientific helper					0.6	1,320
Clerical, administrative, and fiscal service—						
Grade 11, $3,800 to $5,000; average, $4,400—						
Assistaot chief accountant	0.4	3,800	0.4	3,800		
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant	1	2,800	1	2,800	1	2,800
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior photographer	1	2,300	1	2,300	1	2,300
Senior clerk	2	2,300	2	2,300	2.9	2,106
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	7	1,843	7	1,843	6.2	1,854
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	12.4	1,623	12.4	1,623	12.7	1,610
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	3	1,540	3	1,540	3	1,490
Grade 1, $1,140 to $1,500; average, $1,320—						
Underphotographer					0.8	1,440
Underclerk	0.5	1,140	0.5	1,140	0.2	1,140
Custodial service—						
Grade 2, $900 to $1,140; average, $1,020—						
Assistant messenger	1	1,020	1	1,020	1	960
Total average nnmber of employees	60.8		60.8		59	
Total salaries, departmental service	164,400.00		164,400.00		152,578.83	
Field service:						
Salaries and wages—						
Salary range, $3,800 to $5,000; average, $4,400—						
Agronomist	1.7	4,424	1.7	4,424	1.7	4,306
Pathnlogist	1.5	4,240	1.5	4,240	1.5	4,173
Salary range, $3,000 to $3,600; average, $3,300—						
Associate pathologist	17	3,153	17	3,153	15.8	3,123
Associate agronomist	8.5	3,171	8.5	3,171	7.8	3,165
Associate physiologist	1	3,000	1	3,000	1.7	3,000
Associate horticultnrist	1	3,000	1	3,000	1	3,000
Associate cytologist	1	3,000	1	3,000	0.2	3,000
Salary range, $2,400 to $3,000; average, $2,700—						
Assistant agronomist	9	2,567	8	2,588	7.7	2,615
Assistant patbnlogist	8.4	2,600	8.4	2,600	8.4	2,587
Salary range, $1,860 to $2,400; average, $2,111.42—						
Junior agronomist	3	2,167	3	2,167	2.3	2,104
Salary range, $1,500 to $1,860; average, $1,680—						
Assistant scientific aid	1	1,740	1	1,740	1	1,740
Assistaot clerk	10	1,554	10	1,554	10	1,527
Salary range, $1,320 to $1,680; average, $1,500—						
Jnnior scientific aid	1	1,620	1	1,620	1	1,590
Junior clerk	5	1,344	5	1,344	3.8	1,352
Salary range, $1,140 to $1,500; average, $1,320—						
Underclerk	1	1,200	1	1,200	1	1,140
Per diem and other unclassified employees—						
Agent	34.2	1,334	34.2	1,334	29.9	1,460
Collaborator	3	283	3	283	2	300
Laborer	8	1,095	8	1,095	7.8	1,058
Total average number of regular employees	115.3		114.3		104.6	
Total salaries, regular employees	236,945.00		234,545.00		220,449.53	
Temporary employees at salaries ranging from $480 to $2,160 per year	366		365		400	
Total salaries and wages, temporary employees	124,571.00		123,971.00		125,912.56	
Total number of employees	481.3		478.3		504.6	
Total salaries and wages, field service	361,516.00		358,516.00		346,362.09	
Deduct allowance valne of quarters					300.00	
Net salaries and wages, field service	361,516.00		358,516.00		346,062.09	
The difference between 1929 and 1928 is dne to increase in force, $3,000.						
01 Total personal services	525,916.00		522,916.00		498,640.92	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Bureau of Plant Industry—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Supplies and materials:			
0200	Stationery and office supplies	$4,500.00	$4,500.00	$5,336.92
0220	Scientific and educational supplies	2,800.00	2,800.00	2,788.39
0230	Fuel	400.00	400.00	740.29
0250	Forage	500.00	500.00	1,144.86
0280	Sundry supplies	6,000.00	5,000.00	7,372.58
0290	Materials			523.14
02	Total supplies and materials	14,200.00	13,200.00	17,906.18
04	Subsistence and care of animals, storage and care of vehicles	1,000.00	1,000.00	1,245.62
	Communication service:			
0500	Telegraph service	700.00	450.00	646.87
0510	Telephone service	750.00	500.00	761.78
0520	Other communication service			61.61
05	Total communication service	1,450.00	950.00	1,470.26
	Travel expenses:			
0615	Transportation	71,900.00	65,000.00	66,410.84
0616	Subsistence	100,900.00	95,000.00	95,981.56
06	Total travel expenses	172,800.00	160,000.00	162,392.40
07	Transportation of things (service)	3,000.00	2,000.00	3,323.75
	Printing, engraving, and lithographing:			
0820	Stenographic work, typewriting, multigraphing and mimeographing	300.00	300.00	362.23
0830	Photographing, and making photographs and prints	1,400.00	900.00	1,596.56
08	Total printing, engraving, and lithographing	1,700.00	1,200.00	1,958.79
10	Furnishing light, power, water, and electricity	500.00	500.00	1,115.57
11	Other rents	100.00	100.00	183.85
12	Repairs and alterations	5,000.00	5,000.00	5,865.19
13	Special and miscellaneous current expenses	2,000.00	2,000.00	3,100.32
	Equipment:			
3010	Furniture, furnishings, and fixtures	3,000.00	3,000.00	3,415.67
3020	Educational, scientific, and recreational equipment	2,500.00	2,500.00	2,693.91
3050	Other equipment	6,490.00	5,000.00	3,518.30
30	Total equipment	11,990.00	10,500.00	9,627.88
	Structures and parts:			
3210	Other structures	5,344.00	5,344.00	14,326.22
3220	Nonstructural improvements			13.77
32	Total structures and parts	5,344.00	5,344.00	14,339.99
			724,710.00	721,170.72
	Unobligated balance			15,029.28
	Reserve		12,490.00	
	Total	745,000.00	737,200.00	736,200.00

For the investigation and improvement of tobacco and the methods of tobacco production and handling, [$58,740] (*U. S. C., p. 56, secs. 511, 512; p. 95, secs. 111–114; act Jan. 18, 1927, vol. 44, pp. 985–988*) $60,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
Grade 5, $5,200 to $6,000; average, $5,600—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Senior scientist	0.7	$5,600	0.7	$5,600	0.7	$5,400
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate scientist	0.5	3,200	0.5	3,00	0.5	3,200
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant scientist	2	2,550	2	2,550	2	2,525
Subprofessional service—						
Grade 2, $1,140 to $1,500; average, $1,320—						
Underscientific helper	1	1,260	1	1,260	1	1,230
Clerical, administrative, and fiscal service—						
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	1	1,920	1	1,920	1	1,920
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	1	1,560	1	1,56	1	1,500

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Bureau of Plant Industry—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average—		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Departmental service—Continued.						
Salaries—Continued.						
Custodial service—						
Grade 3, $1,020 to $1,260; average, $1,140—						
Watchman	0.4	$1,200	0.4	$1,200		
Grade 2, $900 to $1,140; average, $1,020—						
Junior laborer	1	900	1	900	0.9	$900
Total average number of employees	7.6		7.6		7.1	
Total salaries, departmental service		16,940.00		16,940.00		16,212.50
Field service:						
Salaries and wages—						
Salary range, $3,800 to $5,000; average, $4,400—						
Agronomist	0.7	$3,800	0.7	$3,800	0.7	$3,800
Salary range, $3,000 to $3,600; average, $3,300—						
Associate agronomist	0.8	3,100	0.8	3,100	0.8	3,000
Salary range, $2,100 to $2,700; average, $2,400—						
Principal scientific aid	2	2,450	2	2,450	2	2,400
Salary range, $1,680 to $2,040; average, $1,860—						
Scientific aid	1	1,980	1	1,980	1	1,800
Per diem and other unclassified employees—						
Agent	7	1,774	7	1,774	7	1,746
Laborer	6	831	6	831	3.8	833
Total average number of regular employees	17.5		17.5		15.3	
Total salaries, regular employees		29,688.00		29,688.00		27,285.35
Temporary employees at salaries ranging from $630 to $1,800 per year	17		17		9	
Total salaries and wages, temporary employees		3,905.00		3,905.00		3,049.82
Total number of employees	34.5		34.5		24.3	
Total salaries and wages, field service		33,593.00		33,593.00		30,335.17
01 Total personal services		50,533.00		50,533.00		46,547.67
Supplies and materials:						
0200 Stationery and office supplies		200.00		100.00		196.86
0220 Scientific and educational supplies		2,100.00		887.00		1,361.71
0280 Sundry supplies		200.00		200.00		217.82
02 Total supplies and materials		2,500.00		1,187.00		1,776.39
Communication service:						
0500 Telegraph service		10.00		10.00		25.00
0510 Telephone service		40.00		40.00		50.00
05 Total communication service		50.00		50.00		75.00
Travel expenses:						
0615 Transportation		1,360.00		1,360.00		1,359.69
0616 Subsistence		560.00		560.00		560.34
06 Total travel expenses		1,920.00		1,920.00		1,920.03
07 Transportation of things (service)		150.00		150.00		250.80
08 Photographing, and making photographs and prints		60.00		60.00		58.95
10 Furnishing light, power, water, and electricity		200.00		200.00		208.32
11 Other rents		710.00		710.00		710.00
12 Repairs and alterations		200.00		200.00		257.03
13 Special and miscellaneous current expenses		1,500.00		1,500.00		2,587.73
Equipment:						
3000 Passenger-carrying vehicles						300.00
3010 Furniture, furnishings, and fixtures		100.00		100.00		323.53
3020 Educational, scientific, and recreational equipment		2,007.00		1,000.00		2,018.22
3050 Other equipment		70.00		70.00		69.30
30 Total equipment		2,177.00		1,170.00		2,711.05
32 Nonstructural improvements						9.39
Unobligated balance				57,680.00		57,112.36
Reserve				1,060.00		1,627.64
Total		60,000.00		58,740.00		58,740.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Salaries and Expenses, Bureau of Plant Industry—Continued. For the breeding and physiological study of alkali-resistant and drought-resistant crops (*U. S. C., p. 56, secs. 511, 512; p. 95, secs. 111–114; act Jan. 18, 1927, vol. 44, pp. 985–988*)	$23,920.00	

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
Grade 5, $5,200 to $6,000; average, $5,600—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Senior scientist	1	$5,200	1	$5,200	1	$5,200
Clerical, administrative, and fiscal service—						
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	1	1,920	1	1,920	1	1,920
Total average number of employees	2		2		2	
Total salaries, departmental service		7,120		7,120		7,120
Field service:						
Salaries and wages—						
Salary range, $2,400 to $3,000; average, $2,700—						
Chief scientific aid	1	2,800	1	2,800	0.5	2,800
Salary range, $2,100 to $2,700; average, $2,400—						
Principal scientific aid					0.5	2,700
Salary range, $1,860 to $2,400; average, $2,111.42—						
Senior scientific aid	1	2,200	1	2,200	0.5	2,200
Salary range, $1,680 to $2,040; average, $1,860—						
Scientific aid					0.5	2,040
Salary range, $1,500 to $1,860; average, $1,680—						
Assistant scientific aid					0.3	1,800
Head gardener	1	1,740	1	1,740	1	1,740
Total average number of regular employees	3		3		3.3	
Total salaries, regular employees		6,740		6,740		7,060
Temporary employees at salaries ranging from $900 to $1,500 per year	7		7		10	
Total salaries and wages, temporary employees		2,140.00		2,140.00		1,805.08
Total number of employees	10		10		13.3	
Total salaries and wages, field service		8,880.00		8,880.00		8,865.08
Deduct allowances for quarters		480.00		480.00		510.00
Net salaries and wages, field service		8,400.00		8,400.00		8,355.08
01 Total personal services		15,520.00		15,520.00		15,475.08
Supplies and materials:						
0200 Stationery and office supplies		250.00		250.00		249.15
0220 Scientific and educational supplies		560.00		550.00		461.48
0280 Sundry supplies		197.00		110.00		81.58
02 Total supplies and materials		1,007.00		910.00		792.21
Communication service:						
0500 Telegraph service		20.00		20.00		23.33
0510 Telephone service		50.00		50.00		46.75
0520 Other communication service		5.00		5.00		5.85
05 Total communication service		75.00		75.00		75.93
Travel expenses:						
0615 Transportation		2,760.00		2,590.00		2,384.36
0616 Subsistence		2,870.00		2,700.00		2,538.15
06 Total travel expenses		5,630.00		5,290.00		4,922.51
07 Transportation of things (service)		375.00		372.00		306.06
12 Repairs and alterations		245.00		245.00		246.85
13 Special and miscellaneous current expenses		283.00		283.00		250.00
Equipment:						
3010 Furniture, furnishings, and fixtures		690.00		690.00		691.37
3020 Educational, scientific, and recreational equipment		85.00		85.00		85.68
3050 Other equipment		10.00		10.00		10.50
30 Total equipment		785.00		785.00		787.55
Unobligated balance				23,480.00		22,856.19
Reserve				440.00		1,256.81
Total		23,920.00		23,920.00		24,113.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Salaries and Expenses, Bureau of Plant Industry—Continued.		
For sugar-plant investigations, including studies of diseases and the improvement of sugar beets and sugar-beet seed, [$171,255] (*U. S. C., p. 56, secs. 511, 512; p. 95, secs. 111–114; act Jan. 18, 1927, vol. 44, pp. 985–988*)	$196,000.00	

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 5, $5,200 to $6,000; average, $5,600—						
Senior scientist	1	$5,200	1	$5,200	1	$5,200
Grade 4, $3,800 to $5,000; average, $4,400—						
Scientist	1	4,200	1	4,200	1	4,000
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate scientist	6.3	3,080	4.3	3,116	3.8	3,092
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant scientist	1	2,400	1	2,400	1.5	2,533
Clerical, administrative, and fiscal service—						
Grade 8, $2,700 to $3,300; average, $3,000—						
Agricultural writer					0.2	2,700
Grade 7, $2,400 to $3,000; average, $2,700—						
Assistant investigator	0.3	2,400	0.3	2,400		
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	1	2,000	1	2,000	1	1,960
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	2	1,800	2	1,800	2.3	1,770
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	2	1,560	2	1,560	2	1,530
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	1	1,320	1	1,320	1	1,380
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk					0.1	1,140
Custodial service—						
Grade 3, $1,020 to $1,260; average, $1,140—						
Senior laborer	1	1,020	1	1,020	0.9	1,020
Grade 2, $900 to $1,140; average, $1,020—						
Assistant messenger	1	900	1	900	0.1	900
Grade 1, $600 to $780; average, $690—						
Junior messenger					0.9	690
Total average number of employees	17.6		15.6		15.8	
Total salaries, departmental service		43,760.00		37,760.00		37,377.50
The difference between 1929 and 1928 is due to increase in force, $6,000.						
Field service:						
Salaries and wages—						
Salary range, $3,800 to $5,000; average, $4,400—						
Pathologist	0.3	4,600	0.3	4,600	0.4	4,600
Salary range, $3,000 to $3,600; average, $3,300—						
Associate pathologist	1	3,600	1	3,600	1	3,600
Associate agronomist	5.5	3,045	4.5	3,056	4	3,025
Salary range, $2,400 to $3,000; average, $2,700—						
Assistant agronomist	2	2,600	1	2,800	0.6	2,800
Assistant pathologist	3	2,600	3	2,600	2.1	2,521
Salary range, $1,860 to $2,400; average, $2,111.42—						
Junior pathologist	1	2,000	1	2,000	1.3	1,914
Per diem and other unclassified employees—						
Agent	4	955	4	955	3.9	941
Clerk	3	427	3	427	0.4	1,165
Laborer	14	728	14	728	9.8	797
Total average number of regular employees	33.8		31.8		23.5	
Total salaries, regular employees		52,690.00		47,290.00		39,966.08
Temporary employees at salaries ranging from $600 to $2,100 per year	20		15		28	
Total salaries and wages, temporary employees		11,965.00		7,465.00		8,513.88
Total number of employees	53.8		46.8		51.5	
Total salaries and wages, field service		64,655.00		54,755.00		48,479.96
The difference between 1929 and 1928 is due to increase in force, $9,900.						
01 Total personal services		108,415.00		92,515.00		85,857.46
Supplies and materials:						
0200 Stationery and office supplies		1,598.00		1,598.00		1,097.41
0210 Medical and hospital supplies						1.00
0220 Scientific and educational supplies		5,607.00		4,577.00		3,076.49
0230 Fuel		206.00		206.00		205.33
0250 Forage		10.00		10.00		10.29
0280 Sundry supplies		3,284.00		2,239.00		1,238.04
0290 Materials		6,880.00		5,880.00		4,572.95
02 Total supplies and materials		17,585.00		14,510.00		10,201.51
04 Subsistence and care of animals		462.00		432.00		432.32
Communication service:						
0500 Telegraph service		146.00		146.00		145.53
0510 Telephone service		241.00		241.00		240.00
0520 Other communication service		95.00		95.00		94.94
05 Total communication service		482.00		482.00		480.47

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Bureau of Plant Industry—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Travel expenses:			
0615	Transportation	$15,852.00	$12,952.00	$8,951.55
0616	Subsistence	13,174.00	10,074.00	6,374.44
06	Total travel expenses	29,026.00	23,026.00	15,325.99
07	Transportation of things (service)	1,925.00	1,925.00	1,724.74
	Printing, engraving, and lithographing:			
0820	Stenographic work, typewriting, multigraphing, and mimeographing	23.00	23.00	22.60
0830	Photographing, and making photographs and prints	69.00	69.00	69.45
08	Total printing, engraving, and lithographing	92.00	92.00	92.05
10	Furnishing light, power, water, and electricity	1,890.00	1,890.00	1,590.42
	Rents:			
1100	Rent of buildings and structures	538.00	538.00	538.00
1110	Other rents	659.00	659.00	659.00
11	Total rents	1,197.00	1,197.00	1,197.00
12	Repairs and alterations	5,392.00	5,292.00	4,791.80
13	Special and miscellaneous current expenses	12,003.00	10,003.00	7,002.90
	Equipment:			
3010	Furniture, furnishings, and fixtures	1,573.00	1,573.00	1,512.74
3020	Educational, scientific, and recreational equipment	7,985.00	6,985.00	5,985.18
3050	Other equipment	7,269.00	7,269.00	6,269.64
30	Total equipment	16,827.00	15,827.00	13,767.56
32	Structures	734.00	734.00	734.33
			167,925.00	143,198.55
	Unobligated balance			18,076.45
	Reserve		3,330.00	
	Total	196,000.00	171,255.00	161,275.00

For investigation, improvement, and utilization of wild plants and grazing lands, and for determining the distribution of weeds and means of their control, [$45,380] (*U. S. C., p. 56, secs. 511, 512; p. 95, secs. 111–114; act Jan. 18, 1927, vol. 44, pp. 985–988*)—— $47,780.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 5, $5,200 to $6,000; average, $5,600— Senior scientist	2	$5,300	2	$5,300	2	$5,300
Grade 4, $3,800 to $5,000; average, $4,400— Scientist	1	3,800	1	3,800	1	3,800
Grade 3, $3,000 to $3,600; average, $3,300— Associate scientist	2	3,300	2	3,300	2	3,225
Grade 2, $2,400 to $3,000; average, $2,700— Assistant scientist	2.3	2,580	2.3	2,580	2	2,500
Grade 1, $1,860 to $2,400; average, $2,111.42— Junior scientist	1	1,920	1	1,920	1	1,860
Subprofessional service—						
Grade 6, $1,860 to $2,400; average, $2,111.42— Senior scientific aid					0.3	2,100
Grade 2, $1,140 to $1,500; average, $1,320— Under scientific helper	1.4	1,243	1.4	1,243	1.1	1,245
Clerical, administrative, and fiscal service—						
Grade 5, $1,860 to $2,400; average, $2,111.42— Senior clerk	1	1,860	1	1,860	0.1	1,860
Grade 4, $1,680 to $2,040; average, $1,860— Clerk	2	2,010	2	2,010	2	1,950
Grade 3, $1,500 to $1,860; average, $1,680— Assistant clerk	2	1,590	2	1,590	2.9	1,570
Grade 1, $1,140 to $1,500; average, $1,320— Underclerk					0.2	1,140
Total average number of employees	14.7		14.7		14.6	
Total salaries, departmental service		39,653.00		39,653.00		39,347.74

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Bureau of Plant Industry—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Field service:			
	Salaries and wages—	*Average*—	*Average*—	*Average*—
	Salary range, $3,800 to $5,000; average, $4,400—	*No.* *Salary*	*No.* *Salary*	*No.* *Salary*
	Botanist	0.3 $3,800		
	Total average number of employees	0.3		
	Total salaries, field service	950		
	The difference between 1929 and 1928 is due to increase in force, $950.			
01	Total personal services	40,603.00	$39,653.00	$39,347.74
	Supplies and materials:			
0200	Stationery and office supplies	225.00	225.00	226.80
0220	Scientific and educational supplies	25.00	25.00	15.19
0280	Sundry supplies	40.00	40.00	32.95
02	Total supplies and materials	290.00	290.00	274.94
	Communication service:			
0500	Telegraph service	10.00	10.00	3.97
0510	Telephone service	50.00	50.00	56.29
05	Total communication service	60.00	60.00	60.26
	Travel expenses:			
0615	Transportation	2,380.00	1,640.00	1,015.77
0616	Subsistence	1,180.00	760.00	517.57
06	Total travel expenses	3,560.00	2,400.00	1,533.34
07	Transportation of things (service)	25.00	25.00	22.65
	Printing, engraving, and lithographing:			
0820	Stenographic work, typewriting, multigraphing, and mimeographing	15.00	15.00	
0830	Photographing and making photographs and prints	70.00	70.00	74.50
08	Total printing, engraving, and lithographing	85.00	85.00	74.50
11	Other rents	433.00	433.00	116.87
12	Repairs and alterations	110.00	110.00	228.83
13	Special and miscellaneous current expenses	2,079.00	1,129.00	613.44
	Equipment:			
3010	Furniture, furnishings, and fixtures	130.00	130.00	137.37
3020	Educational, scientific, and recreational equipment	405.00	405.00	1,783.80
30	Total equipment	535.00	535.00	1,921.17
	Unobligated balance		44,720.00	44,193.74
	Reserve		660.00	3,586.26
	Total	47,780.00	45,380.00	47,780.00

For the investigation and improvement of methods of crop production under subhumid, semiarid, or dry-land conditions, $208,050: *Provided*, That the limitations in this act as to the cost of farm buildings shall not apply to this paragraph: *Provided further*, That no part of this appropriation shall be used in the free distribution or propagation for free distribution of cuttings, seedlings, or trees of willow, box elder, ash, caragana, or other common varieties of fruit, ornamental, or shelter-belt trees in the northern Great Plains area except for experimental or demonstration purposes in the States of North and South Dakota, and in Montana and Wyoming east of the five-thousand-foot contour line: *Provided further*, That no part of this appropriation shall be used for the establishment of any new field station (*U. S. C., p. 56, secs. 511, 512; p. 95, secs. 111–114; act Jan. 18, 1927, vol. 44, pp. 985–988*) $208,050.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, refereuces to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Bureau of Plant Industry—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expeuded and obligated, 1927	
	Average—		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Departmental service:						
Salaries—						
Professional and scientific service—						
Grade 5, $5,200 to $6,000; average, $5,600—						
Senior scientist	1	$5,800	1	$5,800	1	$5,600
Grade 4, $3,800 to $5,000; average, $4,400—						
Scientist	1	4,000	1	4,000	1	4,000
Clerical, administrative, and fiscal service—						
Grade 8, $2,700 to $3,300; average, $3,000—						
Agricultural writer					0.3	2,700
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	1	2,600	1	2,600	1	2,600
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	1	1,980	1	1,980	1.1	1,927
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	2	1,770	2	1,770	2	1,710
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk					0.2	1,440
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk					0.3	1,140
Custodial service—						
Grade 1, $600 to $780; average, $690—						
Junior messenger	1	600	1	600	1	750
Total average number of employees	7		7		7.9	
Total salaries, departmental service		18,520.00		18,520.00		19,746.50
Field service:						
Salaries and wages—						
Salary range, $5,200 to $6,000; average, $5,600—						
Senior agriculturist	1	5,400	1	5,400	1	5,200
Salary range, $3,800 to $5,000; average, $4,400—						
Agriculturist	1	4,600	1	4,600	1	4,600
Salary range, $3,000 to $3,600; average, $3,300—						
Associate physiologist	0.8	3,200	0.8	3,200	0.8	3,200
Associate horticulturist	1	3,100	1	3,100	1	3,100
Associate agronomist	18.9	3,323	18.9	3,323	18.4	3,285
Salary range, $1,860 to $2,400; average, $2,111.42—						
Junior agronomist	1	1,860	1	1,860	1	1,860
Senior scientific aid	2	2,300	2	2,300	2	2,300
Senior clerk	1	2,200	1	2,200	1	2,200
Salary range, $1,680 to $2,040; average, $1,860—						
Scientific aid	1	1,680	1	1,680		
Clerk	1	1,740	1	1,740		
Per diem and other unclassified employees—						
Agent	1	3,000	1	3,000	1.3	3,071
Laborer	22	1,282	22	1,282	18.5	1,291
Mess cook	3	800	3	800	1.6	786
Total average number of regular employees	54.7		54.7		47.6	
Total salaries, regular employees		124,192.00		124,192.00		113,745.68
Temporary employees at salaries ranging from $420 to $3,000 per year	58		58		88	
Total salaries and wages, temporary employees		17,464.00		17,464.00		27,323.00
Total number of employees	112.7		112.7		135.6	
Total salaries and wages, field service		141,656.00		141,656.00		141,068.68
Deduct allowanee value of quarters		5,594.00		5,594.00		5,579.00
Net salaries and wages, field service		136,062.00		136,062.00		135,489.68
01 Total personal services		154,582.00		154,582.00		155,236.18
Supplies and materials:						
0200 Stationery and office supplies		1,000.00		1,000.00		992.96
0220 Scientific and educational supplies		225.00		225.00		224.28
0230 Fuel		3,800.00		3,800.00		3,841.80
0250 Forage		750.00		750.00		757.04
0280 Sundry supplies		11,692.00		9,697.00		9,697.35
0290 Materials		200.00		200.00		215.51
02 Total supplies and materials		17,667.00		15,672.00		15,728.94
04 Subsistence and care of animals		125.00		125.00		123.70
Communication service:						
0500 Telegraph service		160.00		160.00		163.66
0510 Telephone service		500.00		500.00		505.36
0520 Other communication service		35.00		35.00		35.78
05 Total communication service		695.00		695.00		704.80
Travel expenses:						
0615 Transportation		6,200.00		6,200.00		6,200.25
0616 Subsistence		4,400.00		4,400.00		4,470.69
06 Total travel expenses		10,600.00		10,600.00		10,670.94
07 Transportation of things (service)		2,000.00		2,000.00		2,062.12

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Bureau of Plant Industry—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Printing, engraving, and lithographing:			
0820 Stenographic work, typewriting, multigraphing, and mimeographing	$20.00	$20.00	$18.65
0830 Photographing, and making photographs and prints	60.00	60.00	60.71
08 Total printing, engraving, and lithographing	80.00	80.00	79.36
10 Furnishing light, power, water, and electricity	2,000.00	2,000.00	2,025.07
11 Rents	156.00	156.00	156.00
12 Repairs and alterations	10,395.00	8,400.00	8,331.18
13 Special and miscellaneous current expenses	300.00	300.00	303.04
Equipment:			
3010 Furniture, furnishings, and fixtures	1,200.00	1,200.00	1,236.99
3020 Educational, scientific, and recreational equipment	300.00	300.00	357.84
3040 Livestock	900.00	900.00	963.75
3050 Other equipment	6,000.00	6,000.00	6,385.51
30 Total equipment	8,400.00	8,400.00	8,944.09
Structures and parts:			
3210 Other structures	350.00	350.00	365.68
3220 Nonstructural improvements	700.00	700.00	701.90
32 Total structures and parts	1,050.00	1,050.00	1,067.58
		204,060.00	205,433.00
Unobligated balance			2,617.00
Reserve		3,990.00	
Total	208,050.00	208,050.00	208,050.00

For investigations in connection with western irrigation agriculture, the utilization of lands reclaimed under the reclamation act, and other areas in the arid and semiarid regions, [$109,095] *(U. S. C., p. 56, secs. 511, 512; p. 95, secs. 111–114; act Jan. 18, 1927, vol. 44, pp. 985–988)* $142,095.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 5, $5,200 to $6,000; average, $5,600—						
Senior scientist	1	$5,800	1	$5,800	1	$5,600
Clerical, administrative, and fiscal service—						
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	1	2,200	1	2,200	1	2,200
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	2	1,680	2	1,680	2	1,680
Custodial service—						
Grade 3, $1,020 to $1,260; average, $1,140—						
Watchman	0.3	1,200	0.3	1,200		
Total average number of employees	4.3		4.3		4	
Total salaries, departmental service		11,760.00		11,760.00		11,160.00
Field service:						
Salaries and wages—						
Salary range, $3,800 to $5,000; average, $4,400—						
Biochemist	2.8	3,800	0.8	4,000	0.8	4,000
Pathologist	2	3,800				
Physiologist	2	3,800				
Salary range, $3,000 to $3,600; average, $3,300—						
Associate agronomist	5.7	3,246	5.7	3,246	5.5	3,227
Salary range, $2,400 to $3,000; average, $2,700—						
Assistant agronomist	2	2,650	2	2,650	1.5	2,533
Chief scientific aid	1	2,600	1	2,600	1	2,600
Assistant pathologist	1	2,400				
Salary range, $1,860 to $2,400; average, $2,111.42—						
Junior agronomist	1	1,980	1	1,980	1.3	2,156
Junior pomologist	1	2,100	1	2,100	0.9	2,050
Senior clerk					0.6	2,250
Salary range, $1,680 to $2,040; average, $1,860—						
Clerk	1	1,680	1	1,680	1	1,680
Salary range, $1,500 to $1,860; average, $1,680—						
Assistant mechanic	1	1,800	1	1,800	1	1,800
Assistant clerk					0.4	1,560
Salary range, $1,320 to $1,680; average, $1,500—						
Junior clerk	1	1,380	1	1,380	0.5	1,380

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929--Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Bureau of Plant Industry—Continued.

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Field service—Continued.						
	Salaries and wages—Continued.						
	Per diem and other unclassified employees—	*Average—*		*Average—*		*Average—*	
		No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Teamster	3	$1,200	3	$1,200	2.1	$1,263
	Laborer	15	1,212	15	1,212	13.4	1,232
	Clerk	7	326	7	326	1.9	731
	Caretaker and mess cook	6	640	6	640	4.3	555
	Total average number of regular employees	50.5		45.5		36.2	
	Total salaries, regular employees		83,840.00		66,240.00		61,100.94
	Temporary employees at salaries ranging from $480 to $1,560 per year	75		48		54	
	Total salaries and wages, temporary employees		16,170.00		9,970.00		16,026.73
	Total number of employees	125.5		93.5		90.2	
	Total salaries and wages, field service		100,010.00		76,210.00		77,127.67
	Deduct allowance value of quarters		3,200.00		3,200.00		3,080.00
	Net salaries and wages, field service		96,810.00		73,010.00		74,047.67
	The difference between 1929 and 1928 is due to increase in force, $23,800.						
01	Total personal services		103,570.00		84,770.00		85,207.67
	Supplies and materials:						
0200	Stationery and office supplies		675.00		475.00		467.22
0210	Medical and hospital supplies		15.00		15.00		14.35
0220	Scientific and educational supplies		1,770.00		270.00		269.88
0230	Fuel		1,150.00		1,150.00		1,149.01
0250	Forage		85.00		85.00		84.47
0280	Sundry supplies		2,475.00		2,175.00		2,170.34
0290	Materials		1,600.00		1,400.00		1,450.62
02	Total supplies and materials		7,770.00		5,570.00		5,605.89
04	Subsistence and care of animals		65.00		65.00		63.70
	Communication service:						
0500	Telegraph service		65.00		40.00		38.53
0510	Telephone service		385.00		360.00		351.60
0520	Other communication service		20.00		20.00		21.00
05	Total communication service		470.00		420.00		411.13
	Travel expenses:						
0615	Transportation		4,900.00		2,400.00		2,384.91
0616	Subsistence		1,700.00		700.00		698.71
06	Total travel expenses		6,600.00		3,100.00		3,083.62
07	Transportation of things (service)		1,275.00		1,275.00		1,280.63
08	Photographing, and making photographs and prints		10.00		10.00		11.92
10	Furnishing light, power, water, and electricity		575.00		475.00		477.68
12	Repairs and alterations		5,450.00		3,700.00		3,664.15
13	Special and miscellaneous current expenses		900.00		400.00		416.87
	Equipment:						
3010	Furniture, furnishings, and fixtures		1,175.00		1,175.00		1,166.76
3020	Educational, scientific, and recreational equipment		2,135.00		35.00		36.13
3040	Livestock		500.00		500.00		520.00
3050	Other equipment		3,450.00		2,300.00		2,314.04
30	Total equipment		7,260.00		4,010.00		4,036.93
	Structures and parts:						
3210	Other structures		3,100.00		3,100.00		3,052.95
3220	Nonstructural improvements		50.00		50.00		50.30
32	Total structures and parts		3,150.00		3,150.00		3,103.25
	Unobligated balance				106,945.00		107,363.44
	Reserve				2,150.00		1,731.56
	Total		142,095.00		109,095.00		109,095.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Salaries and Expenses, Bureau of Plant Industry—Continued. For the investigation, improvement, encouragement, and determination of the adaptability to different soils and climatic conditions of pecans, almonds, Persian walnuts, black walnuts, hickory nuts, butternuts, chestnuts, filberts, and other nuts, and for methods of growing, harvesting, packing, shipping, storing, and utilizing the same (*U. S. C., p. 56, secs. 511, 512; p. 95, secs. 111–114; act Jan. 18, 1927, vol. 44, pp. 985–988*)	$29,040.00	

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average— No.	Salary	*Average—* No.	Salary	*Average—* No.	Salary
Departmental service:						
Salaries—						
Professional and scientific service—						
Grade 5, $5,200 to $6,000; average, $5,600—						
Senior scientist	0.1	$5,200	0.1	$5,200	0.1	$5,200
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate scientist	1	3,600	1	3,600	1	3,550
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant scientist	1	2,700	1	2,700	1	2,700
Subprofessional service—						
Grade 4, $1,500 to $1,860; average, $1,680—						
Junior library assistant	0.1	1,860	0.1	1,860	0.1	1,860
Clerical, administrative, and fiscal service—						
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant	0.1	2,700	0.1	2,700	0.1	2,700
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	1	1,740	1	1,740	1	1,740
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk					1	1,500
Custodial service—						
Grade 3, $1,020 to $1,260; average, $1,140—						
Senior laborer					0.2	1,140
Total average number of employees	3.3		3.3		4.5	
Total salaries, departmental service		8,853.00		8,853.00		10,493.33
Field service:						
Salaries and wages—						
Salary range, $3,000 to $3,600; average, $3,300—						
Associate pomologist	2	3,150	2	3,150	1	3,200
Salary range, $2,400 to $3,000; average, $2,700—						
Assistant pomologist					1	2,900
Salary range, $1,500 to $1,860; average, $1,680—						
Assistant clerk	0.5	1,560	0.5	1,560	0.5	1,560
Salary range, $1,320 to $1,680; average, $1,500—						
Gardener					0.2	1,680
Junior clerk					0.1	1,380
Per diem and other unclassified employees—						
Agent	0.5	1,080	0.5	1,080	0.5	1,080
Laborer	2	732	2	732	1.1	686
Total average number of regular employees	5		5		4.4	
Total salaries, regular employees		9,084.00		9,084.00		8,653.26
Temporary employees at salaries ranging from $840 to $2,100 per year	2		2		5	
Total salaries and wages, temporary employees		1,130.00		1,130.00		1,536.05
Total number of employees	7		7		9.4	
Total salaries and wages, field service		10,214.00		10,214.00		10,189.31
Deduct allowance value of quarters						108.00
Net salaries and wages, field service		10,214.00		10,214.00		10,081.31
01 Total personal services		19,067.00		19,067.00		20,574.64
Supplies and materials:						
0200 Stationery and office supplies		1,107.00		1,107.00		342.49
0220 Scientific and educational supplies		750.00		750.00		724.80
0230 Fuel		660.00		660.00		495.76
0280 Sundry supplies		550.00		550.00		507.54
0290 Materials		25.00		25.00		21.25
02 Total supplies and materials		3,032.00		3,032.00		2,091.84
Communication service:						
0500 Telegraph service		20.00		20.00		10.21
0510 Telephone service		200.00		200.00		177.29
0520 Other communication service		10.00		10.00		5.40
05 Total communication service		230.00		230.00		192.90
Travel expenses:						
0615 Transportation		1,900.00		1,900.00		1,905.64
0610 Subsistence		1,200.00		1,200.00		1,117.04
06 Total travel expenses		3,100.00		3,100.00		3,022.68
07 Transportation of things (service)		210.00		210.00		202.52
08 Photographing, and making photographs and prints		85.00		85.00		79.41
Rents:						
1100 Rent of buildings and structures		210.00		210.00		216.00
1110 Other rents		5.00		5.00		4.50
11 Total rents		215.00		215.00		214.50
12 Repairs and alterations		400.00		400.00		243.00
13 Special and miscellaneous current expenses		951.00		401.00		245.37

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Bureau of Plant Industry—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Equipment:			
3010 Furniture, furnishings, and fixtures	$650.00	$650.00	$142.07
3020 Educational, scientific, and recreational equipment	100.00	100.00	2.50
3050 Other equipment	1,000.00	1,000.00	1,790.19
30 Total equipment	1,750.00	1,750.00	1,934.76
		28,490.00	28,801.62
Unobligated balance			1,738.38
Reserve		550.00	
Total	29,040.00	29,040.00	30,540.00

For the investigation and improvement of fruits, and the methods of fruit growing, harvesting, handling, and studies of the physiological and related changes of fruits and vegetables during the processes of marketing and while in commercial storage, [$197,660] (*U. S. C., p. 56, secs. 511, 512; p. 95, secs. 111–114; act Jan. 18, 1927, vol. 44, pp. 985–988*) $225,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
Grade 5, $5,200 to $6,000; average, $5,600—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Senior scientist	0.5	$5,200	0.5	$5,200	0.5	$5,200
Grade 4, $3,800 to $5,000; average, $4,400—						
Scientist	4.2	4,536	4.2	4,536	4.2	4,440
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate scientist	6.5	3,308	5.5	3,364	4.3	3,366
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant scientist	2	2,400				
Grade 1, $1,860 to $2,400; average, $2,111.42—						
Junior scientist	1	2,100	1	2,100	1	2,100
Junior librarian	1	2,100	1	2,100	1	2,100
Subprofessional service—						
Grade 8, $2,400 to $3,000; average, $2,700—						
Chief scientific illustrator	1	2,500	1	2,500	1	2,450
Grade 5, $1,680 to $2,040; average, $1,860—						
Scientific illustrator	2	1,680	2	1,680	1.6	1,680
Draftsman	1	1,740	1	1,740	1	1,680
Grade 4, $1,500 to $1,860; average, $1,680—						
Junior library assistant	0.5	1,860	0.5	1,860	0.5	1,860
Assistant scientific illustrator					0.2	1,500
Clerical, administrative, and fiscal service—						
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant	0.5	2,700	0.5	2,700	0.5	2,700
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	8	1,762	8	1,762	5	1,754
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	7	1,577	7	1,577	7.5	1,615
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	2	1,380	2	1,380	1.8	1,286
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	1.7	1,118	1.7	1,118	1.7	1,140
Custodial service—						
Grade 3, $1,020 to $1,260; average, $1,140—						
Senior laborer	1	1,200	1	1,200		
Grade 1, $600 to $780; average, $690—						
Junior messenger	1	600	1	600	0.9	600
Total average number of employees	40.9		37.9		32.7	
Total salaries, departmental service		93,630.00		85,830.00		75,009.17
The difference between 1929 and 1928 is due to increase in force, $7,800.						
Field service:						
Salaries and wages—						
Salary range, $5,200 to $6,000; average, $5,600—						
Senior physiologist	1	5,400	1	5,400	0.7	5,200
Salary range, $3,800 to $5,000; average, $4,400—						
Pomologist	1	4,000	1	4,000	1	4,000
Biophysicist	1	3,800	0.2	3,800		
Salary range, $3,000 to $3,600; average, $3,300—						
Associate pomologist	4	3,300	4	3,300	4	3,250
Associate botanist	1	3,600	1	3,600	1	3,500
Associate biophysicist					0.3	3,300
Associate physiologist	2	3,200	2	3,200	2	3,100
Associate horticulturist	0.4	3,200	0.4	3,200	0.4	3,000

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

Salaries and Expenses, Bureau of Plant Industry—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Field service—Continued.					
Salaries and wages—Continued.	*Average—*	*Average—*	*Average—*		
Salary range, $2,400 to $3,000; average, $2,700—	*No.* *Salary*	*No.* *Salary*	*No.* *Salary*		
Assistant pomologist	1 $2,800	1 $2,800	1 $2,700		
Assistant physiologist	1 2,800	1 2,800	1 2,600		
Assistant marketing specialist	1 2,500	1 2,500	0.8 2,400		
Salary range, $2,100 to $2,700; average, $2,400—					
Principal scientific aid	1 2,100	1 2,100			
Salary range, $1,860 to $2,400; average, $2,111.42—					
Junior marketing specialist	1 2,200	1 2,200	0.8 1,930		
Junior pomologist	3 2,020	2 2,100	1.9 1,860		
Senior scientific aid	1 2,100	1 2,100	1 2,100		
Senior mechanic	1 2,200	1 2,200			
Salary range, $1,680 to $2,040; average, $1,860—					
Scientific aid	2 1,860	2 1,860	1.9 1,741		
Salary range, $1,500 to $1,860; average, $1,680—					
Assistant mechanic	1 1,680	1 1,680	1 1,680		
Assistant clerk	1.5 1,520	1.5 1,520	1.5 1,520		
Per diem and other unclassified employees—					
Laborer	4 1,319	4 1,319	3.5 1,374		
Collaborator	1 12	1 12	1 12		
Total average number of regular employees	29.9	28.1	24.8		
Total salaries, regular employees	73,327.00	68,299.00	58,708.51		
Temporary employees at salaries ranging from $720 to $2,100 per year	16	12	20		
Total salaries and wages, temporary employees	8,750.00	7,350.00	7,149.08		
Total number of employees	45.9	40.1	44.8		
Total salaries and wages, field service	82,077.00	75,649.00	65,857.59		
The difference between 1929 and 1928 is due to increase in force, $6,428.					
01 Total personal services	175,707.00	161,479.00	140,866.76		
Supplies and materials:					
0200 Stationery and office supplies	2,140.00	1,440.00	2,123.74		
0220 Scientific and educational supplies	4,370.00	2,230.00	4,858.20		
0230 Fuel	306.00	306.00	344.21		
0250 Forage	20.00	20.00	99.54		
0280 Sundry supplies	2,335.00	1,635.00	2,210.52		
0290 Materials	140.00	40.00	33.91		
02 Total supplies and materials	9,311.00	5,671.00	9,670.12		
04 Subsistence and care of animals			7.50		
Communication service:					
0500 Telegraph service	345.00	345.00	254.99		
0510 Telephone service	663.00	663.00	662.32		
0520 Other communication service	61.00	61.00	82.51		
05 Total communication service	1,069.00	1,069.00	999.82		
Travel expenses:					
0615 Transportation	13,524.00	11,492.00	11,989.57		
0616 Subsistence	7,958.00	7,078.00	8,750.43		
06 Total travel expenses	21,482.00	18,570.00	20,740.00		
07 Transportation of things (service)	1,440.00	1,190.00	1,430.92		
Printing, engraving, and lithographing:					
0820 Stenographic work, typewriting, multigraphing, and mimeographing	50.00	50.00	61.07		
0830 Photographing and making photographs and prints	385.00	385.00	499.36		
08 Total printing, engraving, and lithographing	435.00	435.00	560.43		
10 Furnishing light, power, water, and electricity	1,010.00	1,010.00	1,119.88		
Rents:					
1100 Rent of buildings and structures	840.00	840.00	865.00		
1110 Other rents	300.00	300.00	300.50		
11 Total rents	1,140.00	1,140.00	1,165.50		
12 Repairs and alterations	1,837.00	1,587.00	1,612.54		
13 Special and miscellaneous current expenses	6,809.00	1,199.00	4,520.62		
Equipment:					
3010 Furniture, furnishings, and fixtures	1,635.00	1,485.00	1,321.16		
3020 Educational, scientific, and recreational equipment	975.00	775.00	797.84		
3050 Other equipment	1,950.00	1,850.00	2,452.73		
30 Total equipment	4,560.00	4,110.00	4,571.73		
Structures and parts:					
3210 Other structures	200.00	200.00	1,817.46		
3220 Nonstructural improvements			752.20		
32 Total structures and parts	200.00	200.00	2,569.66		
		197,660.00	189,835.48		
Unobligated balance			5,252.19		
Total	225,000.00	197,660.00	195,087.67		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Salaries and Expenses, Bureau of Plant Industry—Continued. To cultivate and care for the gardens and grounds of the Department of Agriculture in the city of Washington, including the upkeep and lighting of the grounds and the construction, surfacing, and repairing of roadways and walks; and to erect, manage, and maintain conservatories, greenhouses, and plant and fruit propagating houses on the grounds of the Department of Agriculture in the city of Washington, [$89,500] (*U. S. C., p. 56, secs. 511, 512; p. 95, secs. 111–114; act Jan. 18, 1927, vol. 44, pp. 895–988*)	$99,000.00	

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Subprofessional service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 8, $2,100 to $2,700; average, $2,400— Chief scientific assistant	1	$2,900	1	$2,900	1	$2,700
Grade 6, $1,860 to $2,400; average, $2,111.42— Senior foreman gardener	1	2,100	1	2,100	1	2,100
Grade 5, $1,680 to $2,040; average, $1,860— Foreman gardener	1	1,740	1	1,740	1	1,740
Grade 4, $1,500 to $1,860; average, $1,680— Head gardener	11	1,571	11	1,571	10.9	1,568
Grade 3, $1,320 to $1,680; average, $1,500— Gardener	7	1,371	7	1,371	7.2	1,362
Grade 2, $1,140 to $1,500; average, $1,320— Assistant gardener	22	1,184	22	1,184	21.7	1,174
Clerical, administrative, and fiscal service—						
Grade 3, $1,500 to $1,860; average, $1,680— Assistant clerk	1	1,620	1	1,620	1	1,695
Custodial service—						
Grade 7, $1,680 to $2,040; average, $1,860— Senior mechanic	1	1,860	1	1,860	0.3	1,860
Grade 6, $1,500 to $1,860; average, $1,680— Mechanic					0.7	1,860
Grade 5, $1,320 to $1,680; average, $1,500— Junior mechanic	2	1,440	2	1,440	2	1,410
Grade 3, $1,020 to $1,260; average, $1,140— Senior laborer	5	1,056	5	1,056	5	1,056
Grade 2, $900 to $1,140; average, $1,020— Junior laborer	8	960	8	960	8	933
Grade 1, $600 to $780; average, $690— Junior messenger	1	600	1	600	1	600
Total average number of employees	61		61		60.8	
01 Total salaries, departmental service		79,580.00		79,580.00		78,620.83
Supplies and materials:						
0200 Stationery and office supplies		125.00		125.00		137.23
0220 Scientific and educational supplies		625.00		335.00		328.39
0230 Fuel		15.00		15.00		3.19
0250 Forage		400.00		400.00		413.32
0280 Sundry supplies		200.00		200.00		198.16
0290 Materials		100.00		100.00		21.16
02 Total supplies and materials		1,465.00		1,175.00		1,101.45
04 Subsistence and care of animals		100.00		100.00		46.97
Communication service:						
0500 Telegraph service		10.00		10.00		
0510 Telephone service		65.00		65.00		59.76
05 Total communication service		75.00		75.00		59.76
07 Transportation of things (service)		1,200.00		1,200.00		1,253.74
10 Furnishing of light, power, water, and electricity		2,394.00		2,394.00		2,451.90
12 Repairs and alterations		13,690.00		4,190.00		3,273.01
13 Special and miscellaneous current expenses		20.00		20.00		16.97
Equipment:						
3010 Furniture, furnishings, and fixtures		26.00		26.00		32.37
3020 Educational, scientific, and recreational equipment		50.00		50.00		45.00
3050 Other equipment		300.00		300.00		839.03
30 Total equipment		376.00		376.00		916.40
32 Nonstructural improvements		100.00		100.00		41.55
				89,210.00		87,782.58
Unobligated balance						1,117.42
Reserve				290.00		
Total		99,000.00		89,500.00		88,900.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), data of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Salaries and Expenses, Bureau of Plant Industry—Continued. For horticultural investigations, including the study of producing and harvesting truck and related crops, including potatoes, and studies of the physiological and related changes of vegetables while in the processes of marketing and in commercial storage, and the study of landscape and vegetable gardening, floriculture, and related subjects, [$115,000] (*U. S. C., p. 56, secs. 511, 512; p. 95, secs. 111–114; act Jan. 18, 1927, vol. 44, pp. 985–988*)	$140,000.00	

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 5, $5,200 to $6,000; average, $5,600—						
Senior scientist	0.3	$5,200	0.3	$5,200	0.3	$5,200
Grade 4, $3,800 to $5,000; average, $4,400—						
Scientist	4	4,050	3	4,133	3	4,067
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate scientist	8	3,150	6	3,400	5	3,130
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant scientist	2	2,400	2	2,400	1.4	2,500
Grade 1, $1,860 to $2,400; average, $2,111.42—						
Junior scientist	2	2,400	2	2,400	2	2,250
Subprofessional service—						
Grade 5, $1,680 to $2,040; average, $1,860—						
Scientific aid	1	1,860	1	1,860	1	1,800
Grade 4, $1,500 to $1,860; average, $1,680—						
Junior library assistant	0.3	1,860	0.3	1,860	0.3	1,860
Assistant scientific aid	1	1,800	1	1,800	1	1,740
Grade 1, $900 to $1,260; average, $1,080—						
Minor scientific helper	1	900	1	900	1	900
Clerical, administrative, and fiscal service—						
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant	0.3	2,700	0.3	2,700	0.3	2,700
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior photographer	1	1,860	1	1,860	1	1,860
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	5	1,824	4	1,860	4	1,808
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	4	1,590	4	1,590	3	1,550
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	2	1,470	2	1,470	1	1,500
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	1	1,260	1	1,260	1	1,260
Custodial service—						
Grade 3, $1,020 to $1,260; average, $1,140—						
Senior laborer					0.8	1,140
Grade 1, $600 to $780; average, $690—						
Junior messenger	1	600	1	600	0.1	600
Total average number of employees	33.9		29.9		26.2	
Total salaries, departmental service		80,954.00		69,474.00		61,366.67
The difference between 1929 and 1928 is due to increase in force, $11,480.						
Field service:						
Salaries and wages—						
Salary range, $3,000 to $3,600; average, $3,300—						
Associate horticulturist	2	3,250	2	3,250	1.4	3,357
Salary range, $1,860 to $2,400; average, $2,111.42—						
Senior scientific aid	1	2,100	1	2,100		
Salary range, $1,680 to $2,040; average, $1,860—						
Scientific aid	1	1,800	1	1,800	1	1,800
Mechanic					1	2,012
Salary range, $1,320 to $1,680; average, $1,500—						
Gardener	1	1,680	1	1,680	0.6	1,650
Junior clerk	1	1,320	1	1,320	0.8	1,380
Per diem and other unclassified employees—						
Field assistant	2	1,500				
Agent	1	1,500	1	1,500	1	1,500
Collaborator	1	30	1	30	1	30
Laborer	4	1,443	4	1,443	2.1	1,463
Total average number of regular employees	14		12		8.9	
Total salaries, regular employees		23,701.00		20,701.00		15,216.06
Temporary employees at salaries ranging from $1 to $2,100 per year	15		15		28	
Total salaries and wages, temporary employees		10,430.00		10,430.00		12,793.43
Total number of employees	29		27		36.9	
Total salaries and wages, field service		34,131.00		31,131.00		28,009.49
Deduct allowance value of quarters		600.00		600.00		396.00
Net salaries and wages, field service		33,531.00		30,531.00		27,613.49
The difference between 1929 and 1928 is due to increase in force, $3,000.						
01 Total personal services		114,485.00		100,005.00		88,980.16

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Bureau of Plant Industry—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Supplies and materials:			
0200	Stationery and office supplies	$910.00	$410.00	$646.00
0220	Scientific and educational supplies	2,570.00	1,070.00	1,853.39
0230	Fuel			53.69
0250	Forage			21.62
0280	Sundry supplies	1,680.00	680.00	1,081.50
0290	Materials	100.00	100.00	165.53
02	Total supplies and materials	5,260.00	2,260.00	3,821.73
04	Subsistence and care of animals			2.00
	Communication service:			
0500	Telegraph service	52.00	52.00	57.92
0510	Telephone service	165.00	165.00	217.38
0520	Other communication service			1.80
05	Total communication service	217.00	217.00	277.10
	Travel expenses:			
0615	Transportation	7,484.00	4,984.00	5,073.09
0616	Subsistence	4,672.00	3,172.00	2,950.01
06	Total travel expenses	12,156.00	8,156.00	8,023.10
07	Transportation of things (service)	850.00	530.00	804.60
	Printing, engraving, and lithographing:			
0810	Lithographing, engraving, and engrossing			3.00
0820	Stenographic work, typewriting, multigraphing, and mimeographing	25.00	25.00	14.78
0830	Photographing, and making photographs and prints	25.00	25.00	22.20
08	Total printing, engraving, and lithographing	50.00	50.00	39.98
10	Furnishing light, power, water, and electricity	1,075.00	1,075.00	1,188.43
11	Other rents	212.00	212.00	332.00
12	Repairs and alterations	375.00	375.00	617.33
13	Special and miscellaneous current expenses	3,970.00	706.00	3,111.00
	Equipment:			
3010	Furniture, furnishings, and fixtures	375.00	175.00	226.84
3020	Educational, scientific, and recreational equipment	700.00	200.00	270.97
3050	Other equipment	275.00	175.00	182.35
30	Total equipment	1,350.00	550.00	680.16
	Structures and parts:			
3210	Other structures			178.20
3220	Nonstructural improvements			39.25
32	Total structures and parts			217.45
			114,136.00	108,095.04
	Unobligated balance			1,997.29
	Reserve		864.00	
	Total	140,000.00	115,000.00	110,092.33

For investigating, in cooperation with States or privately owned nurseries, methods of propagating fruit trees, ornamental and other plants, the study of stocks used in propagating such plants and methods of growing stocks, for the purpose of providing American sources of stocks, cuttings, or other propagating materials (*U. S. C., p. 56, secs. 511, 512; p. 95, secs. 111–114; act Jan. 18, 1927, vol. 44, pp. 985–988*) $21,800.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
Grade 5, $5,200 to $6,000; average, $5,600—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Senior scientist	0.1	$5,200	0.1	$5,200	0.1	$5,200
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate scientist	1	3,300	1	3,300	1	3,200
Subprofessional service—						
Grade 4, $1,500 to $1,860; average, $1,680—						
Junior library assistant	0.1	1,860	0.1	1,860	0.1	1,860

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Bureau of Plant Industry—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Departmental service—Continued.			
	Salaries—Continued.			
	Clerical, administrative, and fiscal service—	*Average—*	*Average—*	*Average—*
	Grade 7, $2,400 to $3,000; average, $2,700—	*No.* *Salary*	*No.* *Salary*	*No.* *Salary*
	Junior administrative assistant	0.1 $2,700	0.1 $2,700	0.1 $2,700
	Grade 4, $1,680 to $2,040; average, $1,860—			
	Clerk	1 1,800	1 1,800	1 1,800
	Grade 2, $1,320 to $1,680; average, $1,500—			
	Junior clerk			1 1,380
	Total average number of employees	2.3	2.3	3.3
	Total salaries, departmental service	5,913.00	5,913.00	7,193.33
	Field service:			
	Salaries and wages—			
	Salary range, $3,800 to $5,000; average, $4,400—			
	Pomologist	1 4,000	1 4,000	0.8 4,000
	Salary range, $2,400 to $3,000; average, $2,700—			
	Assistant pomologist	1 2,800	1 2,800	1 2,600
	Salary range, $1,860 to $2,400; average, $2,111.42—			
	Senior scientific aid	0.3 2,400	0.3 2,400	0.3 2,400
	Per diem and other unclassified field employees—			
	Agent	0.5 1,080	0.5 1,080	0.5 1,080
	Laborer	1 1,460	1 1,460	0.6 1,460
	Total average number of regular employees	3.8	3.8	3.2
	Total salaries, regular employees	9,600.00	9,600.00	8,693.17
	Temporary employees at salaries ranging from $1,080 to $1,740 per year	3	3	6
	Total salaries and wages, temporary employees	2,700.00	2,700.00	2,907.10
	Total number of employees	6.8	6.8	9.2
	Total salaries and wages, field service	12,300.00	12,300.00	11,600.27
	Deduct allowance value of quarters	267.00	267.00	267.00
	Net salaries and wages, field service	12,033.00	12,033.00	11,333.27
01	Total personal services	17,946.00	17,946.00	18,526.60
	Supplies and materials:			
0200	Stationery and office supplies	380.00	380.00	132.97
0220	Scientific and educational supplies	145.00	145.00	348.35
0250	Forage			2.53
0280	Sundry supplies	475.00	475.00	387.84
0290	Materials	10.00	10.00	8.80
02	Total supplies and materials	1,010.00	1,010.00	880.49
04	Subsistence and care of animals			4.50
	Communication service:			
0500	Telegraph service	15.00	15.00	16.22
0510	Telephone service	30.00	30.00	33.50
05	Total communication service	45.00	45.00	49.72
	Travel expenses:			
0615	Transportation	700.00	700.00	710.07
0616	Subsistence	200.00	200.00	267.33
06	Total travel expenses	900.00	900.00	977.40
07	Transportation of things (service)	75.00	75.00	74.96
08	Photographing, and making photographs and prints	2.00	2.00	1.63
10	Furnishing light, power, water, and electricity	150.00	150.00	326.17
11	Other rents	70.00	70.00	132.75
12	Repairs and alterations	150.00	150.00	168.33
13	Special and miscellaneous current expenses	662.00	262.00	613.69
	Equipment:			
3010	Furniture, furnishings, and fixtures	465.00	465.00	236.43
3020	Educational, scientific, and recreational equipment	100.00	100.00	102.80
3050	Other equipment	25.00	25.00	98.21
30	Total equipment	590.00	590.00	437.44
32	Structures	200.00	200.00	86.00
			21,400.00	22,279.68
	Unobligated balance			900.32
	Reserve		400.00	
	Total	21,800.00	21,800.00	23,180.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Salaries and Expenses, Bureau of Plant Industry—Continued. For continuing the necessary improvements to establish and maintain a general experiment farm and agricultural station on the Arlington estate, in the State of Virginia, in accordance with the provisions of the act of Congress approved April 18, 1900, $57,000: *Provided*, That the limitations in this act as to the cost of farm buildings shall not apply to this paragraph (*U. S. C., p. 56, sees. 511, 512; p. 95, sees. 111–114; act Jan. 18, 1927, vol. 44, pp. 985–988*)	$57,000.00	

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:							
Salaries and wages—		*Average—*		*Average—*		*Average—*	
Salary range, $3,800 to $5,000; average, $4,400—		*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Horticulturist and superintendent		1	$4,600	1	$4,600	1	$4,500
Salary range, $3,000 to $3,600; average, $3,300—							
Associate horticulturist		1	3,000	1	3,000	1	3,000
Salary range, $2,100 to $2,700; average, $2,400—							
Principal scientific aid		1	2,100	1	2,100	1	2,100
Salary range, $1,860 to $2,400; average, $2,111.42—							
Senior mechanic		0.8	2,200	0.8	2,200		
Senior foreman gardener		1	2,300	1	2,300	1	2,200
Senior clerk		1	2,400	1	2,400	1	2,400
Salary range, $1,680 to $2,040; average, $1,860—							
Carpenter		1	2,030	1	2,030	1.6	2,163
Mechanic		5	1,824	5	1,824	3.8	1,846
Salary range, $1,500 to $1,860; average, $1,680—							
Assistant scientific aid		1	1,620	1	1,620		
Head gardener		1.1	1,741	1.1	1,741	2	1,684
Assistant clerk		1	1,680	1	1,680	1	1,620
Assistant mechanic		1	1,800	1	1,800	1	1,740
Salary range, $1,320 to $1,680; average, $1,500—							
Gardener		7	1,354	7	1,354	7	1,346
Chauffeur		1	1,380	1	1,380	0.4	1,380
Painter		1	1,680	1	1,680	0.3	1,680
Total number of employees		24.9		24.9		22.1	
Total salaries and wages, field service			46,755.00		46,755.00		41,965.30
Deduct allowance value of quarters			760.00		760.00		760.00
01 Net salaries and wages, field service			45,995.00		45,995.00		41,205.30
Supplies and materials:							
0200 Stationery and office supplies			250.00		200.00		414.70
0210 Medical and hospital supplies			50.00		50.00		
0220 Scientific and educational supplies			50.00		50.00		
0230 Fuel			2,200.00		2,000.00		2,061.17
0250 Forage			400.00		400.00		398.83
0280 Sundry supplies			1,440.00		1,400.00		1,606.86
0290 Materials			2,000.00		2,000.00		3,983.23
02 Total supplies and materials			6,390.00		6,100.00		8,464.79
Communication service:							
0500 Telegraph service			5.00		5.00		.54
0510 Telephone service			250.00		250.00		212.73
05 Total communication service			255.00		255.00		213.27
Travel expenses:							
0615 Transportation			50.00		50.00		46.02
0616 Subsistence			20.00		20.00		6.00
06 Total travel expenses			70.00		70.00		52.02
07 Transportation of things (service)			160.00		160.00		262.71
09 Advertising and publishing notices							36.39
10 Furnishing light, power, water, and electricity			700.00		700.00		701.04
12 Repairs and alterations			1,375.00		1,375.00		1,660.24
13 Special and miscellaneous current expenses			25.00		25.00		118.63
Equipment:							
3000 Passenger-carrying vehicles							1,365.16
3010 Furniture, furnishings, and fixtures			70.00		70.00		88.51
3020 Educational, scientific, and recreational equipment			10.00		10.00		10.80
3040 Livestock			550.00		550.00		
3050 Other equipment			800.00		700.00		812.37
30 Total equipment			1,430.00		1,330.00		2,276.84
Structures and parts:							
3210 Other structures			500.00		400.00		290.54
3220 Nonstructural improvements			100.00		50.00		34.50
32 Total structures and parts			600.00		450.00		325.04
					56,460.00		55,316.27
Unobligated balance							1,683.73
Reserve					540.00		
Total			57,000.00		57,000.00		57,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Salaries and Expenses, Bureau of Plant Industry—Continued. For investigations in foreign seed and plant introduction, including the study, collection, purchase, testing, propagation, and distribution of rare and valuable seeds, bulbs, trees, shrubs, vines, cuttings, and plants from foreign countries and from our possessions, and for experiments with reference to their introduction and cultivation in this country, [$182,300] (*U. S. C., p. 56, secs. 511, 512; p. 95, secs. 111–114; act Jan. 18, 1927, vol. 44, pp. 985–988*)	$190,000.00	

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
Grade 5, $5,200 to $6,000; average, $5,600—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Senior scientist	2	$5,200	2	$5,200	1.8	$5,200
Grade 4, $3,800 to $5,000; average, $4,400—						
Scientist	3	4,067	3	4,067	3	4,000
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate scientist	2	3,300	2	3,300	2	3,175
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant scientist	2	2,550	2	2,550	2	2,450
Subprofessional service—						
Grade 5, $1,680 to $2,040; average, $1,860—						
Scientific aid					0.1	1,860
Foreman gardener	1	1,740	1	1,740	0.8	1,680
Grade 4, $1,500 to $1,860; average, $1,680—						
Head gardener	2	1,710	2	1,710	2	1,695
Assistant scientific aid	1	1,500	1	1,500	1	1,500
Grade 2, $1,140 to $1,500; average, $1,320—						
Under scientific helper					0.6	1,233
Clerical, administrative, and fiscal service—						
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	1	2,500	1	2,500	1	2,500
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	5	1,788	5	1,788	5.9	1,729
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	5	1,536	5	1,536	3.3	1,489
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	3	1,400	3	1,400	3.1	1,337
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	1	1,140	1	1,140	0.8	1,140
Underphotographer	1	1,500	1	1,500	0.2	1,440
Custodial service—						
Grade 3, $1,020 to $1,260; average, $1,140—						
Senior laborer	2	1,050	2	1,050	2	1,050
Total average number of employees	31		31		29.6	
Total salaries, departmental service		69,020.00		69,020.00		65,305.19
Field service:						
Salaries and wages—						
Salary range, $3,000 to $3,600; average, $3,300—						
Associate horticulturist	2	3,200	2	3,200	1.6	3,167
Salary range, $2,400 to $3,000; average, $2,700—						
Superintendent	2	2,850	2	2,850	2	2,850
Salary range, $2,100 to $2,700; average, $2,400—						
Principal scientific aid	4	2,475	4	2,475	2.6	2,652
Salary range, $1,860 to $2,400; average, $2,111.42—						
Junior pomologist					0.5	1,860
Senior scientific aid	1	2,200	1	2,200	2	2,150
Senior plant propagator	2	1,860	2	1,860	2	1,860
Senior clerk	2	2,200	2	2,200	2	2,200
Salary range, $1,500 to $1,860; average, $1,680—						
Assistant scientific aid	3	1,540	3	1,540	2.1	1,577
Head gardener	1	1,560	1	1,560	1	1,560
Salary range, $1,320 to $1,680; average, $1,500—						
Junior scientific aid	1	1,500	1	1,500	1	1,500
Gardener	1	1,680	1	1,680	1.2	1,592
Per diem and other unclassified employees—						
Collaborator	3	200	3	200	2.8	205
Laborer	26	1,240	26	1,240	21.3	1,250
Mess cook	1	540	1	540	1	538
Total average number of regular employees	49		49		43.1	
Total salaries, regular employees		75,058.00		75,058.00		67,099.04
Temporary employees at salaries ranging from $1,080 to $3,420 per year	12		12		28	
Total salaries and wages, temporary employees		6,000.00		6,000.00		13,732.75
Total number of employees	61		61		71.1	
Total salaries and wages, field service		81,058.00		81,058.00		80,831.79
Deduct allowance value of quarters		3,040.00		3,040.00		3,070.00
Net salaries and wages, field service		78,018.00		78,018.00		77,761.79
01 Total personal services		147,038.00		147,038.00		143,066.98

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Bureau of Plant Industry—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Supplies and materials:			
0200	Stationery and office supplies	$1,200.00	$1,200.00	$1,294.47
0210	Medical and hospital supplies			1.45
0220	Scientific and educational supplies	800.00	800.00	594.04
0230	Fuel	1,200.00	1,200.00	1,037.72
0250	Forage	400.00	400.00	370.31
0280	Sundry supplies	4,000.00	4,000.00	3,837.84
0290	Materials	1,500.00	1,500.00	1,410.38
02	Total supplies and materials	9,100.00	9,100.00	8,546.21
04	Subsistence and care of animals	125.00	125.00	120.72
	Communication service:			
0500	Telegraph service	150.00	150.00	124.84
0510	Telephone service	875.00	875.00	861.29
0520	Other communication service	50.00	50.00	29.70
05	Total communication service	1,075.00	1,075.00	1,015.83
	Travel expenses:			
0615	Transportation	5,300.00	5,000.00	5,000.00
0616	Subsistence	3,500.00	2,800.00	2,800.00
06	Total travel expenses	8,800.00	7,800.00	7,800.00
07	Transportation of things (service)	2,500.00	2,500.00	3,729.25
	Printing, engraving, and lithographing:			
0820	Stenographic work, typewriting, multigraphing, and mimeographing	100.00	100.00	111.51
0830	Photographing, and making photographs and prints	150.00	150.00	108.54
08	Total printing, engraving, and lithographing	250.00	250.00	220.05
10	Furnishing light, power, water, and electricity	900.00	900.00	858.95
11	Rents of buildings and structures	406.00	406.00	122.26
12	Repairs and alterations	9,281.00	3,121.00	6,405.73
13	Special and miscellaneous current expenses	250.00	250.00	283.35
	Equipment:			
3010	Furniture, furnishings, and fixtures	800.00	800.00	786.97
3020	Educational, scientific, and recreational equipment	75.00	75.00	60.19
3050	Other equipment	3,000.00	3,000.00	3,768.68
30	Total equipment	3,875.00	3,875.00	4,615.84
	Structures and parts:			
3210	Other structures	1,000.00	1,000.00	6,496.09
3220	Nonstructural improvements	5,400.00	2,000.00	2,008.60
32	Total structures and parts	6,400.00	3,000.00	8,504.69
			179,440.00	185,289.86
	Unobligated balance			10.14
	Reserve		2,860.00	
	Total	190,000.00	182,300.00	185,300.00

For the purchase, propagation, testing, and distribution of new and rare seeds; for the investigation and improvement of grasses, alfalfa, clover, and other forage crops, including the investigation of the utilization of cacti and other dry-land plants, [$120,500] *(U. S. C., p. 56, secs. 511, 512; p. 95, secs. 111–114; act Jan. 18, 1927, vol. 44, pp. 985–988)* $165,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
Grade 5, $5,200 to $6,000; average, $5,600—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Senior scientist	2	$5,400	2	$5,400	2	$5,400
Grade 4, $3,800 to $5,000; average, $4,400—						
Scientist	4	4,200	4	4,200	4	4,150
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate scientist	1	3,400	1	3,400	1	3,300
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant scientist	5	2,480	1	2,800	1	2,800
Subprofessional service—						
Grade 6, $1,860 to $2,400; average, $2,111 42—						
Senior scientific aid	1	2,100	1	2,100	1	2,100
Grade 5, $1,680 to $2,040; average, $1,860—						
Scientific aid	1	1,680				
Grade 2, $1,140 to $1,500; average, $1,320—						
Under scientific helper	1	1,140				

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Bureau of Plant Industry—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Departmental service—Continued.			
Salaries—Continued.			
Clerical, administrative, and fiscal service—	*Average—*	*Average—*	*Average—*
	No. *Salary*	*No.* *Salary*	*No.* *Salary*
Grade 7, $2,400 to $3,000; average, $2,700—			
Junior administrative assistant	0.2 $2,800	0.2 $2,800	0.2 $2,800
Grade 6, $2,100 to $2,700; average, $2,400—			
Principal clerk	1 2,300	1 2,300	1 2,300
Grade 5, $1,860 to $2,400; average, $2,111.42—			
Senior clerk	1 2,300	1 2,300	0.5 2,300
Grade 4, $1,680 to $2,040; average, $1,860—			
Clerk	3 1,820	3 1,820	3 1,820
Grade 3, $1,500 to $1,860; average, $1,680—			
Assistant clerk	9 1,572	6 1,610	6 1,588
Grade 1, $1,140 to $1,500; average, $1,320—			
Underclerk	1 1,260	1 1,260	1 1,260
Custodial service—			
Grade 1, $600 to $780; average, $690—			
Junior messenger	1 600	1 600	0.9 690
Unclassified employee—			
Office laborer	1 300	1 300	0.7 300
Total average number of employees	32.2	23.2	22.3
Total salaries, departmental service	75,540.00	58,620.00	51,729.92
The difference between 1929 and 1928 is due to increase in force, $16,920			
Field service:			
Salaries and wages—			
Salary range, $3,000 to $3,600; average, $3,300—			
Associate agronomist	3 3,133	3 3,133	3 3,133
Salary range, $2,400 to $3,000; average, $2,700—			
Assistant agronomist	8 2,450	3 2,533	3.5 2,482
Assistant physiologist	1 2,400		
Salary range, $1,860 to $2,400; average, $2,111.42—			
Junior agronomist	3 1,940	1 2,100	1 1,860
Salary range, $1,680 to $2,040; average, $1,860—			
Scientific aid	2 1,920	2 1,920	2 1,905
Per diem and other unclassified employees (agent)	10 1,012	10 1,012	4.3 1,261
Total average number of regular employees	27	19	13.8
Total salaries, regular employees	51,181.00	33,061.00	29,178.48
Temporary employees at salaries ranging from $540 to $3,300 per year	26	23	47
Total salaries and wages, temporary employees	13,000.00	11,500.00	17,580.60
Total number of employees	53	42	60.8
Total salaries and wages, field service	64,181.00	44,561.00	46,759.08
Deduct allowance value of quarters	400.00	400.00	400.00
Net salaries and wages, field service	63,781.00	44,161.00	46,359.08
The difference between 1929 and 1928 is due to increase in force, $19,620.			
01 Total personal services	139,321.00	102,781.00	98,089.00
Supplies and materials:			
0200 Stationery and office supplies	1,000.00	500.00	424.87
0220 Scientific and educational supplies	2,900.00	1,400.00	1,563.19
0230 Fuel	100.00	100.00	150.94
0250 Forage	50.00	50.00	53.40
0280 Sundry supplies	1,225.00	925.00	779.67
0290 Materials	225.00	25.00	36.94
02 Total supplies and materials	5,500.00	3,000.00	3,009.01
04 Subsistence and care of animals	100.00	100.00	110.30
Communication service:			
0500 Telegraph service	75.00	75.00	51.12
0510 Telephone service	715.00	715.00	868.28
0520 Other communication service	10.00	10.00	9.33
05 Total communication service	800.00	800.00	928.73
Travel expenses:			
0615 Transportation	6,363.00	4,413.00	4,073.47
0616 Subsistence	4,735.00	2,975.00	3,315.10
06 Total travel expenses	11,348.00	7,388.00	7,388.57
07 Transportation of things (service)	875.00	875.00	871.45
Printing, engraving, and lithographing:			
0820 Stenographic work, typewriting, multigraphing, and mimeographing	25.00	25.00	33.16
0830 Photographing, and making photographs and prints	125.00	125.00	140.21
08 Total printing, engraving, and lithographing	150.00	150.00	173.37
09 Advertising and publishing notices	50.00	50.00	57.86

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Bureau of Plant Industry—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Rents:			
1100	Rent of buildings and structures	$60.00	$60.00	$45.00
1110	Other rents	2,180.00	1,680.00	1,890.05
11	Total rents	2,240.00	1,740.00	1,935.05
12	Repairs and alterations	800.00	800.00	870.75
13	Special and miscellaneous current expenses	1,716.00	1,716.00	2,966.58
	Equipment:			
3010	Furniture, furnishings, and fixtures	400.00	400.00	479.43
3020	Educational, scientific, and recreational equipment	600.00	100.00	113.95
3050	Other equipment	1,000.00	500.00	408.69
30	Total equipment	2,000.00	1,000.00	1,002.07
	Structures and parts:			
3210	Other structures	50.00	50.00	50.44
3220	Nonstructural improvements	50.00	50.00	22.00
32	Total structures and parts	100.00	100.00	72.44
	Unobligated balance		120,500.00	117,475.18
				553.98
	Total	165,000.00	120,500.00	118,029.16

For biophysical investigations in connection with the various lines of work herein authorized (*U. S. C., p. 56, secs. 511, 512; p. 95, secs. 111–114; act Jan. 18, 1927, vol. 44, pp. 985–988*) $35,812.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 5, $5,200 to $6,000; average, $5,600—						
Senior scientist	1	$5,200	1	$5,200	1	$5,200
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate scientist	4	3,050	4	3,050	2.4	3,000
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant scientist	1	2,700	1	2,700	2.6	2,878
Subprofessional service—						
Grade 6, $1,860 to $2,400; average, $2,111.42—						
Senior laboratory mechanic	1	1,860	1	1,860	0.9	1,890
Grade 4, $1,500 to $1,860; average, $1,680—						
Assistant scientific aid	1	1,860	1	1,860	1	1,800
Grade 1, $900 to $1,260; average, $1,080—						
Minor scientific helper	2	1,020	2	1,020	1	1,110
Clerical, administrative, and fiscal service—						
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	1	1,920	1	1,920	1	1,920
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	1	1,560	1	1,560	1	1,530
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	0.5	1,140	0.5	1,140	0.1	1,140
Custodial service—						
Grade 1, $600 to $780; average, $690—						
Junior messenger					0.5	600
Total average number of employees	12.5		12.5		11.5	
Total salaries, departmental service		29,910.00		29,910.00		28,433.23
Field service:						
Salaries and wages—						
Temporary employees at salaries ranging from $840 to $960 per year	4		4		4	
Total salaries and wages, temporary employees		1,050.00		1,050.00		667.60
01 Total personal services		30,960.00		30,960.00		29,100.83
	Supplies and materials:					
0200	Stationery and office supplies		200.00		200.00	227.78
0220	Scientific and educational supplies		550.00		550.00	861.21
0280	Sundry supplies		172.00		172.00	186.30
0290	Materials		100.00		100.00	101.84
02	Total supplies and materials		1,022.00		1,022.00	1,377.13
	Communication service:					
0500	Telegraph service		10.00		10.00	6.04
0510	Telephone service		50.00		50.00	36.82
05	Total communication service		60.00		60.00	42.86

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Bureau of Plant Industry—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Travel expenses:			
0615	Transportation	$600.00	$500.00	$685.83
0616	Subsistence	400.00	200.00	274.67
06	Total travel expenses	1,000.00	700.00	960.50
07	Transportation of things (service)	330.00	150.00	282.93
08	Photographing and photographs and prints	10.00	10.00	3.34
11	Other rents	280.00	280.00	280.00
12	Repairs and alterations	200.00	200.00	221.35
13	Special and miscellaneous current expenses	700.00	500.00	636.42
	Equipment:			
3010	Furniture, furnishings, and fixtures	300.00	300.00	626.40
3020	Educational, scientific, and recreational equipment	750.00	750.00	1,255.53
3050	Other equipment	200.00	200.00	179.20
30	Total equipment	1,250.00	1,250.00	2,061.13
			35,132.00	34,866.49
	Unobligated balance			845.51
	Reserve		680.00	
	Total	35,812.00	35,812.00	35,812.00

Total, Bureau of Plant Industry, [$3,918,925] *$4,280,537*, of which amount not to exceed [$1,393,800] *$1,488,400* may be expended for personal services in the District of Columbia ..... $4,280,537.00 | $3,918,925.00

FOREST SERVICE

Salaries and Expenses, Forest Service—

To enable the Secretary of Agriculture to experiment and to make and continue investigations and report on forestry, national forests, forest fires, and lumbering, but no part of this appropriation shall be used for any experiment or test made outside the jurisdiction of the United States; to advise the owners of woodlands as to the proper care of the same; to investigate and test American timber and timber trees and their uses, and methods for the preservative treatment of timber; to seek through investigations and the planting of native and foreign species, suitable trees for the treeless regions; to erect necessary buildings: *Provided*, That the cost of any building purchased, erected, or as improved shall not exceed $1,500 except as provided by the act of March 3, 1925; to pay all expenses necessary to protect, administer, and improve the national forests, including tree planting in the forest reserves to prevent erosion, drift, surface wash, and soil waste and the formation of floods, and including the payment of rewards under regulations of the Secretary of Agriculture for information leading to the arrest and conviction for violation of the laws and regulations relating to fires in or near national forests, or for the unlawful taking of, or injury to, Government property; to ascertain the natural conditions upon and utilize the national forests; to transport and care for fish and game supplied to stock the national forests or the waters therein; to employ agents, clerks, assistants, and other labor required in practical forestry and in the administration of national forests in the city of Washington and elsewhere; to collate, digest, report, and illustrate the results of experiments and investigations made by the Forest Service; to purchase necessary supplies, apparatus, office fixtures, law books, *reference* and technical books and technical journals for officers of the Forest Service stationed outside of Washington, and for medical supplies and services and other assistance necessary for the immediate relief of artisans, laborers, and other employees engaged in any hazardous work under the Forest Service; to pay freight, express, telephone, and telegraph charges; for electric light and power, fuel, gas, ice, and washing towels, and official traveling and other necessary expenses, including traveling expenses for legal and fiscal officers while performing Forest Service work; and for rent outside of the District of Columbia, as follows (*U. S. C., p. 56, secs. 511, 512; pp. 419–430, secs. 471, 472, 474, 476, 488, 492, 495, 497, 499–502, 505–509, 512–519, 521, 524, 551, 552, 554, 555, 557, 558, 560, 562–572, 605, 614, 615; p. 1009, sec. 583; pp. 1940, 1941, secs. 562a, 562b, 565, 614, 615; act Jan. 18, 1927, vol. 44, pp. 988–991*):

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Salaries and Expenses, Forest Service—Continued. For necessary expenses for general administrative purposes, including the salary of the Chief Forester and other personal services in the District of Columbia, [$366,748] (*U. S. C., p. 56, secs. 511, 512; pp. 419–430, secs. 471–472, 474, 476, 488, 492, 495, 497, 499–502, 505–509, 512–519, 521, 524, 551, 552, 554–555, 557, 558, 560, 562–572, 605, 614–615; p. 1009, sec. 533; pp. 1940, 1941, secs. 562a, 562b, 565, 614–615; act Jan. 18, 1927, vol. 44, pp. 988–991*)	$360,000.00	

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average—		*Average*—		*Average*—	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Departmental service:						
Salaries—						
Professional and scientific service—						
Grade 7, $7,500 and over—						
Chief of Forest Service	1	$7,500	1	$7,500	0.3	$7,500
Grade 6, $6,000 to $7,500; average, $6,750—						
Chief of Forest Service					0.7	7,000
Associate chief, Forest Service	1	6,000	1	6,000		
Grade 5, $5,200 to $6,000; average, $5,600—						
Senior forester	1.5	5,533	1.7	5,541	2.7	5,526
Senior engineer	2	5,600	0.2	5,600	0.3	5,400
Grade 4, $3,800 to $5,000; average, $4,400—						
Forest inspector	2.2	4,327	2.2	4,327	1.7	4,211
Logging engineer					1	3,973
Engineer	1.3	3,985	1.3	3,985	1.4	3,800
Attorney	1	4,000	1	4,000	1	4,000
Forester	1	4,800	1	4,800	2	4,477
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate engineer	0.5	3,300	0.5	3,300	0.4	3,354
Subprofessional service—						
Grade 8, $2,400 to $3,000; average, $2,700—						
Chief draftsman	3	2,567	3	2,567	3	2,483
Grade 7, $2,100 to $2,700; average, $2,400—						
Principal draftsman	6	2,250	6	2,250	6	2,200
Principal engineering draftsman	1	2,100	1	2,100	0.9	2,100
Grade 6, $1,860 to $2,400; average, $2,111.42—						
Senior artist	2	2,100	2	2,100	2	2,100
Grade 5, $1,680 to $2,040; average, $1,860—						
Draftsman	6	1,740	6	1,740	5.3	1,698
Grade 3, $1,320 to $1,680; average, $1,500—						
Junior draftsman	4	1,425	4	1,425	4	1,395
Clerical, administrative, and fiscal service—						
Grade 12, $5,200 to $6,000; average, $5,600—						
Senior administrative officer	2.4	5,517	2.4	5,517	2.4	5,260
Grade 11, $3,800 to $5,000; average, $4,400—						
Administrative officer	5	4,280	5	4,280	4.9	4,195
Assistant chief accountant and auditor	1.8	4,500	1.8	4,500	1	4,600
Grade 10, $3,300 to $3,900; average, $3,600—						
Senior accountant and auditor					1	3,300
Junior administrative officer	1.1	3,341	1.1	3,341	0.8	3,300
Senior editor	1	3,600	1	3,600	0.5	3,117
Grade 9, $3,000 to $3,600; average, $3,300—						
Senior administrative assistant	2	3,400	2	3,400	1.8	3,393
Editor	1	3,000	1	3,000	1.2	3,063
Grade 8, $2,700 to $3,300; average, $3,000—						
Administrative assistant	1	3,200	1	3,200	1	3,150
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant	1	2,500	1	2,500	0.2	2,500
Associate accountant and auditor	2	2,900	2	2,900	2	2,775
Chief photographer	1	2,500	1	2,500	1	2,500
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	8	2,325	8	2,325	8.5	2,286
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior photographer	4	1,940	4	1,940	4.1	1,908
Senior clerk	8	2,135	8	2,135	8	2,160
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	20	1,805	20	1,805	19.8	1,778
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	15	1,589	15	1,589	17.7	1,575
Assistant photographer	2	1,590	2	1,590	2	1,575
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	11	1,402	11	1,402	9.9	1,372
Junior operative	1	1,500	1	1,500	1	1,440
Grade 1, $1,140 to $1,500; average, $1,320—						
Undertelephone operator	1	1,200	1	1,200	1	1,151
Underoperative	1	1,380	1	1,380	1	1,320
Underclerk	1	1,320	1	1,320	1.8	1,427
Custodial service—						
Grade 6, $1,500 to $1,860; average, $1,680—						
Assistant custodian	2	1,560	2	1,560	2	1,530
Grade 5, $1,320 to $1,680; average, $1,500—						
Junior custodian	1	1,320	1	1,320	1	1,343
Grade 4, $1,140 to $1,500; average, $1,320—						
Undercustodian	1	1,200	1	1,200	1	1,200
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger	6	1,040	6	1,040	5.7	1,020
Senior laborer	2	1,110	2	1,110	2	1,060

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Forest Service—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Departmental service—Continued.			
Salaries—Continued.			
Custodial Service—Continued.	*Average*—	*Average*—	*Average*—
Grade 2, $900 to $1,140; average, $1,020—	*No.* *Salary*	*No.* *Salary*	*No.* *Salary*
Office laborer	4 $960	4 $960	4 $955
Charwoman (part time)	9 379	9 379	9 379
Assistant messenger	1 900	1 900	0.3 900
Grade 1, $600 to $780; average, $690—			
Junior messenger	3 630	3 630	3.7 657
Lavatory attendant			0.7 654
Total average number of employees	152	152.2	154.7
Total salaries, departmental service	317,030.00	318,150.00	317,274.66
The difference between 1929 and 1928 is due to decrease in force, $1,120.			
Field service:			
Salaries and wages—			
Salary range, $3,800 to $5,000; average, $4,400—			
Logging engineer	1 4,200	1 4,200	
Forester	1 4,400	1 4,400	
Assistant chief accountant and auditor	1 4,000	1 4,000	1 4,000
Total average number of employees	3	3	1
Total salaries, field service	12,600	12,600	4,000
01 Total personal services	329,630.00	330,750.00	321,274.66
Supplies and materials:			
0200 Stationery and office supplies	3,800.00	3,800.00	3,798.57
0220 Scientific and educational supplies	120.00	120.00	120.00
0280 Sundry supplies	1,900.00	1,900.00	1,913.10
0290 Materials	300.00	300.00	284.82
02 Total supplies and materials	6,120.00	6,120.00	6,116.49
Communication service:			
0500 Telegraph service	2,400.00	2,400.00	2,410.81
0510 Telephone service	1,600.00	1,600.00	1,600.77
0520 Other communication service	300.00	300.00	248.90
05 Total communication service	4,300.00	4,300.00	4,260.48
Travel expenses:			
0615 Transportation	8,730.00	12,258.00	12,387.88
0616 Subsistence	6,000.00	8,100.00	8,137.21
06 Total travel expenses	14,730.00	20,358.00	20,525.09
07 Transportation of things (service)	600.00	600.00	541.81
08 Photographing and photographs and prints	600.00	600.00	649.18
09 Advertising and publication of notices	1,200.00	1,200.00	1,214.50
10 Furnishing of heat, light, power, etc	100.00	100.00	88.74
11 Other rents	20.00	20.00	15.00
12 Repairs and alterations	400.00	400.00	399.04
13 Special and miscellaneous current expenses	500.00	500.00	580.35
Equipment:			
3010 Furniture, furnishings, and fixtures	200.00	200.00	215.59
3020 Educational, scientific, and recreational equipment	1,600.00	1,600.00	1,626.88
30 Total equipment	1,800.00	1,800.00	1,842.47
			357,507.81
Unobligated balance			9,177.89
Total	360,000.00	366,748.00	366,685.70

For the employment of forest supervisors, deputy forest supervisors, forest rangers, forest guards, and administrative clerical assistants on the national forests, and for additional salaries and field-station expenses, including the maintenance of nurseries, collecting seed, and planting, necessary for the use, maintenance, improvement, and protection of the national forests and of additional national forests created or to be created under section 11 of the act of March 1, 1911 [(Thirty-sixth Statutes at Large, page 963)], and under the act of June 7, 1924 [(Forty-third Statutes at Large, pages 653–655)], and lands under contract for purchase or for the acquisition of which condemnation proceedings have been instituted for the purposes of said acts, and for necessary miscellaneous expenses incident to the general administration of the Forest Service and of the national forests:

In national forest district one, Montana, Washington, Idaho, and South Dakota, [$1.236,186] *$1,352,790*: *Provided*, That the Secretary of Agriculture is authorized to use not to exceed $200 in caring for the graves of fire fighters buried at Wallace, Idaho; Priest River, Idaho; Newport, Washington; and Saint Maries, Idaho $1,352,790

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Salary and Expenses, Forest Service—Continued.		
For the employment of forest supervisors, etc.—Contd.		
In national forest district two, Colorado, Wyoming, South Dakota, Nebraska, Michigan, Oklahoma, and Minnesota, [$757,451] *$763,771*: *Provided*, [That not to exceed $3,000 of the sum appropriated in this paragraph shall be expended for the purchase and maintenance of a herd of long-horned or Spanish breed of cattle for the Wichita National Forest in Oklahoma to the end that the present comparatively few living examples of this historic breed of cattle may be preserved from complete extinction] *That not to exceed $500 of this appropriation may be expended for the maintenance of the herd of long-horned cattle on the Wichita National Forest*	$763,771	
In national forest district three, Arizona and New Mexico, [$666,072]	674,172	
In national forest district four, Utah, Idaho, Wyoming, Nevada, Arizona, and Colorado, [$868,457]	870,957	
In national forest district five, California and Nevada, [$929,523]	1,024,247	
In national forest district six, Washington, Oregon, and California, [$1,012,513]	1,075,973	
In national forest district seven, Arkansas, Alabama, Florida, Georgia, South Carolina, North Carolina, Pennsylvania, Tennessee, Virginia, West Virginia, New Hampshire, Maine, Porto Rico, Maryland, New York, New Jersey, Kentucky, and Illinois, [$430,593]	460,593	
In national forest district eight, Alaska, [$115,697]	121,497	
In all, for the use, maintenance, improvement, protection, and general administration of the national forests, [$6,016,492] *$6,344,000*: *Provided*, That the foregoing amounts appropriated for such purposes shall be available interchangeably in the discretion of the Secretary of Agriculture for the necessary expenditures for fire protection and other unforeseen exigencies: *Provided further*, That the amount so interchanged shall not exceed in the aggregate 10 per centum of all the amounts so appropriated (*U. S. C., p. 56, secs. 511, 512; pp. 419–430, secs. 471, 472, 474, 476, 488, 492, 495, 497, 499–502, 505-509, 512–519, 521, 524, 551, 552, 554, 555, 557, 558, 560, 562–572, 605, 614, 615; p. 1009, sec. 533; pp. 1940, 1941, secs. 562a, 562b, 565, 614, 615; act Jan. 18, 1927, vol. 44, pp. 988–991*)	$6,344,000.00	

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
Salary range, $5,200 to $6,000; average, $5,600—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
District forester	8	$5,475	8	$5,475	8	$5,450
Salary range, $3,800 to $5,000; average, $4,400—						
Assistant district forester	32.6	4,120	32.6	4,120	32.6	4,082
District engineer	1.9	4,050	1.9	4,050	1.9	4,026
Hydroelectric engineer	0.7	4,000	0.7	4,000	0.7	3,900
Logging engineer	3	3,940	3	3,940	3	3,906
Grazing examiner	1	3,800	1	3,800	1	3,800
District fiscal agent	2.7	3,900	2.7	3,900	2.7	3,900
Senior district forest inspector	3.4	4,000	3.4	4,000	3.4	3,986
Administrative officer	2	3,800	2	3,800	2	3,800
Forester	0.3	4,200	0.3	4,200	0.3	4,057
Salary range, $3,300 to $3,900; average, $3,600—						
Forest supervisor	52.2	3,450	52.2	3,450	52.2	3,422
Junior administrative officer	6.5	3,430	6.5	3,430	6.5	3,406
District forest inspector	6.3	3,450	6.3	3,450	6.3	3,420
Senior investigator	0.2	3,400	0.2	3,400	0.2	3,400
District fiscal agent	1	3,300	1	3,300	0.3	3,300
Logging engineer	2	3,400	2	3,400	2	3,400
Salary range, $3,000 to $3,600; average, $3,300—						
Forest supervisor	86.4	3,130	86.4	3,130	86.4	3,106
Logging engineer	6	3,100	6	3,100	6	3,071
Associate range examiner	2.4	3,070	2.4	3,070	2.4	3,069
Senior administrative assistant	5.1	3,100	5.1	3,100	5.1	3,061
Associate civil engineer	1.8	3,100	1.8	3,100	1.8	3,102
Associate district forest inspector	3.1	3,030	3.1	3,030	3.1	3,016
Associate forester	6.2	3,081	5.2	3,100	5.2	3,067
Associate hydroelectric engineer	1	3,000	1	3,000	1	3,000
Mineral examiner	1	3,100	1	3,100	1	3,117
Silviculturist	1	3,200	1	3,200	1	3,138
District fiscal agent	0.4	3,300	0.4	3,300	0.4	3,300
Salary range, $2,700 to $3,300; average, $3,000—						
Forest supervisor	5.3	2,810	5.3	2,840	5.3	2,811
District fiscal agent					0.7	2,833
Administrative assistant	1.3	2,980	1.3	2,980	1.3	2,961
Deputy fiscal agent	0.5	2,700	0.5	2,700	0.5	2,700

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salary and Expenses, Forest Service—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average—		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Field service—Continued.						
Salaries and wages—Continued.						
Salary range, $2,400 to $3,000; average, $2,700—						
Assistant forest supervisor	85.4	$2,473	77.4	$2,480	77.4	$2,456
Junior administrative assistant	2.1	2,660	2.1	2,660	2.1	2,653
Chief surveyor	4.8	2,500	4.8	2,500	4.8	2,490
Assistant range examiner	9.2	2,540	9.2	2,540	9.2	2,516
Chief lumberman	9.6	2,580	9.6	2,580	9.6	2,659
Assistant forester	21.3	2,480	21.3	2,480	21.3	2,460
Chief draftsman	6	2,560	6	2,660	6	2,542
Assistant engineer	0.5	2,500	0.5	2,500	0.5	2,500
Superintendent of road construction	0.7	2,600	0.7	2,600	0.7	2,539
Assistant topographic engineer	1	2,600	1	2,600	1	2,542
Assistant forest utilization engineer	0.8	2,500	0.8	2,500	0.8	2,500
Assistant district forest inspector	2.7	2,550	2.7	2,550	2.7	2,533
Deputy fiscal agent	1.3	2,800	1.3	2,800	1.3	2,806
Principal hydraulic engineering aid	1	2,400	1	2,400	1	2,400
Chief mineral examiner	1	2,400	1	2,400	1	2,400
Salary range, $2,100 to $2,700; average, $2,400—						
Assistant forest supervisor	11.2	2,260	11.2	2,260	11.2	2,237
Principal clerk	42.3	2,260	42.3	2,260	42.3	2,247
Principal surveyor-draftsman			3.6	2,170	3.6	2,152
Principal draftsman			2.2	2,100	2.2	2,106
Superintendent of road construction			0.7	2,500	0.7	2,529
Salary range, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	68	1,975	69	1,973	69	1,953
Senior draftsman			8.7	1,940	8.7	1,920
Junior range examiner	16.8	1,928	12.8	1,950	9.8	1,959
Junior forester	49.2	1,969	50.2	1,969	50.2	1,950
Senior forest ranger	232.7	2,090	232.7	2,090	232.7	2,073
Printer	1	1,860	1	1,860	1	1,860
Senior warehouse foreman	0.5	1,920	0.5	1,920	0.5	1,920
Senior lumberman	10	2,100	10	2,100	10	2,098
Senior engineer	2	2,600	2	2,600	2	2,600
Senior forest planting assistant	1.3	2,100	1.3	2,100	1.3	2,100
Senior engineering draftsman	2.2	2,000	2.2	2,000	2.2	2,001
Salary range, $1,680 to $2,040; average, $1,860—						
Clerk	133.2	1,754	138.2	1,752	138.2	1,735
Warehouse foreman	3.4	1,790	3.4	1,790	3.4	1,764
Forest ranger	675.3	1,838	657.3	1,839	640.3	1,821
Draftsman	7.3	1,720	7.3	1,720	7.3	1,702
Mechanic	1	1,740	1	1,740	1	1,710
Library assistant	1	1,680	1	1,680	1	1,680
Lumberman	7.7	1,830	7.7	1,830	6.7	1,825
Junior engineer	0.7	1,680	0.7	1,680	0.7	1,680
Scientific aid	1	1,860	1	1,860	1	1,860
Engineering draftsman	0.3	1,860	0.3	1,860	0.3	1,867
Scaler	1.2	1,800	1.2	1,800	1.2	1,775
Salary range, $1,500 to $1,860; average, $1,680—						
Assistant clerk	135.1	1,520	135.1	1,520	135.1	1,510
Assistant draftsman	5.5	1,560	5.5	1,560	5.5	1,548
Assistant forest ranger	54.4	1,653	56.4	1,648	53.4	1,633
Assistant sealer	1.8	1,750	1.8	1,750	1.8	1,750
Assistant warehouse foreman	2.6	1,510	2.6	1,510	2.6	1,505
Assistant mechanic	1	1,500	1	1,500	1	1,500
Forest planting assistant	0.2	1,500	0.2	1,500	0.2	1,500
Skilled laborer	2	1,620	2	1,620	2	1,620
Salary range, $1,320 to $1,680; average, $1,500—						
Junior clerk	38	1,360	38	1,360	38	1,353
Junior draftsman	3	1,380	3	1,380	3	1,376
Junior blue printer	0.8	1,320	0.8	1,320	0.8	1,320
Unskilled laborer	1	1,500	1	1,500	1	1,500
Salary range, $1,140 to $1,500; average, $1,320—						
Underoperative	1	1,170	1	1,170	1	1,170
Under blue printer	2.8	1,270	2.8	1,270	2.8	1,264
Underclerk	2.7	1,230	2.7	1,230	2.7	1,227
Packer	1	1,440	1	1,440	1	1,410
Senior messenger	2	1,200	2	1,200	2	1,185
Under telephone operator	3.3	1,320	3.3	1,320	3.3	1,311
Unskilled laborer	4	1,160	4	1,160	4	1,156
Salary range, $1,020 to $1,260; average, $1,140—						
Assistant messenger	3.9	1,020	3.9	1,020	3.9	1,020
Unskilled laborer	2	1,110	2	1,110	2	1,110
Packer	3	1,160	3	1,160	3	1,153
Minor clerk	1.3	1,050	1.3	1,050	1.3	1,035
Salary range, $600 to $780; average, $690—						
Junior messenger	5.3	660	6.3	660	5.3	645
Minor telephone operator	2	600	2	600	2	600
Salary range, $420 to $600; average, $510—						
Charwoman	1	480	1	480	1	480
Minor telephone operator	7	420	7	420	7	420
Total average number of employees	1,964.9		1,942.9		1,918.9	
Total salaries, field service		4,086,453.00		4,045,713.00		3,962,060.00
Wages, temporary laborers		1,010,929.00		801,129.00		756,764.39
Total salaries and wages, field service		5,097,382.00		4,840,842.00		4,718,824.39
Deduct allowance value of quarters		56,000.00		56,000.00		55,576.00
01 Total personal services, cash payment		5,041,382.00		4,784,842.00		4,663,248.39
The difference between 1929 and 1928 is due to—						
Increase in force	$277,360					
Transfer of employees	20,820					
Net increase	256,540					

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Forest Service—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Supplies and materials:			
0200	Stationery and office supplies	$4,500.00	$4,500.00	$4,610.62
0210	Medical and hospital supplies	1,200.00	1,200.00	1,270.90
0220	Scientific and educational supplies	1,000.00	1,000.00	1,083.21
0230	Fuel	5,200.00	5,200.00	5,298.95
0240	Wearing apparel			14.60
0250	Forage and other supplies for animals	116,000.00	112,000.00	111,710.57
0260	Provisions	100,000.00	76,000.00	67,612.36
0270	Powder, projectiles, explosives, etc	50.00	50.00	55.73
0280	Sundry supplies	30,500.00	30,000.00	30,202.75
0290	Materials	3,500.00	3,000.00	2,955.55
02	Total supplies and materials	261,950.00	232,950.00	224,815.24
03	Subsistence and support of persons (service)	8,000.00	8,000.00	7,986.19
04	Subsistence and care of animals and storage and care of vehicles	10,200.00	10,200.00	10,104.94
	Communication service:			
0500	Telegraph service	3,300.00	3,300.00	3,368.62
0510	Telephone service	35,100.00	35,100.00	34,948.21
0520	Other communication service	3,000.00	3,000.00	3,031.03
05	Total communication service	41,400.00	41,400.00	41,347.86
	Travel expenses:			
0615	Transportation	293,900.00	284,700.00	282,274.95
0616	Subsistence	201,340.00	196,300.00	194,545.36
06	Total travel expenses	495,240.00	481,000.00	476,820.31
07	Transportation of things (service)	66,700.00	66,500.00	66,062.01
08	Photographing and photographs and prints	14,500.00	14,500.00	14,640.32
09	Advertising and publication of notices	3,100.00	3,100.00	3,070.26
10	Furnishing of heat, light, power, etc	8,400.00	8,400.00	8,454.40
	Rents:			
1100	Rent of buildings and structures	113,200.00	113,200.00	113,183.02
1110	Other rents	5,800.00	5,800.00	5,768.45
11	Total rents	119,000.00	119,000.00	118,951.47
12	Repairs and alterations	62,000.00	62,000.00	67,613.05
13	Special and miscellaneous current expenses	2,400.00	2,400.00	2,422.72
	Equipment:			
3000	Passenger-carrying vehicles	5,000.00	5,000.00	4,789.12
3010	Furniture, furnishings, and fixtures	19,000.00	19,000.00	19,645.57
3020	Educational, scientific, and recreational equipment	7,000.00	7,000.00	6,812.32
3040	Purchase of livestock	2,700.00	5,700.00	2,754.00
3050	Other equipment	127,328.00	76,800.00	91,067.94
30	Total equipment	161,028.00	113,500.00	125,068.95
31	Lands and interests in land	700.00	700.00	680.08
32	Structures and parts, and nonstructural improvements to lands	45,000.00	45,000.00	45,222.05
33	Stores purchased for resale	1,500.00	1,500.00	1,653.15
53	Refunds, awards, and indemnities	1,500.00	1,500.00	1,572.65
			5,996,492.00	5,879,734.04
	Unobligated balance			6,730.96
	Reserve		20,000.00	
	Total	6,344,000.00	6,016,492.00	5,886,465.00

For fighting [and preventing] forest fires on or threatening the national forests and for the establishment and maintenance of a patrol to prevent trespass and to guard against and check fires upon the lands revested in the United States by the act approved June 9, 1916, and the lands known as the Coos Bay Wagon Road lands involved in the case of Southern Oregon Company against United States (numbered 2711), in the Circuit Court of Appeals of the Ninth Circuit, [$283,000] *$100,000,* [of] which *amount* [$150,000] shall be immediately available[: *Provided,* That not to exceed $75,000 of this amount may be used by the Secretary of Agriculture in meeting emergencies caused by forest insects on national forests] *(U. S. C., p. 56, secs. 511, 512; pp. 419–430, secs. 471, 472, 474, 476, 488, 492, 495, 497, 499–502, 505–509, 512–519, 521, 524, 551, 552, 554, 555, 557, 558, 560, 562–572, 605, 614, 615; p. 1009, sec. 533; pp. 1940, 1941, secs. 562a, 562b, 565, 614, 615; act Jan. 18, 1927, vol. 44, pp. 988–991)* -- $100,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Forest Service—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Field service:			
	Salaries and wages—	*Average*—	*Average*—	*Average*—
	Salary range, $3,800 to $5,000; average, $4,400—	*No.* *Salary*	*No.* *Salary*	*No.* *Salary*
	Forester			0.1 $4,000
	Salary range, $3,000 to $3,600; average, $3,300—			
	Senior administrative assistant			0.1 3,000
	Associate forester			0.1 3,000
	Salary range, $2,700 to $3,300; average, $3,000—			
	Assistant district forest inspector			0.6 2,770
	Salary range, $2,400 to $3,000; average, $2,700—			
	Assistant forest supervisor			0.3 2,700
	Chief surveyor			0.2 2,400
	Chief lumberman			0.2 2,400
	Assistant forester			0.3 2,400
	Assistant engineer			0.1 2,400
	Salary range, $2,100 to $2,700; average, $2,400—			
	Principal clerk			0.2 2,100
	Salary range, $1,860 to $2,400; average, $2,111.42—			
	Junior forester			0.7 2,000
	Senior forest ranger			0.4 1,860
	Salary range, $1,680 to $2,040; average, $1,860—			
	Forest ranger			1 1,680
	Lumberman			0.1 1,680
	Salary range, $1,500 to $1,860; average, $1,680—			
	Assistant forest ranger			0.6 1,500
	Salary range, $1,320 to $1,680; average, $1,500—			
	Junior clerk			1 1,500
	Salary range, $1,020 to $1,260; average, $1,140—			
	Minor clerk			0.3 1,020
	Total average number of employees			6.3
	Total salaries, field service			12,510.00
	Wages, temporary laborers			1,215,469.62
01	Total personal services			1,227,979.62
	Supplies and materials:			
0200	Stationery and office supplies			227.99
0210	Medical and hospital supplies			865.29
0230	Fuel			2,861.85
0250	Forage and other supplies for animals			24,205.06
0260	Provisions			462,634.38
0270	Powder, projectiles, explosives, etc			81.25
0280	Sundry supplies			24,374.15
0290	Materials			1,315.81
02	Total supplies and materials			516,565.78
03	Subsistence and support of persons (service)			27,878.76
04	Subsistence and care of animals and storage and care of vehicles			285.33
	Communication service:			
0500	Telegraph service			595.81
0510	Telephone service			4,048.97
0520	Other communication service			36.32
05	Total communication service			4,681.10
	Travel expenses:			
0615	Transportation			19,735.16
0616	Subsistence			8,480.22
06	Total travel expenses			28,215.38
07	Transportation of things (service)			294,386.95
08	Photographing and photographs and prints			8.94
09	Advertising and publication of notices			28.15
10	Furnishing of heat, light, power, etc			1,197.46
	Rents:			
1100	Rent of buildings and structures			446.38
1110	Other rents			3,350.54
11	Total rents			3,796.92
12	Repairs and alterations			22,963.88
13	Special and miscellaneous current expenses			103,470.26
	Equipment:			
3000	Passenger-carrying vehicles			25.66
3010	Furniture, furnishings, and fixtures			10,598.39
3020	Educational, scientific, and recreational equipment			287.77
3040	Purchase of livestock			4,264.75
3050	Other equipment			180,619.16
30	Total equipment			195,795.73
32	Structures and parts, and nonstructural improvements to lands			5,584.98
33	Stores purchased for resale			15,990.70
53	Refunds, awards, and indemnities			1,517.99
	Total	100,000.00	283,000.00	2,450,347.94

NOTE.—This being an emergency appropriation, it is impracticable to submit detailed statements of estimated expenditures.

Expenditures for 1927 derived from following sources: Regular appropriation 1927, $277,000; deficiency appropriation, $2,155,000; from other general expense subappropriations, $18,347.94.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Salaries and Expenses, Forest Service—Continued. For cooperation with the War Department in the maintenance and operation of an airplane patrol to prevent and suppress forest fires on national forests and adjacent lands, $50,000: *Provided*, That no part of this appropriation shall be used for the purchase of land or airplanes (*U. S. C., p. 56, secs. 511, 512; pp. 419–430, secs. 471, 472, 474, 476, 488, 492, 495, 497, 499–502, 505–509, 512–519, 521, 524, 551, 552, 554, 555, 557, 558, 560, 562, 572, 605, 614, 615; p. 1009, sec. 533; pp. 1940, 1941, secs. 562a, 562b, 565, 614, 615; act Jan. 18, 1927, vol. 44, pp. 988–991*)	$50,000.00	

		Estimated expenditures, 1929 apprn-priation	Estimated expenditures, 1928 appro-priation	Expended and obligated, 1927
	Field service:			
	Salaries and wages—	*Average—*	*Average—*	*Average—*
	Salary range, $3,800 to $5,000; average, $4,400—	*No.* *Salary*	*No.* *Salary*	*No.* *Salary*
	Airplane pilot	2.7 $4,800	2.1 $4,800	2.1 $4,800
	Assistant district forester	0.1 4,200	0.1 4,200	0.1 4,200
	Salary range, $2,400 to $3,000; average, $2,700—			
	Airplane mechanic	4.1 2,400	3.3 2,400	3.3 2,400
	Salary range, $1,680 to $2,040; average, $1,860—			
	Aerial observer	0.1 1,800	0.1 1,800	0.1 1,800
	Total average number of employees	7	5.6	5.6
	Total salaries, field service	23,330.00	18,600.00	18,600.00
	Wages, temporary laborers	1,300.00	3,000.00	2,546.20
01	Total personal services	24,630.00	21,600.00	21,146.20
	The difference between 1929 and 1928 is due to increase in force, $3,030.			
	Supplies and materials:			
0200	Stationery and office supplies	50.00	50.00	40.40
0280	Sundry supplies	200.00	200.00	112.78
0290	Materials	100.00	100.00	29.23
02	Total supplies and materials	350.00	350.00	182.41
	Communication service:			
0500	Telegraph service	50.00	50.00	30.84
0510	Telephone service	200.00	200.00	150.43
05	Total communication service	250.00	250.00	181.27
	Travel expenses:			
0615	Transportation	7,000.00	7,000.00	4,822.44
0616	Subsistence	3,000.00	3,000.00	2,958.71
06	Total travel expenses	10,000.00	10,000.00	7,781.15
07	Transportation of things	4,000.00	4,000.00	3,170.05
11	Rents	240.00	240.00	121.66
12	Repairs and alterations	9,980.00	13,010.00	12,766.28
	Equipment:			
3020	Educational, scientific, and recreational equipment	50.00	50.00	46.71
3050	Other equipment	500.00	500.00	171.40
30	Total equipment	550.00	550.00	218.11
				45,567.13
	Unobligated balauce			4,432.87
	Total	50,000.00	50,000.00	50,000.00

For the selection, classification, and segregation of lands within the boundaries of national forests that may be opened to homestead settlement and entry under the homestead laws applicable to the national forests; for the examination and appraisal of lands in effecting exchanges authorized by law and for the survey thereof by metes and bounds or otherwise, by employees of the Forest Service, under the direction of the Commissioner of the General Land Office; and for the survey and platting of certain lands, chiefly valuable for agriculture, now listed or to be listed within the national forests, under the act of June 11, 1906 [(Thirty-fourth Statutes, page 233)], and the act of March 3, 1899 [(Thirtieth Statutes, page 1095)], as provided by the act of March 4, 1913, [$55,000] (*U. S. C., p. 56, secs. 511, 512; pp. 419–430, secs. 471, 472, 474, 476, 488, 492, 495, 497, 499–502, 505–509, 512–519, 521, 524, 551, 552, 554, 555, 557, 558, 560, 562–572, 605, 614, 615; p. 1009, sec. 533; pp. 1940, 1941, secs. 562a, 562b, 565, 614, 615; act Jan. 18, 1927, vol. 44, pp. 988–991*) 50,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Forest Service—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Departmental service:			
Salaries—	*Average—*	*Average—*	*Average—*
Professional and scientific service—	*No.* *Salary*	*No.* *Salary*	*No.* *Salary*
Grade 5, $5,200 to $6,000; average, $5,600—			
Senior attorney	1 $5,600	1 $5,600	1 $5,400
Clerical, administrative, and fiscal service—			
Grade 12, $5,200 to $6,000; average, $5,600—			
Senior administrative officer (chief of branch)	0.6 5,600	0.6 5,600	0.6 5,400
Grade 4, $1,680 to $2,040; average, $1,860—			
Clerk	1 1,860	1 1,860	1 1,800
Total average number of employees	2.6	2.6	2.6
Total salaries, departmental service	10,820	10,820	10,575
Field service:			
Salaries and wages—			
Salary range, $3,800 to $5,000; average, $4,400—			
Assistant district forester	1.4 4,200	1.4 4,200	1.4 4,148
Salary range, $3,300 to $3,900; average, $3,600—			
Junior administrative officer	0.5 3,400	0.5 3,400	0.5 3,380
Salary range, $3,000 to $3,600; average, $3,300—			
Associate district forest inspector	1 3,200	1 3,200	1 3,150
Salary range, $2,400 to $3,000; average, $2,700—			
Chief surveyor	1.1 2,415	1.1 2,415	1.1 2,415
Assistant district forest inspector	1.9 2,551	1.9 2,551	1.9 2,551
Chief land examiner	1 2,400	1 2,400	1 2,400
Salary range, $1,860 to $2,400; average, $2,111.42—			
Senior forest ranger	0.2 2,200	0.2 2,200	0.2 2,165
Junior forester	0.5 1,920	0.5 1,920	0.5 1,920
Junior engineer	0.5 1,860	0.5 1,860	0.5 1,860
Salary range, $1,680 to $2,040; average, $1,860—			
Forest ranger		1.7 1,920	1.7 1,871
Salary range, $1,500 to $1,860; average, $1,680—			
Assistant forest ranger	0.4 1,530	0.4 1,530	0.4 1,520
Assistant clerk	0.3 1,650	0.3 1,650	0.3 1,647
Total average number of employees	8.8	10.5	10.5
Total salaries, field service	24,120.00	27,384.00	27,148.00
Wages, temporary laborers	1,000.00	1,000.00	1,064.16
Total salaries and wages, field service	25,120.00	28,384.00	28,212.16
The difference between 1929 and 1928 is due to decrease in force, $3,264.			
01 Total personal services	35,940.00	39,204.00	38,787.16
Supplies and materials:			
0200 Stationery and office supplies	15.00	15.00	13.99
0210 Medical and hospital supplies	275.00	275.00	275.01
0250 Forage and other supplies for animals			4.50
0260 Provisions	1,600.00	1,600.00	1,554.85
0280 Sundry supplies	300.00	300.00	280.96
0290 Materials	50.00	50.00	29.13
02 Total supplies and materials	2,240.00	2,240.00	2,158.44
03 Subsistence and support of persons (service)	150.00	150.00	135.30
Travel expenses:			
0615 Transportation	3,810.00	4,660.00	4,292.53
0616 Subsistence	3,760.00	4,646.00	4,279.51
06 Total travel expenses	7,570.00	9,306.00	8,572.04
07 Transportation of things (service)	1,000.00	1,000.00	934.51
08 Photographing, photographs, and prints	350.00	350.00	338.49
11 Rent of buildings and structures	400.00	400.00	403.50
12 Repairs and alterations	500.00	500.00	525.06
13 Special and miscellaneous current expenses	50.00	50.00	29.15
Equipment:			
3010 Furniture, furnishings, and fixtures	500.00	500.00	443.65
3020 Educational, scientific, and recreational equipment			7.25
3050 Other equipment	1,300.00	1,300.00	1,215.10
30 Total equipment	1,800.00	1,800.00	1,666.00
53 Refunds, awards, and indemnities			7.35
			53,557.00
Unobligated balance			1,443.00
Total	50,000.00	55,000.00	55,000.00

For the construction of sanitary facilities and for fire-preventive measures on public camp grounds within the national forests when necessary for the protection of the public health or the prevention of forest fires (*U. S. C., p. 56, secs. 511, 512; pp. 419–430, secs. 471, 472, 474, 476, 488, 492, 495, 497, 499–502, 505–509, 512–519, 521, 524, 551, 552, 554, 555, 557, 558, 560, 562–572, 605, 614, 615; p. 1009, sec. 533; pp. 1940, 1941, secs. 562a, 562b, 565, 614, 615; act Jan. 18, 1927, vol. 44, pp. 988, 991*) $40,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Forest Service—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
12	Repairs and alterations	$9,000.00	$9,000.00	$8,560.16
32	Structures and parts, and nonstructural improvements to lands	31,000.00	31,000.00	29,833.53
				38,393.69
	Unobligated balance			1,606.31
	Total	40,000.00	40,000.00	40,000.00

For the purchase and maintenance of necessary field, office, and laboratory supplies, instruments, and equipments (*U. S. C., p. 56, secs. 511–512; pp. 419–430, secs. 471–472, 474, 476, 488, 492, 495, 497, 499–502, 505–509, 512–519, 521, 524, 551–552, 554–555, 557–558, 560, 562–572, 605, 614–615; p. 1009, sec. 533, pp. 1940–1941, secs. 562a, 562b, 565, 614–615; act Jan. 18, 1927, vol. 44, pp. 988–991*) $130,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Field service:			
	Salaries and wages—	*Average—*	*Average—*	*Average—*
	Salary range, $3,300 to $3,900; average, $3,600—	*No.* *Salary*	*No.* *Salary*	*No.* *Salary*
	Junior administrative officer	1 $3,600.00	1 $3,600.00	0.9 $3,500.00
	Total average number of employees	1	1	0.9
	Total salaries, field service	3,600.00	3,600.00	3,042.00
	Wages, temporary laborers	400.00	400.00	847.25
01	Total personal services	4,000.00	4,000.00	3,889.25
	Supplies and materials:			
	0200 Stationery and office supplies	52,453.00	52,453.00	51,279.05
	0220 Scientific and educational supplies	1,700.00	1,700.00	1,648.83
	0260 Provisions			111.03
	0280 Sundry supplies	4,800.00	4,800.00	4,759.00
	0290 Materials	400.00	400.00	333.99
02	Total supplies and materials	59,353.00	59,353.00	58,131.90
	Communication service:			
	0510 Telephone service	102.00	102.00	103.60
	0520 Other communication service	60.00	60.00	55.00
05	Total communication service	162.00	162.00	158.60
	Travel expenses:			
	0615 Transportation	275.00	275.00	273.05
	0616 Subsistence	200.00	200.00	187.01
06	Total travel expenses	475.00	475.00	460.06
07	Transportation of things (service)	14,500.00	14,500.00	14,444.53
08	Photographing, and photographs and prints	1,400.00	1,400.00	1,408.61
09	Advertising and publication of notices	50.00	50.00	40.95
10	Furnishing of heat, light, power, etc	960.00	960.00	829.50
	Rents:			
	1100 Rent of buildings and structures	2,700.00	2,700.00	2,700.00
	1110 Other rents			2.00
11	Total rents	2,700.00	2,700.00	2,702.00
12	Repairs and alterations	3,000.00	3,000.00	2,869.83
13	Special and miscellaneous current expenses	200.00	200.00	209.00
	Supplies and materials:			
	3010 Furniture, furnishings, and fixtures	4,000.00	4,000.00	4,234.81
	3020 Educational, scientific, and recreational equipment	2,200.00	2,200.00	2,208.45
	3050 Other equipment	37,000.00	27,000.00	36,641.26
30	Total equipment	43,200.00	33,200.00	43,084.52
32	Structures and parts and nonstructural improvements to lands			158.56
			120,000.00	128,387.31
	Unobligated balance			1,612.69
	Reserve		10,000.00	
	Total	130,000.00	130,000.00	130,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Salaries and Expenses, Forest Service—Continued. For investigations of methods for wood distillation and for the preservative treatment of timber, for timber testing, and the testing of such woods as may require test to ascertain if they be suitable for making paper, for investigations and tests within the United States of foreign woods of commercial importance to industries in the United States, and for other investigations and experiments to promote economy in the use of forest and fiber products, and for commercial demonstrations of improved methods or processes, in cooperation with individuals and companies, [$500,000] *$505,000: Provided*, That not to exceed $15,000 of this amount may be used for the investigation by the Forest Products Laboratory of the United States Department of Agriculture of [flax straw] *hemp* as a source of supply for the manufacture of pulp and paper (*U. S. C., p. 56, secs. 511–512; pp. 419–430, secs. 471–472, 474, 476, 488, 492, 495, 497, 499–502, 505–509, 512–519, 521, 524, 551–552, 554–555, 557–558, 560, 562–572, 605, 614–615; p. 1009, sec. 533; pp. 1940–1941, secs. 562a, 562b, 565, 614–615; act Jan. 18, 1927, vol. 44, pp. 988–991*)	$505,000.00	

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average—		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Departmental service:						
Salaries—						
Professional and scientific service—						
Grade 5, $5,200 to $6,000; average, $5,600—						
Senior forester (chief of branch)	0.8	$5,600	0.8	$5,600	0.8	$5,400
Grade 4, $3,800 to $5,000; average, $4,400—						
Engineer in forest products	1	4,400	1	4,400	1	4,200
Forester	1	4,800	1	4,800	1	4,600
Forest economist					1	3,800
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate forester	3	3,167	2	3,250	1.9	3,154
Associate scientific assistant	1	3,100	1	3,100	1	3,050
Associate wood technologist					0.3	3,000
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant forester	2	2,400	2	2,400	1	2,400
Clerical, administrative, and fiscal service—						
Grade 9, $3,000 to $3,600; average, $3,300—						
Senior administrative assistant	1.1	3,145	1.1	3,145	1.1	3,145
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	2	2,200	2	2,200	2	2,175
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	3	1,860	3	1,860	3	1,820
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	3	1,500	3	1,500	3	1,500
Total average number of employees	17.9		16.9		17.1	
Total salaries, departmental service		49,020.00		46,020.00		47,032.81
The difference between 1929 and 1928 is due to increase in force, $3,000.						
Field service:						
Salaries and wages—						
Salary range, $5,200 to $6,000; average, $5,600—						
Director, forest products laboratory	1	5,400	1	5,400	0.8	5,400
Associate director, forest products laboratory	1	5,400	1	5,400	1	5,400
Senior chemist	1.9	5,400	1.9	5,400	1.0	5,400
Senior engineer in forest products	0.8	5,400	0.8	5,400	0.8	5,200
Salary range, $3,800 to $5,000; average, $4,400—						
Forester	3.6	4,080	3.6	4,080	3.6	4,025
Editor	0.8	4,000	0.8	4,000	0.8	4,000
Physicist and expert	1	4,400	1	4,400	1	4,400
Chemist in forest products	3.7	4,300	3.7	4,300	3.7	4,297
Engineer in forest products	8.1	4,241	8.1	4,241	8.1	4,216
Wood technologist	0.6	4,000	0.6	4,000	0.6	3,888
Specialist in wood structure	1	4,400	1	4,400	1	4,253
Microscopist	0.9	4,000	0.9	4,000	0.9	3,938
Technical reviewer	0.2	3,800	0.2	3,800	0.2	3,800
Hydroelectric engineer	0.3	4,000	0.3	4,000	0.3	4,000
Administrative officer	0.2	4,400	0.2	4,400	0.2	4,400
Salary range, $3,300 to $3,900; average, $3,600—						
Laboratory assistant in finance and accounts	1	3,400	1	3,400	1	3,375
Junior administrative officer	5	3,479	5	3,479	5	3,459
Salary range, $3,000 to $3,600; average, $3,300—						
Senior administrative assistant	2.1	3,100	2.1	3,100	2.1	3,073
Associate editor	0.7	3,600	0.7	3,600	0.7	3,600
Associate silviculturist	0.9	3,200	0.9	3,200	0.9	3,200
Associate wood technologist	2.5	3,040	2.5	3,040	2.5	3,000
Associate chemist	5.1	3,065	5.1	3,065	4.1	3,057
Associate engineer	6.8	3,077	6.8	3,077	5.8	3,056
Associate forester	2.6	3,115	2.6	3,115	2.6	3,077
Salary range, $2,700 to $3,300; average, $3,000—						
Administrative assistant	1.6	2,745	1.6	2,745	1.6	2,745
Salary range, $2,400 to $3,000; average, $2,700—						
Assistant forester	3	2,500	3	2,500	3	2,461
Assistant physicist	0.6	2,400	0.6	2,400	0.6	2,400
Assistant chemist	3.1	2,500	3.1	2,500	3.1	2,497
Assistant engineer	2.7	2,549	2.7	2,549	2.7	2,549
Assistant wood technologist	2.8	2,583	2.8	2,583	2.8	2,548
Assistant physiological plant anatomist	1	2,500	1	2,500	1	2,400
Deputy fiscal agent	1	2,600	1	2,600	1	2,587
Assistant engineer (chemical)	0.4	2,400	0.4	2,400	0.4	2,400

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927		Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Salaries and Expenses, Forest Service—Continued.								
		Average—		*Average*—		*Average*—		
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*		
Field service—Continued.								
Salaries and wages—Continued.								
Salary range, $2,100 to $2,700; average, $2,400—								
Principal custodian	1	$2,300	1	$2,300	1	$2,240		
Principal library assistant	1	2,200	1	2,200	1	2,200		
Principal draftsman	0.8	2,100	0.8	2,100	0.8	2,100		
Principal mechanic	2	2,250	2	2,250	2	2,200		
Salary range, $1,860 to $2,400; average, $2,111.42—								
Senior scientific illustrator	1	2,300	1	2,300	1	2,200		
Senior laboratory aid	0.4	1,800	0.4	1,800	0.4	1,800		
Senior library assistant	1	1,920	1	1,920	1	1,920		
Senior clerk	3.1	1,930	3.1	1,930	3.1	1,898		
Junior engineer	1.6	1,860	1.6	1,860	1.6	1,860		
Junior wood technologist	1.9	1,920	1.9	1,920	1.9	1,921		
Junior chemist	3.5	1,920	3.5	1,920	3.5	1,892		
Junior forester	0.1	1,860	0.1	1,860	0.1	1,860		
Senior xylotomist	0.9	1,860	0.9	1,860	0.9	1,860		
Lumber grader	1	2,000	1	2,000	1	1,984		
Salary range, $1,680 to $2,040; average, $1,860—								
Mechanic	3.6	1,830	3.6	1,830	3.6	1,808		
Photographer	1	1,680	1	1,680	1	1,680		
Scientific aid	0.4	1,740	0.4	1,740	0.4	1,740		
Paper maker	1	1,740	1	1,740	1	1,708		
Laboratory aid	3.5	1,740	3.5	1,740	3.5	1,728		
Clerk	15.6	1,712	13.6	1,712	13.6	1,690		
Multigraph foreman	0.8	1,800	0.8	1,800	0.8	1,770		
Salary range, $1,500 to $1,860; average, $1,680—								
Assistant custodian	0.3	1,500	0.3	1,500	0.3	1,500		
Assistant laboratory aid	8	1,560	8	1,560	8	1,532		
Assistant computing aid	1.2	1,540	1.2	1,540	1.2	1,536		
Assistant clerk	10.5	1,530	10.5	1,530	10.5	1,502		
Assistant mechanic	1.7	1,560	1.7	1,560	1.7	1,562		
Salary range, $1,320 to $1,680; average, $1,500—								
Junior mechanic	1.2	1,380	1.2	1,380	1.2	1,352		
Junior computing aid	0.3	1,320	0.3	1,320	0.3	1,320		
Junior clerk	4.7	1,347	4.7	1,347	4.7	1,321		
Junior laboratory aid	2	1,380	2	1,380	2	1,375		
Skilled laborer	1	1,320	1	1,320	1	1,320		
Salary range, $1,140 to $1,500; average, $1,320—								
Driver mechanic	0.4	1,200	0.4	1,200	0.4	1,200		
Underoperative	3.7	1,174	3.7	1,174	3.7	1,155		
Under telephone operator	0.8	1,140	0.8	1,140	0.8	1,140		
Underclerk	1.1	1,140	1.1	1,140	1.1	1,140		
Under laboratory aid	1	1,200	1	1,200	1	1,140		
Salary range, $1,020 to $1,260; average, $1,140—								
Skilled laborer	4.3	1,100	4.3	1,100	4.3	1,094		
Watchman	1	1,020	1	1,020	1	1,021		
Minor custodian	2	1,080	2	1,080	2	1,060		
Salary range, $900 to $1,140; average, $1,020—								
Assistant messenger	1.2	900	1.2	900	1.2	900		
Minor laboratory aid	0.9	900	0.9	900	0.9	900		
Salary range $600 to $780; average, $690—								
Junior messenger	1.2	700	1.2	700	1.2	695		
Total average number of employees	161.7		159.7		157.5			
Total salaries, field service		385,684.00		382,264.00		371,734.00		
Wages, temporary laborers		1,000.00		1,500.00		1,871.41		
Total salaries and wages, field service		386,684.00		383,764.00		373,605.41		
The difference between 1929 and 1928 is due to transfer of employees, $3,420.								
01 Total personal services		435,704.00		429,784.00		420,638.22		
Supplies and materials:								
0200 Stationery and office supplies		4,600.00		4,900.00		4,908.15		
0210 Medical and hospital supplies						7.60		
0220 Scientific and educational supplies		3,300.00		3,500.00		3,524.34		
0230 Fuel		50.00		50.00		55.35		
0280 Sundry supplies		3,400.00		3,600.00		3,577.03		
0290 Materials		300.00		300.00		302.45		
02 Total supplies and materials		11,650.00		12,350.00		12,374.92		
Communication service:								
0500 Telegraph service		300.00		300.00		299.49		
0510 Telephone service		1,400.00		1,400.00		1,352.56		
0520 Other communication service		120.00		120.00		115.78		
05 Total communication service		1,820.00		1,820.00		1,767.83		
Travel expenses:								
0615 Transportation		19,146.00		18,900.00		18,024.93		
0616 Subsistence		12,880.00		12,846.00		12,172.18		
06 Total travel expenses		32,026.00		31,746.00		30,197.11		
07 Transportation of things (service)		3,800.00		3,800.00		3,804.20		
08 Photographing and photographs and prints		150.00		150.00		147.56		
10 Furnishing of heat, light, power, etc		9,200.00		9,300.00		9,284.41		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Forest Service—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Rents:			
1100 Rents of buildings and structures	$600.00	$600.00	$624.00
1110 Other rents	1,800.00	1,800.00	1,782.46
11 Total rents	2,400.00	2,400.00	2,406.46
12 Repairs and alterations	800.00	800.00	778.84
13 Special and miscellaneous current expenses	450.00	450.00	447.24
Equipment:			
3010 Furniture, furnishings, and fixtures	800.00	900.00	858.76
3020 Educational, scientific, and recreational equipment	5,000.00	5,200.00	5,122.31
3050 Other equipment	1,200.00	1,300.00	1,280.63
30 Total equipment	7,000.00	7,400.00	7,261.70
32 Structures and parts, and nonstructural improvements to land			40.00
			489,148.49
Unobligated balance			1,115.51
Total	505,000.00	500,000.00	490,264.00

For experiments and investigations of range conditions within the national forests or elsewhere on the public range, and of methods for improving the range by reseeding, regulation of grazing, and other means, [$44,880] (*U. S. C., 56, secs. 511, 512; pp. 419–430, secs. 471, 472, 474, 476, 488, 492, 495, 497, 499–502, 505–509, 512, 519, 521, 524, 551, 552, 554, 555, 557, 558, 560, 562–572, 605, 614, 615; p. 1009, sec. 533; pp. 1940, 1941, secs. 562a, 562b, 565, 614, 615; act Jan. 18, 1927, vol. 44, pp. 988–991*) $64,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 4, $3,800 to $5,000; average, $4,400—						
Inspector of grazing	1	$4,400	1	$4,400	1	$4,200
Grade 3, $3,000 to $3,600; average, $3,300—						
Plant ecologist	1	3,400	1	3,400	1	3,300
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant botanist	0.7	2,500	0.7	2,500	0.7	2,400
Grade 1, $1,860 to $2,400; average, $2,111.42—						
Junior plant ecologist	1	1,860	1	1,860		
Subprofessional service—						
Grade 4, $1,500 to $1,860; average, $1,680—						
Assistant scientific aid					1	1,543
Grade 2, $1,140 to $1,500; average, $1,320—						
Under scientific helper	1	1,380	1	1,380	1	1,380
Clerical, administrative, and fiscal service—						
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	1	1,740	1	1,740	1	1,680
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	1	1,620	1	1,620	1	1,590
Total average number of employees	6.7		6.7		6.7	
Total salaries, departmental service		16,150.00		16,150.00		15,372.65
Field service:						
Salaries and wages—						
Salary range, $3,800 to $5,000; average, $4,400—						
Director grazing experiment station	1	4,200	1	4,200	1	4,200
Salary range, $3,000 to $3,600; average, $3,300—						
Director, range reserve	2	3,200	2	3,200	1	3,200
Associate range examiner	4	3,050	3	3,067	3.1	3,029
Salary range, $2,400 to $3,000; average, $2,700—						
Assistant range examiner	1	2,400			0.5	2,400
Salary range, $1,860 to $2,400; average, $2,111.42—						
Junior range examiner	3.4	1,860	0.4	1,860	0.8	1,860
Senior clerk					0.3	1,860
Salary range, $1,500 to $1,860; average, $1,680—						
Assistant clerk					0.2	1,500
Total average number of employees	11.4		6.4		6.8	
Total salaries, field service		31,524.00		20,544.00		20,334.00
Wages, temporary laborers		4,346.00		2,346.00		3,023.53
Total salaries and wages, field service		35,870.00		22,890.00		23,357.53
The difference between 1929 and 1928 is due to—						
Transfer of employees	$3,720					
Increase in force	7,260					
Total increase	10,980					
01 Total personal services		52,020.00		39,040.00		38,730.18

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Forest Service—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Supplies and materials:			
0200	Stationery and office supplies	$10.00	$10.00	$10.47
0220	Scientific and educational supplies	20.00	20.00	19.87
0230	Fuel	50.00	50.00	36.97
0250	Forage and other supplies for animals	400.00	300.00	325.62
0260	Provisions	200.00	100.00	103.16
0280	Sundry supplies	300.00	200.00	201.13
0290	Materials	20.00	20.00	22.29
02	Total supplies and materials	1,000.00	700.00	719.51
04	Subsistence and care of animals	100.00	100.00	99.85
	Communication service:			
0500	Telegraph service			4.96
0510	Telephone service	50.00	50.00	45.38
0520	Other communication service			6.73
05	Total communication service	50.00	50.00	57.07
	Travel expenses:			
0615	Transportation	4,380.00	2,000.00	2,061.85
0616	Subsistence	3,460.00	1,500.00	1,428.48
06	Total travel expenses	7,840.00	3,500.00	3,490.33
07	Transportation of things (service)	400.00	300.00	317.02
08	Photographing and photographs and prints	20.00	20.00	21.44
10	Furnishing of heat, light, power, etc			9.45
11	Other rents	25.00	25.00	24.75
12	Repairs and alterations	400.00	400.00	413.13
13	Special and miscellaneous current expenses	25.00	25.00	26.00
	Equipment:			
3010	Furniture, furnishings, and fixtures	120.00	120.00	115.53
3050	Other equipment	1,000.00	200.00	208.45
30	Total equipment	1,120.00	320.00	323.98
32	Structures and parts and nonstructural improvements to lands	1,000.00	400.00	369.06
53	Refunds, awards, and indemnities			30.00
				44,631.77
	Unobligated balance			248.23
	Total	61,000.00	44,880.00	44,880.00

For the purchase of tree seed, cones, and nursery stock, for seeding and tree planting within national forests, and for experiments and investigations necessary for such seeding and tree planting, [$150,000] *(U. S. C., p. 56, secs. 511, 512; pp. 419–430, secs. 471, 472, 474, 476, 488, 492, 495, 497, 499–502, 505–509, 512–519, 521, 524, 551, 552, 554, 555, 557, 558, 560, 562–572, 605, 614, 615; p. 1009, sec. 533; pp. 1940, 1941, secs. 562a, 562b, 565, 614, 615; act Jan. 18, 1927, vol. 44, pp. 988–991)* $200,000.00

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Field service:						
	Salaries and wages—	*Average—*		*Average—*		*Average—*	
		No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Salary range, $3,300 to $3,900; average, $3,600—						
	Senior investigator	0.7	$3,200	0.7	$3,200	0.7	$3,200
	Senior district forest inspector	0.4	3,400	0.4	3,400	0.4	3,350
	Salary range, $3,000 to $3,600; average, $3,300—						
	Senior administrative assistant	2	3,100	2	3,100	2	3,050
	Salary range, $2,400 to $3,000: average, $2,700—						
	Assistant forester	0.7	2,400	0.7	2,400	0.7	2,400
	Assistant silviculturist	0.6	2,600	0.6	2,600	0.6	2,603
	Chief forest planting assistant	3	2,433	1	2,500	1	2,500
	Salary range, $1,860 to $2,400; average, $2,111.42						
	Senior forest planting assistant	3.5	1,952	1.5	2,067	1.5	2,039
	Junior forester	1.3	2,177	1.3	2,177	1.3	2,154
	Senior forest ranger	1	2,000	1	2,000	1	1,963
	Salary range, $1,680 to $2,040; average, $1,860—						
	Clerk	1	1,680	1	1,680	1	1,680
	Forest ranger	1.4	1,740	1.4	1,740	1.4	1,740
	Salary range, $1,500 to $1,860; average, $1,680—						
	Assistant forest planting assistant	0.9	1,680	0.9	1,680	0.9	1,667
	Total average number of employees	16.5		12.5		12.5	
	Total salaries, field service		37,618.00		29,098.00		28,853.00
	Wages, temporary laborers		20,000.00		15,000.00		13,751.65
	Total salaries and wages, field service		57,618.00		44,098.00		42,604.65
	Deduct allowance value of quarters		660.00		660.00		634.00
01	Total personal services, cash payment		56,958.00		43,438.00		41,970.65
	The difference between 1929 and 1928 is due to increase in force, $13,520.						
	Deduct expenditures for personal services included in objects named below		56,958.00		43,438.00		41,970.65

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Forest Service—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Supplies and materials:			
0200	Stationery and office supplies			$7.14
0210	Medical and hospital supplies	$50.00	$50.00	38.58
0220	Scientific and educational supplies			14.60
0230	Fuel	20.00	20.00	21.15
0250	Forage and other supplies for animals	1,500.00	1,100.00	1,032.31
0260	Provisions	5,000.00	4,000.00	3,549.82
0280	Sundry supplies	150.00	150.00	139.93
0290	Materials	30.00	30.00	27.70
02	Total supplies and materials	6,750.00	5,350.00	4,831.23
	Deduct expenditures for supplies and materials included in objects named below	6,750.00	5,350.00	4,831.23
03	Subsistence and support of persons (service)	400.00	400.00	405.60
	Deduct expenditures for subsistence and support of persons included in objects named below	400.00	400.00	405.60
04	Subsistence and care of animals and storage and care of vehicles	75.00	75.00	68.00
	Deduct expenditures for subsistence and care of animals included in objects named below	75.00	75.00	68.00
	Communication service:			
0500	Telegraph service	15.00	15.00	15.37
0510	Telephone service	60.00	60.00	51.54
0520	Other communication service			1.05
05	Total communication service	75.00	75.00	67.96
	Deduct expenditures for communication service included in objects named below	75.00	75.00	67.96
	Travel expenses:			
0615	Transportation	1,600.00	1,250.00	1,234.29
0616	Subsistence	1,200.00	900.00	917.72
06	Total travel expenses	2,800.00	2,150.00	2,152.01
	Deduct expenditures for travel expenses included in objects named below	2,800.00	2,150.00	2,152.01
07	Transportation of things (service)	4,000.00	3,000.00	2,818.49
	Deduct expenditures for transportation of things included in objects named below	4,000.00	3,000.00	2,818.49
08	Photographing, and photographs and prints			1.70
	Deduct expenditures for photographing, photographs, and prints included in objects named below			1.70
	Rents:			
1100	Rent of buildings and structures	36.00	36.00	35.97
1110	Other rents	84.00	84.00	85.50
11	Total rents	120.00	120.00	121.47
	Deduct expenditures for rents included in objects named below	120.00	120.00	121.47
12	Repairs and alterations	800.00	800.00	823.96
13	Special and miscellaneous current expenses	200.00	200.00	197.31
	Deduct expenditures for special and miscellaneous current expenses included in objects named below	200.00	200.00	197.31
	Equipment:			
3010	Furniture, furnishings, and fixtures	200.00	200.00	196.15
3020	Educational, scientific, and recreational equipment	50.00	50.00	42.50
3050	Other equipment	4,000.00	3,000.00	2,826.65
30	Total equipment	4,250.00	3,250.00	3,065.10
	Deduct expenditures for equipment included in objects named below	4,250.00	3,250.00	3,065.10
32	Structures and parts and nonstructural improvements to lands	122,772.00	90,342.00	73,647.53
	Add indirect expenditures deducted from other objects	76,328.00	58,758.00	56,346.80
32	Total structures and parts and nonstructural improvements to land	199,100.00	149,100.00	129,994.33
33	Stores purchased for resale	700.00	700.00	647.28
	Deduct expenditures for stores purchased for resale included in objects named above	700.00	700.00	647.28
53	Refunds, awards, and indemnities	100.00	100.00	146.40
				130,964.69
	Unobligated balance			735.31
	Total	200,000.00	150,000.00	131,700.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Salaries and Expenses, Forest Service—Continued. For silvicultural, dendrological, and other experiments and investigations, independently or in cooperation with other branches of the Federal Government, with States, and with individuals, to determine the best methods for the conservative management of forests and forest land, [$337,000, of which amount not to exceed $60,000 shall be immediately available for the establishment of forest experiment stations as provided in the act entitled "An act to authorize the establishment and maintenance of a forest experiment station in the Ohio and Mississippi Valleys," approved July 3, 1926, and as provided in the act entitled "An act for the establishment and maintenance of a forest experiment station in Pennsylvania and the neighboring States," approved July 3, 1926: *Provided*, That not more than $1,000 of this amount may be expended for the improvement of the station building which was constructed at the Bessey Nursery, Nebraska National Forest (formerly Dismal River Forest Reserve), in accordance with the act of June 30, 1906 (Thirty-fourth Statutes at Large, page 696)] (*U. S. C., p. 56, secs. 511, 512; pp. 419–430, secs. 471, 472, 474, 476, 488, 492, 495, 497, 499–502, 505–509, 512–519, 521, 524, 551, 552, 554, 555, 557, 558, 560, 562–572, 605, 614, 615; p. 1009, sec. 533; pp. 1940, 1941, secs. 562a, 562b, 565, 614, 615; act Jan. 18, 1927, vol. 44, pp. 988–991*)	$364,300.00	

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average—		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Departmental service:						
Salaries—						
Professional and scientific service—						
Grade 5, $5,200 to $6,000; average, $5,600—						
Senior forester	0.2	$5,600				
Grade 4, $3,800 to $5,000; average, $5,400—						
Silviculturist	2.5	4,200	1.5	$4,467	1.5	$4,330
Forester	1	4,000	1	4,000	1.9	3,800
Forest economist	1	4,200	1	4,200	1	4,000
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate silviculturist	3	3,000	1	3,000	0.5	3,000
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant forester	2	2,450	2	2,450	1	2,317
Subprofessional service—						
Grade 7, $2,100 to $2,700; average, $2,400—						
Principal librarian	1	2,400	1	2,400	1	2,300
Clerical, administrative, and fiscal service—						
Grade 9, $3,000 to $3,600; average, $3,300—						
Senior administrative assistant	0.0	3,600	0.9	3,600	0.9	3,600
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	2	1,930	2	1,930	2	1,890
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	4	1,770	4	1,770	4	1,733
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	6	1,570	5	1,584	4.2	1,595
Assistant operative	1	1,560	1	1,560	1	1,500
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk					0.8	1,320
Total average number of employees	24.6		20.4		19.8	
Total salaries, departmental service		61,280.00		48,860.00		47,037.57
The difference between 1929 and 1928 is due to—						
Transfer of employees	$1,120					
Increase in force	11,300					
Total increase	12,420					
Field service:						
Salaries and wages—						
Salary range, $5,200 to $6,000; average, $5,600—						
Director, forest experiment station	2	5,400	2	5,400	1.9	5,400
Salary range, $3,800 to $5,000; average, $4,400—						
Director, forest experiment station	9	4,200	9	4,200	6.8	4,275
Silviculturist	2.3	4,100	2.3	4,100	2.3	4,052
Microscopist					0.1	4,000
Salary range, $3,300 to $3,900; average, $3,600—						
Junior administrative officer	3	3,500	3	3,500	3	3,469
Salary range, $3,000 to $3,600; average, $3,300—						
Associate silviculturist	11	3,088	11	3,088	6	3,146
Associate forest ecologist	1.4	3,000	1.4	3,000	1.4	3,000
Salary range, $2,400 to $3,000; average, $2,700—						
Assistant silviculturist	6.5	2,434	6.5	2,434	4.5	2,449
Assistant forester	0.8	2,400	0.8	2,400	0.8	2,400
Salary range, $1,860 to $2,400; average, $2,111.42—						
Junior forester	15	1,915	14	1,910	10	1,911
Senior clerk	5.4	1,909	4.4	1,920	4.4	1,895
Junior range examiner					0.2	1,860
Salary range, $1,680 to $2,040; average, $1,860—						
Clerk	6.2	1,684	3.2	1,688	1.2	1,686
Computing clerk	0.4	1,680	0.4	1,680	0.4	1,680
Forest ranger	1.3	1,800	0.3	1,800	0.3	1,800
Salary range, $1,500 to $1,860; average, $1,680—						
Assistant clerk	2.8	1,590	2.8	1,590	2.8	1,584

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Forest Service—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Field service—Continued.			
Salaries and wages—Continued.	*Average—*	*Average—*	*Average—*
	No. *Salary*	*No.* *Salary*	*No.* *Salary*
Salary range, $1,320 to $1,680; average, $1,500—			
Junior clerk	4.2 $1,327	4.2 $1,327	2.2 $1,320
Junior scientific aid	1.6 1,340	1.6 1,340	1.6 1,320
Junior operative	1 1,380	1 1,380	1 1,320
Assistant forest ranger	2 1,500		
Salary range, $1,140 to $1,500; average, $1,320—			
Underclerk	1.2 1,212	1.2 1,212	1.2 1,205
Under scientific helper	1.4 1,260	1.4 1,260	1.4 1,250
Salary range, $900 to $1,260; average, $1,080—			
Minor scientific helper	0.7 900	0.7 900	0.7 900
Agent	1 1,000	1 1,000	1 1,000
Total average number of employees	80.2	72.2	55.2
Total salaries, field service	198,318.00	184,638.00	142,127.00
Wages, temporary laborers	19,382.00	22,302.00	16,064.47
Total salaries and wages, field service	217,700.00	206,940.00	158,191.47
The difference between 1929 and 1928 is due to—			
Transfer of employees	$13,680		
Decrease in temporary wages	2,920		
Net increase	10,760		
01 Total personal services	278,980.00	255,800.00	205,229.04
Supplies and materials:			
0200 Stationery and office supplies	1,000.00	1,000.00	750.87
0210 Medical and hospital supplies			2.50
0220 Scientific and educational supplies	500.00	500.00	394.96
0230 Fuel	100.00	100.00	91.91
0250 Forage and other supplies for animals	300.00	300.00	223.86
0260 Provisions	1,600.00	1,600.00	1,303.75
0280 Sundry supplies	1,300.00	1,300.00	1,089.63
0290 Materials	700.00	700.00	571.07
02 Total supplies and materials	5,500.00	5,500.00	4,428.55
03 Subsistence and support of persons (service)	100.00	100.00	58.00
04 Subsistence and care of animals and storage and care of vehicles	250.00	250.00	244.25
Communication service:			
0500 Telegraph service	200.00	200.00	122.79
0510 Telephone service	1,000.00	1,000.00	826.84
0520 Other communication service	200.00	200.00	133.02
05 Total communication service	1,400.00	1,400.00	1,082.65
Travel expenses:			
0615 Transportation	19,050.00	17,000.00	13,516.83
0616 Subsistence	22,070.00	20,000.00	16,773.60
06 Total travel expenses	41,120.00	37,000.00	30,290.43
07 Transportation of things (service)	2,000.00	2,000.00	1,547.80
08 Photographing and making photographs and prints	200.00	200.00	216.00
10 Furnishing of heat, light, power, etc	250.00	250.00	177.37
Rents:			
1100 Rent of buildings and structures	5,000.00	5,000.00	4,180.65
1110 Other rents	3,600.00	3,600.00	3,117.06
11 Total rents	8,600.00	8,600.00	7,297.71
12 Repairs and alterations	1,800.00	1,800.00	1,489.63
13 Special and miscellaneous current expenses	100.00	100.00	88.88
Equipment:			
3000 Passenger-carrying vehicles	5,500.00	5,500.00	4,693.34
3020 Educational, scientific, and recreational equipment	4,500.00	4,500.00	3,763.04
3010 Furniture, furnishings, and fixtures	7,000.00	7,000.00	6,060.68
3050 Other equipment	4,000.00	4,000.00	2,859.31
30 Total equipment	21,000.00	21,000.00	17,376.37
32 Structures and parts and nonstructural improvements to lands	3,000.00	3,000.00	2,524.42
53 Refunds, awards, and indemnities			11.20
Total	364,300.00	337,000.00	272,062.30

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Salaries and Expenses, Forest Service—Continued. For estimating and appraising timber and other resources on the national forests preliminary to disposal by sale or to the issue of occupancy permits, and for emergency expenses incident to their sale or use (*U. S. C., p. 56, secs. 511, 512; pp. 419–430, secs. 471, 472, 474, 476, 488, 492, 495, 497, 499–502, 505–509, 512–519, 521, 524, 551, 552, 554, 555, 557, 558, 560, 562–572, 605, 614, 615; p. 1009, sec. 533; pp. 1940, 1941, secs. 562a, 562b, 565, 614, 615; act Jan. 18, 1927, vol. 44, pp. 988–991*)	$108,550.00	

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
Salary range, $3,800 to $5,000; average, $4,400—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Assistant district forester					0.3	$3,800
Salary range, $3,300 to $3,900; average, $3,600—						
Junior administrative officer	0.5	$3,400	0.5	$3,400	0.2	3,300
Salary range, $3,000 to $3,600; average, $3,300—						
Associate forester	1	3,000	1	3,000	1.1	3,000
Associate range examiner	1	3,000	1	3,000	0.8	3,000
Senior administrative assistant	0.5	3,300	0.5	3,300	0.6	3,243
Salary range, $2,400 to $3,000; average, $2,700—						
Assistant range examiner	0.5	2,400	0.5	2,400	0.5	2,400
Chief lumberman	1	2,700	1	2,700	1	2,700
Assistant forest supervisor					0.2	2,400
Salary range, $1,860 to $2,400; average, $2,111.42—						
Junior forester	2.5	1,860	2.5	1,860	2.5	1,863
Junior range examiner	6	2,000	6	2,000	5.9	1,974
Senior forest ranger	0.2	2,000	0.2	2,000	0.2	2,000
Senior clerk	0.5	1,860	0.5	1,860	0.4	1,860
Salary range, $1,680 to $2,040; average, $1,860—						
Forest ranger	5	1,890	5	1,890	4.9	1,878
Lumberman					0.1	1,860
Clerk					0.1	1,740
Salary range, $1,500 to $1,860; average, $1,680—						
Assistant forest ranger	1	1,620	1	1,620	0.9	1,586
Assistant clerk	0.5	1,620	0.5	1,620	0.4	1,620
Salary range, $1,320 to $1,680; average, $1,500—						
Junior clerk					0.1	1,380
Total average number of employees	20.2		20.2		20.2	
Total salaries, field service		43,110.00		43,110.00		43,054.00
Wages, temporary laborers		29,390.00		29,390.00		29,251.85
Total salaries and wages, field service		72,500.00		72,500.00		72,305.85
Deduct allowance value of quarters		180.00		180.00		170.00
01 Total personal services, cash payment		72,320.00		72,320.00		72,135.85
Supplies and materials:						
0200 Stationery and office supplies		200.00		200.00		179.87
0210 Medical and hospital supplies		50.00		50.00		37.73
0230 Fuel						8.96
0250 Forage and other supplies for animals		800.00		800.00		797.90
0260 Provisions		15,050.00		15,050.00		14,565.64
0280 Sundry supplies		1,700.00		1,700.00		1,654.64
0290 Materials		50.00		50.00		49.93
02 Total supplies and materials		17,850.00		17,850.00		17,294.67
03 Subsistence and support of persons (service)		700.00		700.00		660.17
04 Subsistence and care of animals and storage and care of vehicles		100.00		100.00		111.37
Communication service:						
0500 Telegraph service						4.08
0510 Telephone service						5.55
0520 Other communication service						1.88
05 Total communication service						11.51
Travel expense:						
0615 Transportation		4,500.00		4,500.00		4,512.43
0616 Subsistence		4,900.00		4,900.00		4,881.11
06 Total travel expense		9,400.00		9,400.00		9,393.54
07 Transportation of things (service)		3,200.00		3,200.00		3,135.29
08 Photographing, and photographs and prints		200.00		200.00		225.26
10 Furnishing of heat, light, power, etc						10.22
Rents:						
1100 Rent of buildings and structures		420.00		420.00		410.14
1110 Other rents		360.00		360.00		356.66
11 Total rents		780.00		780.00		766.20
12 Repairs and alterations		600.00		600.00		592.20
13 Special miscellaneous current expenses		50.00		50.00		53.65

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Forest Service—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Equipment:			
3000	Passenger-carrying vehicles	$1,000.00	$1,000.00	$1,067.50
3010	Furniture, furnishings, and fixtures	100.00	100.00	104.21
3020	Educational, scientific, and recreational equipment	100.00	100.00	121.37
3050	Other equipment	2,000.00	2,000.00	2,120.35
30	Total equipment	3,200.00	3,200.00	3,413.43
32	Structures and parts, and nonstructural improvements to land	100.00	100.00	120.84
53	Refunds, awards, and indemnities	50.00	50.00	38.00
		----------	----------	107,962.20
	Unobligated balance	----------	----------	587.80
	Total	108,550.00	108,550.00	108,550.00

For the construction and maintenanee of roads, trails, bridges, fire lanes, telephone lines, eabins, fences, and other improvements necessary for the proper and eeonomieal administration, protection, and development of the national forests, [$526,900] *$587,900*, of which amount [$100,000] *$125,000* is reserved for expenditure on the Angeles, Cleveland, Santa Barbara, and San Bernardino National Forests in southern California: *Provided*, That such sum of [$100,000] *$125,000* shall not be expended unless an equal amount is contributed for such work by State, county, municipal, and/or other local interests, to be paid, in whole or in part, in advance of the performance of the work for which this appropriation provides: *Provided further*, That where, in the opinion of the Seeretary of Agrieulture, direct purchase will be more economical than construction, telephone lines, eabins, fences, and other improvements may be purchased: *Provided further*, That not to exceed $50,000 may be expended for the eonstruction and maintenance of boundary and range division fences, counting corrals, stoek driveways, and bridges, the development of stock-watering plaees, and the eradication of poisonous plants on the national forests: *Provided further*, That not to exeeed [$2,000] *$11,000* of this appropriation may be used for [repair and maintenance of] the *construction of a* dam at Cass Lake, Minnesota (*U. S. C., p. 56, secs. 511, 512; pp. 419–430, secs. 471, 472, 474, 476, 488, 492, 495, 497, 499–502, 505–509, 512–519, 521, 524, 551, 552, 554, 555, 557, 558, 560, 562–572, 605, 614, 615; pp. 1009, sec. 533; pp. 1940, 1941, secs. 562a. 562b, 565, 614, 615; act Jan. 18, 1927, vol. 44, pp. 988–991*)---------- $587,900.00

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Field service:						
	Salaries and wages—	*Average—*		*Average—*		*Average—*	
	Salary range, $3,300 to $3,900; average, $3,600—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	District forest inspector	0.1	$3,400	0.1	$3,400	0.1	$3,400
	Salary range, $2,700 to $3,300; average, $3,000—						
	Administrative assistant	2.2	2,767	2.2	2,767	2.2	2,767
	Salary range, $2,400 to $3,000; average, $2,700—						
	Assistant forest supervisor	0.3	2,500	0.3	2,500	0.3	2,500
	Assistant range examiner	0.4	2,500	0.4	2,500	0.4	2,500
	Salary range, $1,860 to $2,400; average, $2,111.42—						
	Senior clerk	0.1	1,920	0.1	1,920	0.1	1,920
	Senior forest ranger	0.4	1,860	0.4	1,860	0.4	1,860
	Salary range, $1,500 to $1,860; average, $1,680—						
	Assistant clerk	0.1	1,500	0.1	1,500	0.1	1,500
	Total average number of employees	3.6		3.6		3.6	
01	Total salaries and wages, field service		9,264		9,264		9,264
	Deduct expenditures for personal services included in objects named below		9,264		9,264		9,264
12	Repairs and alterations		215,000.00		208,500.00		199,723.86
32	Structures and parts, and nonstructural improvements to land		363,636.00		309,136.00		315,051.38
	Add indirect expenditures deducted from other objects		9,264.00		9,264.00		9,264.00
32	Total structures and parts, and nonstructural improvements to land		372,900.00		318,400.00		324,315.38
			----------		----------		524,039.24
	Unobligated balance		----------		----------		2,860.76
	Total		587,900.00		526,900.00		526,900.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Forest Service—Continued.

CONSTRUCTION WORK CONTEMPLATED, 1929		CONSTRUCTION WORK ESTIMATED, 1928		CONSTRUCTION WORK DONE, 1927	
Based on records and present market conditions of labor and materials as far as practicable, the average unit costs of construction work on the national forests for 1929 are estimated as follows:		It is estimated that the following construction work will be completed in 1928 and financed from this appropriation:		Of this appropriation there was expended for construction work on national forests as follows:	
Fire-control and administrative improvements		*Fire-control and administrative improvements*		*Fire-control and administrative improvements*	
Telephone lines, per mile	$70	Telephone lines, 1,548 miles	$104,400	Telephone lines, 1,316 miles	$98,459
Fire breaks, do	560	Fire breaks, 89 miles	50,000	Fire breaks, 86 miles	52,116
Glass-ribbed lookout houses, each	1,000	Glass-ribbed lookout houses, 22	22,000	Glass-ribbed lookout houses, 19	17,063
Lookout towers and observatories, each	500	Lookout towers and observatories, 12	5,400	Lookout towers and observatories, 21	11,863
Dwellings, do	500	Dwellings, 82	42,000	Dwellings, 84	41,692
Barns, do	300	Barns, 24	8,000	Barns, 11	2,987
Offices, do	500	Offices, 9	4,900	Offices, 8	3,291
Other structures, do	100	Other structures, 121	15,000	Other structures, 270	29,729
Fences, per mile	200	Fences, 40 miles	7,800	Fences, 65 miles	11,892
Water development, each	200	Water development, 57	10,500	Water development, 59	14,826
Improvements to camp grounds, each	1,000	Improvements of camp grounds, 18	3,500		
Trails, miles	500	Trails, 23 miles	13,900		
Dam	11,000				
Range improvements		*Range improvements*		*Range improvements*	
Fences, per mile	500	Fences, 213 miles	31,000	Fences, 337 miles	34,162
				Corrals, 19	1,629
				Water development, 142	4,606

In all, salaries and expenses, [$8,608,570] *$8,903,750;* and in addition thereto there are hereby appropriated all moneys received as contributions toward cooperative work under the provisions of section 1 of the act approved March 3, 1925, which fund shall be covered into the Treasury and constitute a part of the special funds provided by the act of June 30, 1914: *Provided*, That not to exceed [$440,000] *$454,800* may be expended for departmental personal services in the District of Columbia (*U. S. C., p. 422, sec. 498; p. 428, sec 572; act Jan 18, 1927, vol. 44 pp. 988–991*) $8, 903, 750. 00 $8, 608, 570. 00

Forest Fire Cooperation—

For cooperation with the various States or other appropriate agencies in forest fire prevention and suppression and the protection of timbered and cut-over lands in accordance with the provisions of sections 1, 2, and 3 of the act entitled "An act to provide for the protection of forest lands, for the reforestation of denuded areas, for the extension of national forests, and for other purposes, in order to promote continuous production of timber on lands chiefly valuable therefor," approved June 7, 1924, including also the study of the effect of tax laws and the investigation of timber insurance as provided in section 3 of said act, [$1,000,000] *$1,200,000*, of which [$37,000] *$41,900* shall be available for personal services in the District of Columbia and not to exceed $3,000 for the purchase of supplies and equipment required for the purposes of said act in the District of Columbia (*U. S. C., p. 427, secs. 563–566; act Jan. 18, 1927, vol. 44, p. 1003*) 1, 200. 000. 00 1, 000, 000. 00

NOTE.—This item has been transferred from the miscellaneous section.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 5, $5,200 to $6,000; average, $5,600—						
Senior forester	0.5	$5,400	0.5	$5,400	0.5	$5,250
Grade 4, $3,800 to $5,000; average, $4,400—						
Forest inspector	0.8	4,600	0.8	4,600	0.7	4,600
Forester	1.5	3,933	0.5	4,200	0.5	4,000
Forest economist	1	3,800	1	3,800		
Clerical, administrative, and fiscal service—						
Grade 11, $3,800 to $5,000; average, $4,400—						
Assistant chief business specialist	1	4,000	1	4,000	1	4,000
Grade 9, $3,000 to $3,600; average, $3,300—						
Senior administrative assistant					0.8	3,600
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	1	1,680	1	1,680	1	1,708
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	3	1,500	2	1,500	1.3	1,500
Total average number of employees	8.8		6.8		5.8	
Total salaries, departmental service		26,260		20,960		18,383

The difference between 1929 and 1928 is due to increase in force, $5,300.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Forest Fire Cooperation—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
The following field service employees are stationed in Washington. Their salaries are chargeable to the limitation for personal services in the District of Columbia:	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $3,800 to $5,000; average, $4,400—						
Senior district forest inspector	2.7	$3,800	2.6	$3,915	1	$3,800
Salary range, $3,300 to $3,900; average, $3,600—						
Senior administrative assistant	1	3,700	1	3,700	1	3,600
Salary range, $1,680 to $2,040; average, $1,860—						
Clerk	1	1,680	1	1,680	1	1,680
Field service:						
Salaries and wages—						
Salary range, $7,500 and over—						
Taxation expert (part time)	0.4	7,500	0.4	7,500	0.2	7,500
Salary range, $5,200 to $6,000; average, $5,600—						
Senior forester	1	5,200	1.3	5,200	2	5,200
Salary range, $3,800 to $5,000; average, $4,400—						
Senior district forest inspector	5.8	3,960	5.7	3,947	3.5	3,936
Forest economist	1	3,800	0.5	3,800		
Salary range, $3,300 to $3,900; average, $3,600—						
District forest inspector	1	3,600	1	3,600	1	3,500
Senior administrative assistant	1	3,700	1	3,700	1	3,600
Salary range, $3,000 to $3,600; average, $3,300—						
Associate district forest inspector	1	3,200	1	3,200	1	3,100
Associate forester	1	3,300	1	3,300	1	3,100
Salary range, $2,400 to $3,000; average, $2,700—						
Assistant economist	1	2,400	1	2,400	1	2,400
Salary range, $2,100 to $2,700; average, $2,400—						
Senior clerk	1	2,100	1	2,100		
Salary range, $1,860 to $2,400; average, $2,111.42—						
Junior forester	1	1,860	1	1,860	1.1	1,964
Salary range, $1,680 to $2,040; average, $1,860—						
Clerk	4	1,680	4	1,680	3.1	1,680
Salary range, $1,500 to $1,860; average, $1,680—						
Assistant clerk	3.5	1,500	1.5	1,500	0.7	1,500
Salary range, $1,320 to $1,680; average, $1,500—						
Junior clerk					0.7	1,320
Salary range, $,140 to $1,500; average, $1,320—						
Underclerk	2	1,170	2	1,170	0.4	1,200
Salary range, $1,020 to $1,260; average, $1,140—						
Miner operative					0.2	1,020
Total average number of employees	24.7		22.4		16	
Total salaries, field service		69,428.00		65,629.00		49,142.00
Wages, temporary laborers		2,000.00		2,000.00		2,423.29
Total salaries and wages, field service		71,428.00		67,629.00		51,565.29
The difference between 1929 and 1928 is due to increase in force, $3,799.						
01 Total personal services		97,688.00		88,589.00		69,948.29
Supplies and materials:						
0200 Stationery and office supplies		200.00		200.00		180.83
0280 Sundry supplies		100.00		100.00		88.29
02 Total supplies and materials		300.00		300.00		269.12
Communication service:						
0500 Telegraph service		50.00		50.00		37.51
0510 Telephone service		300.00		300.00		235.60
0520 Other communication service						1.47
05 Total communication service		350.00		350.00		274.58
Travel expenses:						
0615 Transportation		9,500.00		9,100.00		7,623.04
0616 Subsistence		17,500.00		16,940.00		13,164.69
06 Total travel expenses		27,000.00		26,040.00		20,787.73
07 Transportation of things (service)		800.00		800.00		612.52
08 Photographing, and photographs and prints		70.00		70.00		67.69
10 Furnishing of heat, light, power, etc		360.00		360.00		240.00
11 Rent of buildings and structures		480.00		480.00		353.25
12 Repairs and alterations		300.00		300.00		223.24
22 Grants to States and other political subdivisions		1,066,852.00		876,911.00		607,019.04
Equipment:						
3000 Passenger-carrying vehicles		2,500.00		2,500.00		2,055.31
3010 Furniture, furnishings, and fixtures		2,000.00		2,000.00		1,434.01
3020 Educational, scientific, and recreational equipment		1,200.00		1,200.00		911.88
3050 Other equipment		100.00		100.00		27.55
30 Total equipment		5,800.00		5,800.00		4,428.78
Unobligated balance						704,224.24
						5,775.76
Total		1,200,000.00		1,000,000.00		710,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Cooperative Distribution of Forest Planting Stock— For cooperation with the various States in the procurement, production, and distribution of forest-tree seeds and plants in establishing windbreaks, shelter belts, and farm wood lots upon denuded or nonforested lands within such cooperating States, under the provisions of section 4 of the act entitled "An act to provide for the protection of forest lands, for the reforestation of denuded areas, for the extension of national forests, and for other purposes, in order to promote the continuous production of timber on lands chiefly suitable therefor," approved June 7, 1924, $75,000, of which amount not to exceed [$2,900] *$2,860* may be expended for personal services in the District of Columbia (*U. S. C., p. 427, sec. 567; act Jan. 18, 1927, vol. 44, p. 1004*)	$75,000.00	$75,000.00

NOTE.—This item has been transferred from the miscellaneous section.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
Grade 4, $3,800 to $5,000; average, $4,400—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Forester	0.5	$4,200	0.5	$4,200	0.5	$4,000
Clerical, administrative, and fiscal service—						
Grade 9, $3,000 to $3,600; average, $3,300—						
Senior administrative assistant					0.1	3,600
Total average number of employees	0.5		0.5		0.6	
Total salaries, departmental service		2,100		2,100		2,360
Field service:						
Salaries and wages—						
Salary range, $3,800 to $5,000; average, $4,400—						
Senior district forest inspector [1]	0.2	3,800	0.2	3,800	0.1	3,800
Total average number of employees	0.2		0.2		0.1	
Total salaries, field service		760.00		760.00		573.30
01 Total personal services		2,860.00		2,860.00		2,933.30
22 Grants to States		72,140.00		72,140.00		67,261.31
						70,194.61
Unobligated balance						4,805.39
Total		75,000.00		75,000.00		75,000.00

[1] This employee is stationed in the District of Columbia and for that reason his salary is chargeable to the limitation for personal services applying to this appropriation since the limitation is both an authorization and limitation.

Acquisition of Lands for Protection of Watersheds of Navigable Streams— For the acquisition of additional lands at headwaters of navigable streams, to be expended under the provisions of the act of March 1, 1911 [(Thirty-sixth Statutes at Large, page 961)], as amended, $1,000,000, of which amount not to exceed $31,000 may be expended for personal services and supplies and equipment in the District of Columbia (*U. S. C., p. 426, sec. 552; act Jan. 18, 1927, vol. 44, p. 1004*) | 1,000,000.00 | 1,000,000.00

NOTE.—This item has been transferred from the Miscellaneous section

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
Grade 5, $5,200 to $6,000; average, $5,600—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Senior attorney	1	$5,400	1	$5,400	1	$5,200
Grade 4, $3,800 to $5,000; average, $4,400—						
Attorney	1	3,800	1	3,800	1	3,800
Clerical, administrative, and fiscal service—						
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	2	1,950	2	1,950	1	1,890
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	1	1,560	1	1,560	1	1,500
Total average number of employees	5		5		4	
Total salaries, departmental service		14,660		14,660		12,390

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Acquisition of Lands for Protection of Watersheds of Navigable Streams—Contd.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
Salary range, $3,800 to $5,000; average, $4,400—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Forester	1	$4,000	1	$4,000	1	$4,000
Salary range, $3,300 to $3,900; average, $3,600—						
District forest inspector	1	3,400	1	3,400	1	3,350
Salary range, $3,000 to $3,600; average, $3,300—						
Senior administrative assistant	1	3,100	1	3,100	1	3,100
Associate title attorney	1	3,500	1	3,500	1	3,500
Salary range, $2,400 to $3,000; average, $2,700—						
Assistant forester	3.2	2,600	3.2	2,600	3.2	2,577
Chief land examiner	6.2	2,600	6.2	2,600	6.2	2,577
Assistant forest supervisor	0.3	2,400	0.3	2,400	0.3	2,400
Assistant title attorney	6.3	2,650	6.3	2,650	6.3	2,620
Salary range, $1,860 to $2,400; average, $2,111.42—						
Junior forester	3.3	2,000	3.3	2,000	3.3	1,991
Senior transitman	2.6	1,938	2.6	1,938	2.6	1,927
Senior forest planting assistant	0.3	2,100	0.3	2,100	0.3	2,043
Senior clerk	1	1,980	1	1,980	1	1,927
Salary range, $1,680 to $2,040; average, $1,860—						
Transitman	5	1,704	5	1,704	5	1,680
Clerk	1	1,800	1	1,800	1.1	1,760
Salary range, $1,320 to $1,680; average, $1,500—						
Junior clerk	7	1,440	7	1,440	7	1,430
Total average number of employees	40.2		40.2		40.3	
Total salaries, field service		90,505.00		90,505.00		89,869.00
Wages, temporary laborers		26,000.00		26,000.00		28,434.09
Total salaries and wages, field service		116,505.00		116,505.00		118,303.68
01 Total personal services		131,165.00		131,165.00		130,693.68
Supplies and materials:						
0200 Stationery and office supplies		1,000.00		1,000.00		1,019.17
0260 Provisions		4,500.00		4,500.00		4,432.79
0280 Sundry supplies		700.00		700.00		712.95
0290 Materials		250.00		250.00		257.65
02 Total supplies and materials		6,450.00		6,450.00		6,422.56
03 Subsistence and support of persons (service)		4,200.00		4,200.00		4,208.99
Communication service:						
0500 Telegraph service						5.06
0510 Telephone service		75.00		75.00		85.06
0520 Other communication service						6.47
05 Total communication service		75.00		75.00		96.59
Travel expenses:						
0615 Transportation		9,000.00		9,000.00		9,111.98
0616 Subsistence		12,300.00		12,300.00		12,356.19
06 Total travel expenses		21,300.00		21,300.00		21,468.17
07 Transportation of things (service)		1,600.00		1,600.00		1,655.94
08 Photography, photographs, and prints		30.00		30.00		36.44
10 Furnishing of heat, light, power, etc		240.00		240.00		255.77
Rents:						
1100 Rent of buildings and structures		600.00		600.00		649.22
1110 Other rents		1,080.00		1,080.00		1,099.93
11 Total rents		1,680.00		1,680.00		1,749.15
12 Repairs and alterations		600.00		600.00		637.95
13 Special and miscellaneous current expenses		75.00		75.00		75.16
Equipment:						
3010 Furniture, furnishings, and fixtures		350.00		350.00		374.20
3020 Educational, scientific, and recreational equipment		150.00		150.00		165.36
3050 Other equipment		1,600.00		1,600.00		1,596.45
30 Total equipment		2,100.00		2,100.00		2,136.01
31 Lands and interests in land		830,485.00		830,485.00		830,494.99
32 Structures and parts and nonstructural improvements to lands						68.69
Total		1,000,000.00		1,000,000.00		1,000,000.00

Acquisition of Lands, No Year—

31 Lands and interest in land: Expenditure—1927, $922.85.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
PERMANENT INDEFINITE APPROPRIATION		
Refunds to Depositors, Excess of Deposits, National Forests Fund— All money received, by or on account of the Forest Service for timber, or from any other source of forest-reservation revenue, is covered into the Treasury of the United States as a miscellaneous receipt; and there is appropriated so much as may be necessary to make refunds to depositors of money deposited by them in excess of amounts found actually due from them to the United States, and so much as may be necessary to refund to the rightful claimants such sums as may be found to have been erroneously collected for the use of lands, or for timber or other resources sold from lands located within, but not a part of, the national forests, or for alleged illegal acts done upon such lands, which acts are subsequently found to have been proper and legal. The Secretary of Agriculture is required to make annual report to Congress of the amounts refunded hereunder (*U. S. C., p. 422, sec. 499*)	$75,000.00	$100,000.00
5330 Miscellaneous refunds: Expenditures—1929, $75,000, 1928, $100,000; 1927, $60,396.91.		
PERMANENT SPECIFIC APPROPRIATION		
National Forest Reservation Commission— A sum sufficient to pay the necessary expenses of the commission and its members, not to exceed an annual expenditure of $25,000, has been appropriated, to be paid out on the audit and order of the president of the commission, which audit and order is conclusive and binding upon all departments as to the correctness of the accounts of the commission (*U. S. C., p. 424, secs. 513, 514*)	500.00	500.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
0200 Stationery and office supplies	$100.00	$100.00	$107.31
0800 Printing and binding	400.00	400.00	260.63
Total	500.00	500.00	367.94

SPECIAL FUNDS		
Payments to States and Territories from the National Forests Fund— Twenty-five per cent of all money received from each forest reserve during any fiscal year is paid at the end thereof by the Secretary of the Treasury to the State or Territory in which the reserve is situated, to be expended as the State or Territorial legislature may prescribe for the benefit of the public schools and public roads of the county or counties in which the forest reserve is situated. When any forest reserve is in more than one State or Territory or county, the distributive share to each from the proceeds of the reserve is proportional to its area therein (*U. S. C., p. 422, sec. 500*)	1,285,000.00	1,307,750.00
2200 Grants to States: Expenditures—1929, $1,285,000; 1928, $1,285,102.62; 1927, $1,285,523.44.		
Cooperative Work, Forest Service— All moneys received as contributions toward cooperative work in forest investigations, or the protection and improvement of the national forests, including deposits received from timber purchasers to cover the cost to the United States of disposing of brush and other débris resulting from cutting operations in sales of national-forest timber, are covered into the Treasury and constitute a special fund, which is appropriated and made available until expended, as the Secretary of Agriculture may direct, for the payment of the expenses of the investigations, protection, or improvements by the Forest Service, and for refunds to the contributors of amounts paid in by them in excess of their share of the cost of the investigations, protection, or improvements. Annual report is required to be made to Congress of all moneys received as contributions for such cooperative work (*U. S. C., p. 422, sec. 498*)	1,500,000.00	1,800,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Cooperative Work, Forest Service—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Clerical, administrative, and fiscal service—	*Average—*		*Average—*		*Average—*	
Grade 5, $1,860 to $2,400; average, $2,111.42—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Senior photographer					0.3	$1,680
Total average number of employees					0.3	
Total salaries, departmental service						470.17
Field service:						
Salaries and wages—						
Salary range, $3,800 to $5,000; average, $4,400—						
Engineer in forest products	1.1	$4,000	1.1	$4,000	1.1	4,037
Chemist	0.4	4,000	0.4	4,000	0.4	3,817
Specialist in wood structure	0.1	4,400	0.1	4,400	0.1	4,400
Salary range, $3,300 to $3,900; average, $3,600—						
Junior administrative officer	1	3,400	1	3,400	1	3,339
Salary range, $3,000 to $3,600; average, $3,300—						
Senior administrative assistant	0.2	3,300	0.2	3,300	0.2	3,230
Associate chemist	0.1	3,100	0.1	3,100	0.1	3,100
Associate engineer	0.2	3,100	0.2	3,100	0.2	3,100
Associate wood technologist	0.6	3,300	0.6	3,300	0.6	3,300
Associate highway engineer					0.9	3,153
Salary range, $2,700 to $3,300; average, $3,000—						
Associate administrative assistant	1	2,800	1	2,800	1	2,794
Salary range, $2,400 to $3,000; average, $2,700—						
Assistant forest supervisor	0.3	2,600	0.3	2,600	0.3	2,543
Assistant engineer	0.8	2,400	0.8	2,400	0.8	2,400
Assistant chemist	0.3	2,400	0.3	2,400	0.3	2,400
Assistant wood technologist	0.1	2,400	0.1	2,400	0.1	2,400
Chief lumberman	0.1	2,400	0.1	2,400	0.1	2,400
Chief surveyor	0.2	2,400	0.2	2,400	0.2	2,400
Assistant highway engineer	0.7	2,668	0.7	2,668	0.7	2,632
Chief of road survey party	0.6	2,513	0.6	2,513	0.6	2,348
Gas shovel engineer					0.1	2,880
Salary range, $2,100 to $2,700; average, $2,400—						
Principal clerk	0.1	2,100	0.1	2,100	0.1	2,100
Chief engineering inspector superintendent	0.1	2,616	0.1	2,616	0.1	2,400
Mechanical superintendent	0.2	2,400	0.2	2,400	0.2	2,400
Salary range, $1,860 to $2,400; average, $2,111.42—						
Junior forester	0.3	2,000	0.3	2,000	0.3	2,000
Senior clerk	0.4	1,860	0.4	1,860	0.4	1,860
Junior chemist	0.5	2,100	0.5	2,100	0.5	2,104
Senior forest ranger	0.2	1,860	0.2	1,860	0.2	1,860
Junior engineer	0.5	2,000	0.5	2,000	0.5	1,994
Junior highway engineer	0.4	1,972	0.4	1,972	0.4	1,991
Junior civil engineer	0.5	2,100	0.5	2,100	0.5	1,980
Senior engineering inspector foreman	0.8	1,895	0.8	1,895	0.8	1,860
Senior clerk	0.2	2,086	0.2	2,086	0.2	2,300
Transitman for road surveys	0.3	1,891	0.3	1,891	0.3	1,937
General utilities mechanic	0.6	2,200	0.6	2,200	0.6	2,065
Salary range, $1,680 to $2,040; average, $1,860—						
Lumberman	0.1	1,680	0.1	1,680	0.1	1,680
Clerk	0.6	1,800	0.6	1,800	0.6	1,797
Custodian (carpenter)	0.6	1,680	0.6	1,680	0.6	1,680
Laboratory aid	0.5	1,800	0.5	1,800	0.5	1,770
Multigraph foreman	0.2	1,920	0.2	1,920	0.2	1,900
Senior mechanic	0.6	1,740	0.6	1,740	0.6	1,693
Paper maker	0.7	1,920	0.7	1,920	0.7	1,896
Forest ranger	3	1,820	3	1,820	3	1,821
Blacksmith	0.2	1,860	0.2	1,860	0.2	1,800
Mechanic	0.3	1,950	0.3	1,950	0.3	1,949
Automobile mechanic	1.5	2,000	1.5	2,000	1.5	1,990
Upholsterer	0.1	1,800	0.1	1,800	0.1	1,800
Machinist	0.1	1,800	0.1	1,800	0.1	1,800
Clerk	0.1	1,800	0.1	1,800	0.1	1,800
Transitman for road surveys					0.1	1,680
Highway draftsman					0.2	1,845
Salary range, $1,500 to $1,860; average, $1,680—						
Assistant clerk	0.9	1,500	0.9	1,500	0.9	1,500
Assistant custodian	0.8	1,500	0.8	1,500	0.8	1,500
Assistant laboratory aid	0.7	1,500	0.7	1,500	0.7	1,500
Assistant forest ranger	1	1,620	1	1,620	1	1,620
Assistant scaler	0.3	1,500	0.3	1,500	0.3	1,500
Automobile mechanic helper	0.4	1,740	0.4	1,740	0.4	1,729
Automobile painter	0.2	1,680	0.2	1,680	0.2	1,620
Assistant clerk	0.8	1,560	0.8	1,560	0.8	1,527
Salary range, $1,320 to $1,680; average, $1,500—						
Junior clerk	0.1	1,380	0.1	1,380	0.1	1,380
Junior laboratory aid	0.1	1,320	0.1	1,320	0.1	1,320
Junior mechanic	0.5	1,440	0.5	1,440	0.5	1,412
Helper					0.5	1,345
Total average number of employees	27.3		27.3		29.1	
Total salaries, field service		58,730.00		58,730.00		62,457.07
Wages, temporary laborers		284,000.00		284,000.00		272,869.59
Total personal services, field service		342,730.00		342,730.00		335,326.66
Deduct expenditures for personal services included in objects named below		37,690.00		37,690.00		36,053.76
Net salaries and wages, field service		305,040.00		305,040.00		299,272.90
01 Total personal services		305,040.00		305,040.00		299,743.07

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Cooperative Work, Forest Service—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Supplies and materials:			
0200	Stationery and office supplies	$600.00	$600.00	$565.75
0210	Medical and hospital supplies	100.00	100.00	114.45
0220	Scientific and educational supplies	400.00	400.00	374.70
0250	Forage and other supplies for animals	1,700.00	1,700.00	1,628.05
0260	Provisions	26,000.00	26,000.00	25,726.36
0280	Sundry supplies	2,800.00	2,800.00	2,693.21
0290	Materials	300.00	300.00	311.54
02	Total supplies and materials	31,900.00	31,900.00	31,414.06
03	Subsistence and support of persons	29,000.00	29,000.00	28,819.92
04	Subsistence and care of animals and storage and care of vehicles	1,500.00	1,500.00	1,417.53
05	Telephone service	480.00	480.00	451.30
	Travel expenses:			
0615	Transportation	5,000.00	5,000.00	4,948.78
0616	Subsistence	3,600.00	3,600.00	3,541.60
06	Total travel expenses	8,600.00	8,600.00	8,490.38
07	Transportation of things	6,600.00	6,600.00	6,519.07
08	Photographing, making photographs, and prints	100.00	100.00	78.64
09	Advertising and publication of notices			32.40
10	Furnishing of heat, light, power, etc	240.00	240.00	236.43
	Rents:			
1100	Rents of buildings and structures	5,000.00	5,000.00	4,923.82
1110	Other rents	540.00	540.00	545.90
11	Total rents	5,540.00	5,540.00	5,469.72
12	Repairs and alterations	70,000.00	70,000.00	68,265.05
13	Special and miscellaneous current expenses	300.00	300.00	291.17
	Equipment:			
3010	Furniture, furnishings, and fixtures	500.00	500.00	514.52
3020	Educational, scientific, and recreational equipment	1,500.00	1,500.00	1,510.08
3040	Purchases of livestock	400.00	400.00	412.80
3050	Other equipment	7,700.00	7,700.00	7,652.51
30	Total equipment	10,100.00	10,100.00	10,089.91
	Structures and parts and nonstructural improvements to land	984,210.00	1,284,210.00	955,383.37
	Add indirect expenditures deducted from other objects	37,690.00	37,690.00	36,053.76
32	Total structures and parts and nonstructural improvements to land	1,021,900.00	1,321,900.00	991,437.13
33	Stores purchased for resale	600.00	600.00	550.36
52	Special and miscellaneous repayments of deposits	8,000.00	8,000.00	7,821.01
53	Miscellaneous refunds	100.00	100.00	40.00
	Total	1,500,000.00	1,800,000.00	1,461,167.15

Payment to School Funds, Arizona and New Mexico, National Forests Fund—
At the close of each fiscal year there is paid by the Secretary of the Treasury to each of these two States, as income for its common-school fund, such proportion of the gross proceeds of all the national forests within the State as the area of lands granted to the State for school purposes within these forest reserves may bear to the total area of all national forests within these States (*U. S. C., p. 422, sec. 500*) ..... $40,000.00 | $40,000.00

2200 Grants to States: Expenditures—1929, $40,000; 1928, $26,198.92; 1927, $13,567.25.

Roads and Trails for States, National Forests Fund—
An additional 10 per centum of all moneys received from the national forests during each fiscal year is available at the end thereof, to be expended by the Secretary of Agriculture for the construction and maintenance of roads and trails within the national forests in the States from which such proceeds are derived (*U. S. C., p. 422, sec. 501*) ..... 530,000.00 | 523,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
Salary range, $3,800 to $5,600; average, $4,400—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
District engineer	0.2	$4,000	0.2	$4,000	0.2	$4,000
District fiscal agent	0.5	3,800	0.5	3,800	0.5	3,800
Salary range, $3,300 to $3,900; average, $3,600—						
District forest inspector	0.8	3,391	0.8	3,391	0.8	3,391

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Roads and Trails for States, National Forests Fund—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service—Continued.						
Salaries and wages—Continued.	*Average—*		*Average—*		*Average—*	
Salary range, $3,000 to $3,600; average, $3,300—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Associate civil engineer	0.4	$3,167	0.4	$3,167	0.4	$3,167
Salary range, $2,400 to $3,000; average, $2,700—						
Chief surveyor	3.1	2,593	3.1	2,593	3.1	2,593
Deputy fiscal agent	1	2,517	1	2,517	1	2,517
Superintendent of road construction	0.1	2,400	0.1	2,400	0.1	2,400
Administrative assistant	0.2	2,800	0.2	2,800	0.2	2,800
Chief of road survey party	0.5	2,500	0.5	2,500	0.5	2,500
Assistant engineer	0.5	2,500	0.5	2,500	0.5	2,500
Salary range, $2,100 to $2,700; average, $2,400—						
Principal surveyor-draftsman	0.5	2,100	0.5	2,100	0.5	2,100
Superintendent of road construction	0.6	2,100	0.6	2,100	0.6	2,100
Salary range, $1,860 to $2,400; average, $2,111.42—						
Senior forest ranger	0.3	1,860	0.3	1,860	0.3	1,860
Salary range, $1,680 to $2,040; average, $1,860—						
Forest ranger	0.4	1,885	0.4	1,885	0.4	1,885
Road foreman	0.9	1,693	0.9	1,693	0.9	1,693
Total average number of employees	10		10		10	
01 Total salaries, field service		25,682		25,682		25,682
Deduct expenditures for personal services included in objects named below		25,682		25,682		25,682
12 Repairs and alterations		120,000.00		120,000.00		89,106.21
Structures and parts and nonstructural improvements to land		454,318.00		454,318.00		333,064.59
Add indirect expenditures deducted from other objects		25,682.00		25,682.00		25,682.00
32 Total structures and parts and nonstructural improvements to land		480,000.00		480,000.00		358,746.59
Total		600,000.00		600,000.00		447,852.80

Unexpended balance carried forward June 30, 1926, $328,958.53.
Unexpended balance carried forward June 30, 1927, $395,310.74.

Total, Forest Service $14,609,250.00 $14,454,820.00

BUREAU OF CHEMISTRY AND SOILS

Salaries and Expenses, Bureau of Chemistry and Soils—

For all necessary expenses connected with the investigations and experiments hereinafter authorized, including the employment of investigators, local and special agents, assistants, experts, clerks, draftsmen, and labor in the city of Washington and elsewhere; official traveling expenses, materials, tools, instruments, apparatus, repairs to apparatus, chemicals, furniture, office fixtures, stationery, gas, electric current, telegraph and telephone service, express and freight charges, rent outside the District of Columbia, and for all other necessary supplies and expenses, as follows (*U. S. C., pp. 56, 57, secs. 511, 512, 524; act Jan. 18, 1927, vol. 44, pp. 991, 992*):

For necessary expenses for general administrative purposes, including the salary of chief of bureau and other personal services in the District of Columbia, [$50,920] (*U. S. C., pp. 56, 57, secs. 511, 512, 524; act Jan. 18, 1927, vol. 44, pp. 991, 992*) $54,280.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
Grade 7, $7,500 and over—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Scientist (chief of bureau)	1	$7,500	0.7	$7,500		
Grade 6, $6,000 to $7,500; average, $6,750—						
Scientist (chief of bureau)					1	$6,000
Grade 5, $5,200 to $6,000; average, $5,600—						
Scientist			0.3	6,000		
Clerical, administrative, and fiscal service—						
Grade 11, $3,800 to $5,000; average, $4,400—						
Administrative officer (assistant to chief)	1	3,800	1	3,800	0.3	3,800
Grade 9, $3,000 to $3,600; average, $3,300—						
Senior administrative assistant	1	3,000	1	3,000		
Administrative officer					0.7	3,200
Grade 8, $2,700 to $3,300; average, $3,000—						
Administrative assistant	1	2,700	1	2,700		
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant					1	2,700
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	2	2,100	2	2,100	2.4	2,220

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Bureau of Chemistry and Soils—Continued.

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Departmental service—Continued.						
	Salaries—Continued.						
	Clerical, administrative, and fiscal service—Con.	*Average—*		*Average—*		*Average—*	
	Grade 5, $1,860 to $2,400; average, $2,111.42—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Senior clerk	3	$1,940	2	$1,980	1.2	$1,980
	Grade 4, $1,680 to $2,040; average, $1,860—						
	Clerk	3	1,820	3	1,820	2.6	1,770
	Grade 3, $1,500 to $1,860; average, $1,680—						
	Assistant clerk	5	1,620	5	1,620	5.4	1,647
	Grade 2, $1,320 to $1,680; average, $1,500—						
	Junior clerk	4	1,440	4	1,440	2.5	1,420
	Grade 1, $1,140 to $1,500; average, $1,320—						
	Underclerk	2	1,170	1	1,200	1.1	1,140
	Custodial service—						
	Grade 3, $900 to $1,260; average, $1,080—						
	Minor custodian (messenger)	1	1,080	1	1,080	1	1,080
	Grade 2, $780 to $1,140; average, $960—						
	Junior laborer	3	900	3	900	3.1	900
	Grade 1, $600 to $780; average, $690—						
	Junior messenger	1	600	1	600	1	600
	Total average number of employees	28		26		23.3	
01	Total salaries, departmental service		53,060.00		49,610.00		42,946.60
	The difference between 1929 and 1928 is due to increase in force, $3,450.						
	Supplies and materials:						
	0200 Stationery and office supplies		350.00		196.00		947.61
	0220 Scientific and educational supplies						1.02
	0280 Sundry supplies						5.40
02	Total supplies and materials		350.00		196.00		954.03
	Communication service:						
	0500 Telegraph service		35.00				97.81
	0510 Telephone service		150.00		104.00		237.46
	0520 Other communication service		15.00				31.20
05	Total communication service		200.00		104.00		366.47
06	Travel expenses						26.38
07	Transportation of things (service)		150.00		50.00		994.30
08	Photographing and photographs and prints						84.33
12	Repairs and alterations		250.00		150.00		632.01
13	Special and miscellaneous current expenses		100.00		50.00		113.22
	Equipment:						
	3010 Furniture, furnishings, and fixtures		170.00				1,002.03
	3050 Other equipment						.40
30	Total equipment		170.00				1,002.43
					50,160.00		47,119.77
	Unobligated balance						920.23
	Reserve				760.00		
	Total		54,280.00		50,920.00		48,040.00

For conducting the investigations contemplated by the act of May 15, 1862, relating to the application of chemistry to agriculture; for the biological investigation of food and drug products and substances used in the manufacture thereof, including investigations of the physiological effects of such products on the human organism; to cooperate with associations and scientific societies in the development of methods of analysis, [$195,947] (*U. S. C., pp. 56, 57, secs. 511, 512, 524; act Jan. 18, 1927, vol. 44, pp. 991, 992*)..... $259,000.00

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Departmental service:						
	Salaries—						
	Professional and scientific service—	*Average—*		*Average—*		*Average—*	
	Grade 6, $6,000 to $7,500; average, $6,750—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Assistant chief of bureau	1	$6,500	1	$6,500		
	Grade 5, $5,200 to $6,000; average, $5,600—						
	Assistant chief of bureau					0.5	$5,200
	Senior chemist	4.7	5,300	4.7	5,300	3.8	5,200
	Grade 4, $3,800 to $5,000; average, $4,400—						
	Chemist	7.5	3,922	5.5	3,967	2.8	3,950
	Grade 3, $3,000 to $3,600; average, $3,300—						
	Associate chemist	8.9	3,105	6.9	3,135	7.9	3,095
	Grade 2, $2,400 to $3,000; average, $2,700—						
	Assistant chemist	14.5	2,525	9.5	2,590	4.1	2,570
	Grade 1, $1,860 to $2,400; average, $2,111.42—						
	Junior chemist	10	1,922	8	1,938	5.6	1,962
	Junior sugar technologist					0.1	1,860
	Subprofessional service—						
	Grade 5, $1,680 to $2,040; average, $1,860—						
	Laboratory mechanic					0.2	1,800
	Grade 4, $1,500 to $1,860; average, $1,680—						
	Assistant scientific aid	2	1,800	2	1,800	2.3	1,751
	Grade 3, $1,320 to $1,680; average, $1,500—						
	Junior scientific aid	1	1,680	1	1,680	0.8	1,680
	Grade 1, $900 to $1,260; average, $1,080—						
	Minor scientific helper	10.5	1,069	10.5	1,069	10.9	1,063

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

Salaries and Expenses, Bureau of Chemistry and Soils—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927		Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
	Average— *No.*	*Salary*	*Average—* *No.*	*Salary*	*Average—* *No.*	*Salary*		
Departmental service—Continued.								
Salaries—Continued.								
Clerical, administrative, and fiscal service—								
Grade 8, $2,700 to $3,300; average, $3,000—								
Associate administrative assistant					0.2	$2,800		
Grade 6, $2,100 to $2,700; average, $2,400—								
Clerk	1	$2,400	1	$2,400				
Grade 5, $1,800 to $2,400; average, $2,111.42—								
Senior clerk	1.5	1,890	1.5	1,890	0.4	2,000		
Senior clerk-stenographer					0.7	1,860		
Grade 4, $1,680 to $2,040; average, $1,860—								
Clerk	3	1,800	3	1,800	4.3	1,765		
Grade 3, $1,500 to $1,860; average, $1,680—								
Assistant clerk	3.5	1,635	3.5	1,635	3.3	1,654		
Assistant stenographer					0.4	1,500		
Grade 2, $1,320 to $1,680; average, $1,500—								
Junior clerk					0.2	1,440		
Custodial service—								
Grade 9, $2,100 to $2,700; average, $2,400—								
Assistant mechanical superintendent	1	2,400	1	2,400	1	2,400		
Grade 4, $1,140 to $1,500; average, $1,320—								
Under mechanic	1	1,380	1	1,380	0.5	1,380		
Undercustodian-machinist					0.5	1,320		
Grade 3, $900 to $1,260; average, $1,080—								
Minor custodian (laborer)	1	1,020	1	1,020	2	1,020		
Grade 2, $900 to $1,140; average, $1,020—								
Office laborer (40 cents an hour)	4	367	4	367	4	367		
Grade 1, $600 to $780; average, $690—								
Junior messenger	2	600	2	600	0.3	600		
Total average number of employees	78.1		67.1		56.8			
Total salaries, departmental service		184,625.00		155,299.00		120,876.24		
The difference between 1929 and 1928 is due to increase in force, $29,326.								
Field service:								
Salaries and wages—								
Salary range, $3,800 to $5,000; average, $4,400—								
Chemist	1.5	4,500	1	4,200	1	4,000		
Salary range, $3,000 to $3,600; average, $3,300—								
Associate chemist	4	3,025	1	3,100	1	3,000		
Salary range, $2,400 to $3,000; average, $2,700—								
Assistant chemist	5	2,620	2	2,950	2	2,850		
Salary range, $1,860 to $2,400; average, $2,111.42—								
Junior chemist	1	1,920	1	1,920	0.9	1,920		
Salary range, $1,680 to $2,040; average, $1,860—								
Clerk	1	1,740	1	1,740	1	1,740		
Salary range, $1,500 to $1,860; average, $1,680—								
Assistant laboratory mechanic	1	1,680	1	1,680	1	1,680		
Salary range, $1,320 to $1,680; average, $1,500—								
Junior scientific aid	1	1,320	1	1,320	1	1,320		
Salary range, $1,140 to $1,500; average, $1,320—								
Under scientific helper	1	1,260	1	1,260	1	1,200		
Total average number of employees	15.5		9		8.9			
Total salaries and wages, field service		39,871.00		21,120.00		20,399.84		
The difference between 1929 and 1928 is due to increase in force, $18,751.								
01 Total personal services		224,496.00		176,419.00		141,276.08		
Supplies and materials:								
0200 Stationery and office supplies		1,250.00		750.00		833.94		
0220 Scientific and educational supplies		7,990.00		5,000.00		5,617.57		
0230 Fuel		150.00		100.00		127.23		
0280 Sundry supplies		1,100.00		500.00		613.57		
02 Total supplies and materials		10,490.00		6,350.00		7,192.31		
Communication service:								
0500 Telegraph service		35.00		25.00		33.42		
0510 Telephone service		250.00		225.00		263.28		
0520 Other communication service						2.20		
05 Total communication service		285.00		250.00		298.90		
Travel expenses:								
0615 Transportation		5,200.00		1,500.00		1,882.70		
0616 Subsistence		5,374.00		2,100.00		2,225.54		
06 Total travel expenses		10,574.00		3,600.00		4,108.24		
07 Transportation of things (service)		500.00		338.00		448.59		
08 Photographing and making photographs and prints		15.00		15.00		15.61		
10 Furnishing of heat, light, and power		300.00		225.00		229.75		
11 Rents		2,200.00		1,200.00		1,200.00		
12 Repairs and alterations		1,500.00		1,000.00		1,114.99		
13 Special and miscellaneous current expenses		1,200.00		500.00		613.00		
Equipment:								
3010 Furniture, furnishings, and fixtures		1,000.00		200.00		226.07		
3020 Educational, scientific, and recreational equipment		5,490.00		2,500.00		3,014.09		
3050 Other equipment		950.00		350.00		387.72		
30 Total equipment		7,440.00		3,050.00		3,627.88		
Unobligated balance				192,947.00		160,125.35		
Reserve						8,181.65		
Total		259,000.00		195,947.00		168,607.00		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Salaries and Expenses, Bureau of Chemistry and Soils—Continued. For investigation and experiment in the utilization, for coloring, medicinal, and technical purposes, of raw materials grown or produced in the United States, in cooperation with such persons, associations, or corporations as may be found necessary, including repairs, alterations, improvements, or additions to a building on the Arlington Experimental Farm (*U. S. C., pp. 56–57, secs. 511, 512, 524; act Jan. 18, 1927, vol. 44, pp. 991, 992*)	$72,921.00	

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
Grade 5, $5,200 to $6,000; average, $5,600—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Senior chemist	1.5	$5,300	1.5	$5,300	0.2	$5,200
Grade 4, $3,800 to $5,000; average, $4,400—						
Chemist					1.3	3,920
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate chemist	5	3,120	4	3,120	3.7	3,157
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant chemist	4	2,400	4	2,400	2.8	2,411
Assistant plant histologist					0.5	2,600
Assistant librarian					0.9	2,400
Grade 1, $1,860 to $2,400; average, $2,111.42—						
Junior chemist	3	1,860	3	1,860	1.5	1,896
Junior librarian					0.2	1,920
Subprofessional service—						
Grade 7, $2,100 to $2,700; average, $2,400—						
Principal mechanic	1	2,600	1	2,600	1	2,600
Grade 4, $1,500 to $1,860; average, $1,680—						
Assistant scientific aid	1	1,860	1	1,860	1.5	1,708
Grade 3, $1,320 to $1,680; average, $1,500—						
Junior scientific aid					0.8	1,334
Grade 1, $900 to $1,260; average, $1,080—						
Minor scientific helper	3	980	3	980	2	1,020
Clerical, administrative, and fiscal service—						
Grade 7, $2,400 to $3,000; average, $2,700—						
Assistant editor					0.2	2,700
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk					0.5	2,300
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	1.3	1,980	1.3	1,980	1	2,100
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant stenographer	2	1,500	2	1,500	0.5	1,500
Assistant clerk					0.6	1,565
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior stenographer					0.5	1,320
Junior clerk	1	1,560	1	1,560	1	1,560
Custodial service—						
Grade 7, $1,680 to $2,040; average, $1,860—						
Custodian-mechanic	1	2,040	1	2,040	1	2,040
Grade 6, $1,500 to $1,860; average, $1,680—						
Mechanic (carpenter)	1	1,680	1	1,680	1	1,680
Grade 3, $900 to $1,260; average, $1,080—						
Senior laborer	1	1,080	1	1,080	1	1,080
Grade 2, $900 to $1,140; average, $1,020—						
Office laborer	3	960	3	960	2	960
Grade 1, $600 to $780; average, $690—						
Junior laborer					0.7	900
Total average number of employees	28.8		27.8		26.4	
01 Total salaries, departmental service		60,944.00		57,824.00		54,384.74
The difference between 1929 and 1928 is due to increase in force, $3,120.						
Supplies and materials:						
0200 Stationery and office supplies		900.00		900.00		976.09
0220 Scientific and educational supplies		3,600.00		3,600.00		3,618.76
0230 Fuel		250.00		500.00		533.91
0280 Sundry supplies		1,000.00		850.00		1,300.59
02 Total supplies and materials		5,750.00		5,850.00		6,429.35
Communication service:						
0500 Telegraph service		20.00		20.00		3.70
0510 Telephone service		200.00		200.00		249.65
05 Total communication service		220.00		220.00		253.35
Travel expenses:						
0615 Transportation		650.00		750.00		776.66
0616 Subsistence		600.00		650.00		636.72
06 Total travel expenses		1,250.00		1,400.00		1,413.38
07 Transportation of things (service)		200.00		200.00		258.25
08 Photographing and making photographs and prints						.18
10 Furnishing of heat, light, and power		1,310.00		1,500.00		1,483.96
12 Repairs and alterations		947.00		947.00		915.99
13 Special and miscellaneous current expenses		1,300.00		1,800.00		1,741.83
Equipment:						
3010 Furniture, furnishings, and fixtures		500.00		700.00		609.38
3020 Educational, scientific, and recreational equipment		500.00		850.00		543.37
3050 Other equipment				280.00		97.56
30 Total equipment		1,000.00		1,830.00		1,250.31
				71,571.00		68,131.34
Unobligated balance						5,289.66
Reserve				1,350.00		
Total		72,921.00		72,921.00		73,421.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Salaries and Expenses, Bureau of Chemistry and Soils—Continued. For the investigation and development of methods for the manufacture of table sirup and sugar and of methods for the manufacture of sweet sirups by the utilization of new agricultural sources (*U. S. C., pp. 56, 57, secs. 511, 512, 524; act Jan. 18, 1927, vol. 44, pp. 991, 992*)--- $35,234.00		

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Departmental service:						
	Salaries—						
	Professional and scientific service—	*Average—*		*Average—*		*Average—*	
		No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Grade 5, $5,200 to $6,000; average, $5,600— Senior chemist	0.6	$5,200	0.6	$5,200	0.5	$5,200
	Grade 4, $3,800 to $5,000; average, $4,400— Chemist	0.5	3,800	0.5	3,800	0.8	3,800
	Grade 3, $3,000 to $3,600; average, $3,300— Associate chemist	2.5	3,067	2.5	3,067	0.4	3,050
	Grade 2, $2,400 to $3,000; average, $2,700— Assistant chemist	2.5	2,667	2.5	2,667	2.8	2,598
	Grade 1, $1,860 to $2,400; average, $2,111.42— Junior sugar technologist			0.4	1,860	1	1,860
	Subprofessional service—						
	Grade 5, $1,680 to $2,040; average, $1,860— Scientific aid	1	1,740	1	1,740	1	1,740
	Grade 1, $900 to $1,260; average, $1,080— Minor scientific helper	1	1,080	1	1,080	1	1,080
	Clerical, administrative, and fiscal service—						
	Grade 6, $2,100 to $2,700; average, $2,400— Principal clerk	1	2,500	1	2,500	1	2,350
	Grade 5, $1,860 to $2,400; average, $2,111.42— Senior clerk	1.2	2,130	1.2	2,130	1	2,200
	Grade 3, $1,500 to $1,860; average, $1,680— Assistant stenographer	1	1,560	1	1,560		
	Grade 2, $1,320 to $1,680; average, $1,500— Junior clerk	1	1,380	1	1,380	1	1,333
	Custodial service—						
	Grade 3, $900 to $1,260; average, $1,080— Senior laborer	1	1,020	1	1,020	0.8	1,020
	Grade 2, $900 to $1,140; average, $1,020— Junior laborer					0.2	900
	Total average number of employees	13.3		13.7		11.5	
01	Total salaries, departmental service		31,191.00		31,935.00		25,524.72
	The difference between 1929 and 1928 is due to decrease in force, $740.						
	Supplies and materials:						
0200	Stationery and office supplies		320.00		200.00		368.58
0220	Scientific and educational supplies		500.00		300.00		1,300.62
0230	Fuel						17.60
0280	Sundry supplies		300.00				450.68
02	Total supplies and materials		1,120.00		560.00		2,137.48
	Communication service:						
0500	Telegraph service				25.00		49.40
0510	Telephone service				25.00		54.78
05	Total communication service				50.00		104.18
	Travel expenses:						
0615	Transportation		900.00		630.00		1,905.92
0616	Subsistence		950.00		700.00		2,916.74
06	Total travel expenses		1,850.00		1,330.00		4,822.66
07	Transportation of things (service)		163.00		159.00		350.40
08	Photographing and making photographs and prints		10.00		10.00		17.13
10	Furnishing of heat, light, and power						7.00
12	Repairs and alterations		450.00		450.00		486.41
13	Special and miscellaneous current expenses		100.00		100.00		209.29
	Equipment:						
3010	Furniture, furnishings, and fixtures						81.70
3020	Educational, scientific, and recreational equipment		350.00				1,226.86
3050	Other equipment						81.75
30	Total equipment		350.00				1,390.31
					34,534.00		35,049.58
	Unobligated balance						184.42
	Reserve				700.00		
	Total		35,234.00		35,234.00		35,234.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Salaries and Expenses, Bureau of Chemistry and Soils—Continued. For the investigation and development of methods of manufacturing insecticides and fungicides, and for investigating chemical problems relating to the composition, action, and application of insecticides and fungicides, [$34,800] (*U. S. C., pp. 56, 57, secs. 511, 512, 524; act Jan. 18, 1927, vol. 44, pp. 991, 992*)	$44,800.00	

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
Grade 4, $3,800 to $5,000; average, $4,400—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Chemist	1	$3,800	1	$3,800	0.7	$3,800
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate chemist	5	3,160	3	3,267	3.3	3,283
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant chemist	3	2,633	3	2,633	2.8	2,601
Grade 1, $1,860 to $2,400; average, $2,111.42—						
Junior chemist	1	1,860			0.9	2,246
Subprofessional service—						
Grade 7, $2,100 to $2,700; average, $2,400—						
Principal laboratory mechanic	1	2,200	1	2,200	1	2,200
Grade 1, $900 to $1,260; average, $1,080—						
Minor scientific helper	1	1,080	1	1,080	1.8	1,183
Clerical, administrative, and fiscal service—						
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk					0.1	1,980
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	1.7	1,560	1.2	1,560	0.3	1,530
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk					1.5	1,440
Custodial service—						
Grade 2, $900 to $1,140; average, $1,020—						
Office laborer	1	960	1	960	1	960
Office laborer (40 cents an hour)	1	367	1	367	1	367
Total average number of employees	15.7		12.2		14.4	
Total salaries, departmental service		36,618.00		27,979.00		31,368.63
The difference between 1929 and 1928 is due to increase in force, $8,639.						
Supplies and materials:						
0200 Stationery and office supplies		350.00		290.00		137.90
0220 Scientific and educational supplies		1,937.00		1,250.00		1,381.10
0230 Fuel		50.00		50.00		15.00
0280 Sundry supplies		400.00		300.00		191.60
02 Total supplies and materials		2,737.00		1,890.00		1,725.60
Communication service:						
0500 Telegraph service		15.00		10.00		9.50
0510 Telephone service		40.00		30.00		45.50
0520 Other communication service						.99
05 Total communication service		55.00		40.00		55.99
Travel expenses:						
0615 Transportation		1,100.00		1,050.00		320.17
0616 Subsistence		1,200.00		1,050.00		391.35
06 Total travel expenses		2,300.00		2,100.00		711.52
07 Transportation of things (service)		50.00		20.00		24.30
08 Photographing and making photographs and prints						1.54
10 Furnishing of heat, light, and power		100.00		100.00		6.00
12 Repairs and alterations		400.00		200.00		191.56
13 Special and miscellaneous current expenses		400.00		200.00		10.17
Equipment:						
3010 Furniture, furnishings, and fixtures		600.00		550.00		250.00
3020 Educational, scientific, and recreational equipment		1,190.00		771.00		2.30
3050 Other equipment		350.00		250.00		4.30
30 Total equipment		2,140.00		1,571.00		256.60
				34,100.00		34,351.91
Unobligated balance						1,028.09
Reserve				700.00		
Total		44,800.00		34,800.00		35,380.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Salaries and Expenses, Bureau of Chemistry and Soils—Continued.		
For the investigation and development of methods for the prevention of farm fires and of grain-dust, smut-dust, and other plant-dust explosions and resulting fires, including fires in cotton gins and cotton-oil mills, independently or in cooperation with individuals, associations, or corporations, [$42,743] (*U. S. C., pp. 56, 57, secs. 511, 512, 524; act Jan. 18, 1927, vol. 44, pp. 991, 992*)	$52,743.00	

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Departmental service:						
	Salaries—						
	Professional and scientific service—	*Average—*		*Average—*		*Average—*	
	Grade 5, $5,200 to $6,000; average, $5,600—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Senior engineer	1	$5,200	1	$5,200	0.3	$5,200
	Grade 4, $3,800 to $5,000; average, $4,400—						
	Engineer					0.7	3,867
	Grade 3, $3,000 to $3,600; average, $3,300—						
	Associate engineer	3	3,000	2	3,000	0.1	3,000
	Grade 2, $2,400 to $3,000; average, $2,700—						
	Assistant engineers	7	2,571	3	2,640	3.8	2,741
	Grade 1, $1,860 to $2,400; average, $2,111.42—						
	Junior chemical engineer	1	1,920	1	1,920	0.8	1,860
	Subprofessional service—						
	Grade 6, $1,860 to $2,400; average, $2,111.42—						
	Senior draftsman	1	2,100	1	2,100	1	2,004
	Grade 5, $1,680 to $2,040; average, $1,860—						
	Laboratory mechanic	1	1,860	1	1,860	1	1,860
	Clerical, administrative, and fiscal service—						
	Grade 4, $1,680 to $2,040; average, $1,860—						
	Clerk	1	1,740	1	1,740	1.1	1,757
	Grade 3, $1,500 to $1,860; average, $1,680—						
	Assistant clerk	1	1,500	1	1,500	0.2	1,680
	Assistant clerk (stenographer)					1.4	1,500
	Grade 2, $1,320 to $1,680; average, $1,500—						
	Junior clerk	1	1,500	1	1,500	1	1,500
	Custodial service—						
	Grade 4, $1,140 to $1,500; average, $1,320—						
	Under mechanic	1	1,320	1	1,320	1	1,320
	Grade 3, $900 to $1,260; average, $1,080—						
	Minor custodian-helper	1	1,260	1	1,260	1	1,260
	Grade 2, $900 to $1,140; average, $1,020—						
	Office laborer (40 cents an hour)	1	367	1	367	1	367
01	Total average number of employees	20		15		14.4	
	Total salaries, departmental service		45,767.00		32,687.00		29,202.65
	The difference between 1929 and 1928 is due to increase in force, $13,080.						
	Supplies and materials:						
0200	Stationery and office supplies		150.00		100.00		90.97
0220	Scientific and educational supplies		850.00		650.00		354.50
0230	Fuel						10.21
0280	Sundry supplies		300.00		200.00		53.19
02	Total supplies and materials		1,300.00		950.00		508.87
	Communication service:						
0500	Telegraph service		70.00		70.00		70.21
0510	Telephone service		200.00		200.00		245.85
0520	Other communication service		10.00		10.00		1.15
05	Total communication service		280.00		280.00		317.21
	Travel expenses:						
0615	Transportation		2,400.00		2,600.00		1,619.44
0616	Subsistence		1,500.00		1,800.00		837.12
06	Total travel expenses		3,900.00		4,400.00		2,456.56
07	Transportation of things (service)		200.00		200.00		202.10
08	Photographing and making photographs and prints		40.00		40.00		39.45
10	Furnishing of heat, light, and power						20.08
12	Repairs and alterations		150.00		100.00		67.14
13	Special and miscellaneous current expenses		200.00		350.00		221.42
	Equipment:						
3010	Furniture, furnishings and fixtures		250.00		200.00		64.26
3020	Educational, scientific and recreational equipment		526.00		2,176.00		7.50
3050	Other equipment		130.00		560.00		37.22
30	Total equipment		906.00		2,936.00		108.98
					41,943.00		33,144.46
	Unobligated balance						953.54
	Reserve				800.00		
	Total		52,743.00		42,743.00		34,098.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Salaries and Expenses, Bureau of Chemistry and Soils—Continued. For the investigation and demonstration of improved methods or processes of preparing naval stores, the weighing, handling, transportation, and the uses of same, in cooperation with individuals and companies, including the employment of necessary persons and means in the city of Washington and elsewhere, [$10,000] (*U. S. C., pp. 56, 57, secs. 511, 512, 524; act Jan. 18, 1927, vol. 44, pp. 991, 992*)	$15,000.00	

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Departmental service:			
Salaries—			
Professional and scientific service—	*Average—*	*Average—*	*Average—*
Grade 5, $5,200 to $6,000; average, $5,600—	*No.* *Salary*	*No.* *Salary*	*No.* *Salary*
Senior chemist	0.2 $5,400	0.2 $5,400	
Grade 1, $1,860 to $2,400; average, $2,111.42—			
Junior chemist	1 2,000	1 2,000	0.6 $1,920
Clerical, administrative, and fiscal service—			
Grade 3, $1,500 to $1,860; average, $1,680—			
Senior stenographer	0.3 1,500	0.3 1,500	0.2 1,500
Total average number of employees	1.5	1.5	0.8
Total salaries, departmental service	3,530.00	3,530.00	1,550.83
Field service:			
Salaries and wages—			
Salary range, $3,000 to $3,600; average, $3,300—			
Associate chemist	2 3,050	1 3,100	1 3,000
Salary range, $1,500 to $1,860; average, $1,680—			
Junior naval stores demonstrator	1 1,500	0.8 1,500	
Total average number of employees	3	1.8	1
Total salaries and wages, field service	7,600	4,300	3,000
The difference between 1929 and 1928 is due to increase in force, $3,306.			
01 Total personal services	11,130.00	7,830.00	4,550.83
Supplies and materials:			
0200 Stationery and supplies	200.00	200.00	67.10
0220 Scientific and educational supplies	475.00	375.00	153.89
0230 Fuel			6.81
0280 Sundry supplies	100.00		133.16
0285 Samples	50.00		8.03
02 Total supplies and materials	825.00	575.00	368.99
04 Subsistence and care of animals			3.88
Communication service:			
0500 Telegraph service	50.00	50.00	29.00
0510 Telephone service	20.00	20.00	16.63
0520 Other communciation service			.40
05 Total communication service	70.00	70.00	46.03
Travel expenses:			
0615 Transportation	1,250.00	500.00	1,064.28
0616 Subsistence	1,250.00	500.00	1,618.19
06 Total travel expenses	2,500.00	1,000.00	2,682.47
07 Transportation of things (service)	25.00	25.00	153.16
Printing and binding:			
0820 Stenographic work, typewriting, and duplicating work			2.06
0830 Photographing and making photographs and prints			2.46
08 Total printing and binding			4.52
10 Furnishing of heat, light, and power			3.30
12 Repairs and alterations	100.00	100.00	82.22
13 Special and miscellaneous current expenses	150.00	100.00	117.65
Equipment:			
3010 Furniture, furnishings and fixtures			374.16
3020 Educational, scientific, and recreational equipment	200.00	200.00	31.91
3050 Other equipment			69.01
30 Total equipment	200.00	200.00	475.08
		9,900.00	8,488.13
Unobligated balance			1,511.87
Reserve		100.00	
Total	15,000.00	10,000.00	10,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Salaries and Expenses, Bureau of Chemistry and Soils—Continued. For chemical investigations of soil types, soil composition, and soil minerals, the soil solution, solubility of soil and all chemical properties of soils in their relation to soil formation, soil texture, and soil productivity, including all routine chemical work in connection with the soil survey, [$26,720] (*U.S.C., pp. 56, 57, secs. 511, 512, 524; act Jan. 18, 1927, vol. 44, pp. 991, 992*)	$31,720.00	

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:							
Salaries—							
Professional and scientific service—		*Average—*		*Average—*		*Average—*	
Grade 4, $3,800 to $5,000; average, $4,400—		*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Chemist in charge		1	$3,800	1	$3,800	1	$3,800
Grade 3, $3,000 to $3,600; average, $3,300—							
Associate chemist		2	3,300	2	3,300	2.1	3,200
Associate petrographer		0.5	3,300	0.5	3,300	0.8	3,300
Grade 2, $2,400 to $3,000; average, $2,700—							
Assistant chemist		6	2,432	5	2,440	4.6	2,433
Subprofessional service—							
Grade 1, $900 to $1,260; average, $1,080—							
Minor scientific helper		1	1,080	1	1,080	0.9	1,080
Total average number of employees		10.5		9.5		9.4	
01 Total salaries, departmental service			27,730.00		25,330.00		24,863.80
The difference between 1929 and 1928 is due to increase in force, $2,400.							
Supplies and materials:							
0200 Stationery and office supplies							10.75
0220 Scientific and educational supplies			1,440.00		740.00		985.24
0280 Sundry supplies							7.04
02 Total supplies and materials			1,440.00		740.00		1,003.03
12 Repairs and alterations			350.00		350.00		373.03
Equipment:							
3010 Furniture, furnishings, and fixtures			75.00		50.00		75.59
3020 Educational, scientific and recreational equipment			2,125.00		125.00		105.13
30 Total equipment			2,200.00		175.00		180.72
					26,595.00		26,420.58
Unobligated balance							299.42
Reserve					125.00		
Total			31,720.00		26,720.00		26,720.00

For physical investigations of the important properties of soil which determine productivity, such as moisture relations, aerations, heat conductivity, texture, and other physical investigations of the various soil classes and soil types (*U. S. C., pp. 56–57, secs. 511, 512, 524; act Jan. 18, 1927. vol. 44, pp. 991, 992*) 17,225.00

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:							
Salaries—							
Professional and scientific service—		*Average—*		*Average—*		*Average—*	
Grade 5, $5,200 to $6,000; average, $5,600—		*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Scientist in charge		0.4	$6,000	0.4	$6,000		
Grade 4, $3,800 to $5,000; average, $4,400—							
Physicist						0.7	$3,800
Grade 3, $3,000 to $3,600; average, $3,300—							
Associate physicist		1	3,300	1	3,300	1	3,300
Grade 2, $2,400 to $3,000; average, $2,700—							
Assistant physicist		1	2,500	1	2,500	1	2,450
Subprofessional service—							
Grade 6, $1,860 to $2,400; average, $2,111.42—							
Senior mechanic		1	2,300	1	2,300	1	2,300
Grade 4, $1,500 to $1,860; average, $1,680—							
Assistant mechanic		1	1,680	1	1,680	1	1,680
Assistant scientific aid		1	1,500	1	1,500	1	1,500
Grade 2, $1,140 to $1,500; average, $1,320—							
Under scientific helper		2	1,200	2	1,200	2	1,200
Total average number of employees		7.4		7.4		7.7	
01 Total salaries, departmental service			16,080.00		16,080.00		16,163.18
Supplies and materials:							
0220 Scientific and educational supplies			50.00		50.00		50.46
0280 Sundry supplies			300.00		300.00		278.45
02 Total supplies and materials			350.00		350.00		328.91

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Bureau of Chemistry and Soils—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Travel expenses:			
0615 Transportation	$225.00	$125.00	$146.45
0616 Subsistence	125.00	100.00	63.00
06 Total travel expenses	350.00	225.00	209.45
12 Repairs and alterations	200.00	200.00	288.23
Equipment:			
3020 Educational, scientific, and recreational equipment	195.00	195.00	84.95
3050 Other equipment	50.00	50.00	16.38
30 Total equipment	245.00	245.00	101.33
Unobligated balance		17,100.00	17,091.10
			133.90
Reserve		125.00	
Total	17,225.00	17,225.00	17,225.00

For investigations within the United States of fertilizers and other soil amendments and their suitability for agricultural use, [$278,940] (*U. S. C., pp. 56, 57, secs. 511, 512, 524; Act Jan. 18, 1927, vol. 44, pp. 991, 992*) $290,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
FERTILIZER INVESTIGATIONS						
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 6, $6,000 to $7,500; average, $6,750—						
Director fixed nitrogen research					1	$6,000
Grade 5, $5,200 to $6,000; average, $5,600—						
Senior chemist in charge	1	$6,000	1	$6,000	0.3	6,000
Senior chemical engineer	0.7	5,200	0.5	5,200	1	5,200
Senior chemist	1	5,200	1	5,200		
Grade 4, $3,800 to $5,000; average, $4,400—						
Chemist	6.8	4,000	4.8	4,080	4.1	4,033
Physicist	1	4,600	1	4,600	0.9	4,000
Physical chemist	1	4,000	1	4,000	0.3	3,800
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate mechanical engineer	2	3,200	2	3,200	2	3,100
Associate chemist	10.8	3,158	10.8	3,158	10	3,179
Associate chemical engineer	2	3,400	2	3,400	1.2	3,400
Associate engineer	1	3,300	1	3,300	1	3,150
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant chemist	20	2,512	18.9	2,517	14.9	2,556
Assistant physicist	0.9	2,400	0.9	2,400		
Assistant chemical engineer	2	2,400	2	2,400	1.9	2,400
Grade 1, $1,860 to $2,400; average, $2,111.42—						
Junior chemical engineer	1	2,300	1	2,300	1	2,300
Junior chemist	7	2,060	7	2,060	6.1	2,074
Junior engineer	1	1,860	1	1,860		
Subprofessional service—						
Grade 7, $2,100 to $2,700; average, $2,400—						
Principal mechanic	1	2,500	1	2,500	1	2,450
Glass blower	1	2,400	1	2,400	1	2,400
Principal instrument maker	1	2,300	1	2,300	1	2,300
Grade 6, $1,860 to $2,400; average, $2,111.42—						
Senior mechanic	9	2,311	9	2,311	8.5	2,311
Laboratory mechanic	1	1,860	1	1,860	1	1,860
Grade 5, $1,680 to $2,040; average, $1,860—						
Scientific aid	1	1,800	1	1,800	0.5	1,680
Grade 4, $1,500 to $1,860; average, $1,680—						
Assistant draftsman	1	1,740	1	1,740	1	1,680
Assistant scientific aid	1	1,500	1	1,500	1	1,530
Assistant mechanic	1	1,620	1	1,620	1	1,500
Grade 3, $1,320 to $1,680; average, $1,500—						
Junior mechanic	2	1,560	2	1,560	2	1,560
Grade 2, $1,140 to $1,500; average, $1,320—						
Undermechanic	1	1,500	1	1,500	1	1,500
Grade 1, $900 to $1,260; average, $1,080—						
Minor scientific helper	1	1,080	1	1,080	1.5	1,140
Minor laboratory apprentice	1	900	1	900		
Clerical, administrative, and fiscal service—						
Grade 9, $3,000 to $3,600; average, $3,300—						
Senior administrative assistant					0.2	3,500
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant	1	2,500	1	2,500	1.4	2,600
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	1	2,100	1	2,100	1.8	2,250
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	2	1,710	2	1,710	2.9	1,668

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Salaries and Expenses, Bureau of Chemistry and Soils—Continued					
FERTILIZER INVESTIGATIONS—continued					
Departmental service—Continued.					
Salaries—Continued.					
Clerical, administrative, and fiscal service—Con.	*Average—*	*Average—*	*Average—*		
Grade 2, $1,320 to $1,680; average, $1,500—	*No.* *Salary*	*No.* *Salary*	*No.* *Salary*		
Junior clerk	1 $1,380	1 $1,380	1 $1,380		
Grade 1, $1,140 to $1,500; average, $1,320—					
Underclerk	1 1,200	1 1,200	1 1,200		
Under telegraph operator			0.1 1,140		
Custodial service—					
Grade 10, $2,400 to $3,000; average, $2,700—					
Chief mechanic			0.5 2,800		
Grade 4, $1,140 to $1,500; average, $1,320—					
Assistant foreman of laborers	1 1,500	1 1,500	1 1,500		
Undermechanic	1 1,380	1 1,380	1.5 1,320		
Senior guard (watchman)	1 1,260	1 1,260	0.1 1,260		
Grade 3, $900 to $1,260; average, $1,080—					
Minor mechanic (chauffeur)			0.9 1,260		
Guard (watchman)	3 1,260	3 1,260	3.6 1,260		
Minor mechanic (fireman)	1 1,260	1 1,260	1 1,260		
Senior laborer	1 1,260	1 1,260	1 1,260		
Grade 2, $780 to $1,140; average, $960—					
Junior laborer	4 1,065	4 1,065	4 1,065		
Total average number of employees	99.2	95.9	88.2		
Total salaries, departmental service	245,457.00	234,121.00	211,432.58		
The difference between 1929 and 1928 is due to increase in force, $11,336.					
Field service:					
Salaries and wages—					
Temporary employees, at $500 to $1,000 per year	4 3,500.00	3 2,900.00	3 2,640.00		
The difference between 1929 and 1928 is due to increase in force, $600.					
01 Total personal services	248,957.00	237,021.00	214,072.75		
Supplies and materials:					
0200 Stationery and office supplies	450.00	300.00	136.67		
0220 Scientific and educational supplies	3,618.00	4,119.00	2,508.45		
0230 Fuel	2,000.00	1,300.00	252.91		
0280 Sundry supplies	3,800.00	3,600.00	1,965.39		
0290 Materials	1,500.00	1,500.00	33.46		
02 Total supplies and materials	11,368.00	10,819.00	4,896.88		
Communication service:					
0500 Telegraph service	50.00	50.00	17.53		
0510 Telephone service	1,110.00	1,000.00	431.69		
05 Total communication service	1,160.00	1,050.00	449.22		
Travel expenses:					
0615 Transportation	1,337.00	1,000.00	733.08		
0616 Subsistence	1,300.00	1,000.00	549.78		
06 Total travel expenses	2,637.00	2,000.00	1,282.86		
07 Transportation of things (service)	500.00	250.00	295.88		
08 Photographing and making photographs and prints	50.00	50.00	16.46		
10 Furnishing of heat, light and power	10,351.00	10,000.00	4,600.36		
12 Repairs and alterations	1,977.00	1,600.00	1,429.65		
13 Special and miscellaneous current expenses	1,050.00	950.00	618.10		
Equipment:					
3010 Furniture, furnishings, and fixtures	950.00	750.00	616.36		
3020 Educational, scientific, and recreational equipment	10,250.00	8,100.00	8,199.15		
3050 Other equipment	750.00	750.00	418.54		
30 Total equipment	11,950.00	9,600.00	9,234.05		
32 Structures and parts			3,323.92		
Unobligated balance		273,340.00	240,220.13		
Reserve			1,684.87		
		5,600.00			
Total	290,000.00	278,940.00	241,905.00		
NITRATE PLANTS					
Field service:					
Salaries and wages—					
Temporary employees, at $500 to $1,000 per year		1 783.15	1 823.72		
01 Total personal services		783.15	823.72		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Bureau of Chemistry and Soils—Continued

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Supplies amd materials:			
0200	Stationery and office supplies		$250.00	$290.95
0220	Scientific and educational supplies		2,500.00	2,436.19
0230	Fuel		1,500.00	1,637.82
0280	Sundry supplies		2,500.00	2,373.63
0290	Materials		850.00	1,003.02
02	Total supplies and materials		7,600.00	7,741.61
	Communication service:			
0500	Telegraph service			5.95
0510	Telephone service		500.00	555.87
05	Total communication service		500.00	561.82
	Travel expenses:			
0615	Transportation			1,153.31
0616	Subsistence			1,434.45
06	Total travel expenses			2,587.76
07	Transportation of things (service)		250.00	127.21
	Printing and binding:			
0800	Printing and binding		250.00	153.22
0830	Photographing and making photographs and prints		50.00	16.97
08	Total printing and binding		300.00	170.19
10	Furnishing of heat, light, and power		6,000.00	5,914.73
12	Repairs and alterations		750.00	665.73
13	Special and miscellaneous current expenses		650.00	538.90
	Equipment:			
3010	Furniture, furnishings, and fixtures		250.00	352.00
3020	Educational, scientific, and recreational equipment		2,500.00	2,124.50
3050	Other equipment		350.00	308.68
30	Total equipment		3,100.00	2,785.18
			19,933.15	21,916.85
	Unobligated balance			21,133.15
	Reserve		1,200.00	
	Total		21,133.15	43,050.00

For the investigation of soils, in cooperation with other branches of the Department of Agriculture, other departments of the Government, State agricultural experiment stations, and other State institutions, and for indicating upon maps and plats, by coloring or otherwise, the results of such investigations, [$237,515] (*U. S. C., pp. 56, 57, secs. 511, 512, 524; act Jan. 18, 1927, vol. 44, pp. 991, 992*)..... $253,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
Grade 5, $5,200 to $6,000; average, $5,600—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Scientist in charge	0.3	$6,000	0.3	$6,000		
Senior soil scientist	1	5,400	0.9	5,400	0.9	$5,200
Grade 4, $3,800 to $5,000; average, $4,400—						
Soil scientist	4	3,800	4	3,800	4	3,800
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate soil petrographer			0.5	3,300	0.3	3,300
Associate cartographer	2	3,000	2	3,000	2	3,000
Associate soil technologist	2	3,000	2	3,150	2	3,000
Associate soil scientist	3	3,000	2.6	3,000	3.2	3,000
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant soil surveyor	19	2,485	19.1	2,485	18.8	2,432
Assistant chemist	1	2,400			0.6	2,400
Grade 1, $1,860 to $2,400; average, $2,111.42—						
Junior soil surveyor	18.8	1,892	17.8	1,892	15.2	1,885
Subprofessional service—						
Grade 8, $2,400 to $3,000; average, $2,700—						
Chief draftsman	1	2,500	1	2,500	1	2,450
Grade 5, $1,680 to $2,040; average, $1,860—						
Draftsman	3	1,760	3	1,760	2.9	1,760
Grade 4, $1,500 to $1,860; average, $1,680—						
Assistant scientific aid	4	1,500	4.1	1,500	1.8	1,500
Assistant draftsman	4	1,500				
Grade 3, $1,320 to $1,680; average, $1,500—						
Junior draftsman	14	1,380	13	1,380	9.5	1,407

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), data of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Bureau of Chemistry and Soils—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service—Continued.						
Salaries—Continued.						
Clerical, administrative, and fiscal service—	*Average—*		*Average—*		*Average—*	
Grade 7, $2,400 to $3,000; average, $2,700—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Junior administrative assistant	1	$2,700	1	$2,700	1	$2,700
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk			0.3	1,860	1.6	1,860
Senior photographer	1	1,860	1	1,860	1	1,860
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	1	1,920	1	1,920	1	1,890
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	2	1,620	2	1,620	2	1,620
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	1	1,320	1	1,320	0.7	1,500
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	1	1,440	1	1,440	2.4	1,340
Custodial service—						
Grade 2, $780 to $1,140; average, $960—						
Office laborer	1	900	1	900	1	900
Grade 1, $600 to $780; average, $690—						
Junior messenger	1	720	1	720	1	720
Total average number of employees	86.1		79.6		73.9	
Total salaries, departmental service		181,891.00		171,279.00		167,305.91
The difference between 1929 and 1928 is due to increase in force, $10,612.						
Field service:						
Salaries and wages—						
Salary range, $3,800 to $5,000; average, $4,400—						
Soil scientist	2	3,900	1	3,800	1	3,800
Salary range, $1,860 to $2,400; average, $2,111.42—						
Assistant soil surveyor (part salary)	1	1,440	1	1,440	1	1,440
Total average number of employees	3		2		2	
Total salaries and wages, field service		9,240		6,240		6,240
The difference between 1929 and 1928 is due to increase in force, $4,000.						
01 Total personal services		188,731.00		176,519.00		172,545.91
Supplies and materials:						
0200 Stationery and office supplies		750.00		750.00		1,073.43
0220 Scientific and educational supplies		300.00		300.00		437.68
0280 Sundry supplies						17.10
02 Total supplies and materials		1,050.00		1,050.00		1,528.21
05 Communication service				25.00		29.05
Travel expenses:						
0615 Transportation		25,740.00		24,336.00		25,399.95
0616 Subsistence		31,300.00		28,935.00		32,250.86
06 Total travel expenses		57,040.00		53,271.00		57,650.81
07 Transportation on things (service)		250.00		200.00		247.52
08 Photographing and making photographs and prints						91.48
12 Repairs and alterations		500.00		500.00		641.08
13 Special and miscellaneous current expenses						81.32
Equipment:						
3010 Furniture, furnishings, and fixtures		500.00		250.00		486.66
3020 Educational, scientific, and recreational equipment		729.00		700.00		1,540.66
3050 Other equipment		1,800.00				4,370.31
30 Total equipment		3,029.00		950.00		6,397.63
				232,515.00		230,213.01
Unobligated balance						15,376.99
Reserve				5,000.00		
Total		253,000.00		237,515.00		254,590.00

For soil-bacteriology investigations, including the testing of samples procured in the open market, of cultures for inoculating legumes, and if any such samples are found to be impure, nonviable, or misbranded, the results of the tests may be published, together with the names of the manufacturers and of the persons by whom the cultures were offered for sale (*U. S. C., pp. 56, 57, secs. 511, 512, 524; act Jan. 18, 1927, vol. 44, pp. 991, 992*)---------- $40,840.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Bureau of Chemistry and Soils—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 5, $5,200 to $6,000; average, $5,600—						
Senior mycologist in charge	1	$5,200	1	$5,200		
Grade 4, $3,800 to $5,000; average, $4,400—						
Bacteriologist	1	3,800	1	3,800	0.3	$3,800
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate bacteriologist					1.5	3,550
Associate physiologist	2	3,400	2	3,400	2	3,350
Associate chemist	1	3,000	1	3,000		
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant biochemist					1	2,450
Assistant scientist	1	2,400				
Grade 1, $1,860 to $2,400; average, $2,111.42—						
Junior bacteriologist	1	2,300	1	2,300	1	2,300
Subprofessional service—						
Grade 4, $1,500 to $1,860; average, $1,680—						
Assistant scientific aid	1	1,560	1	1,560	0.2	1,500
Grade 2, $1,140 to $1,500; average, $1,320—						
Underscientific helper	1	1,440	1	1,440	1	1,380
Grade 1, $900 to $1,260; average, $1,080—						
Minor scientific helper	2	990	2	990	3.1	978
Clerical, administrative, and fiscal service—						
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk					0.8	1,500
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	1	1,560	1	1,560	1	1,500
Custodial service—						
Grade 2, $780 to $1,140; average, $960—						
Laborer	2	900	2	900	0.4	900
Total average number of employees	14		13		12.3	
Total salaries, departmental service		31,840.00		29,440.00		25,892.81
The difference between 1929 and 1928 is due to increase in force, $2,400.						
Field service:						
Salaries and wages—						
Temporary employees, at $500 to $1,000 per year	2		2		2	
Total salaries and wages, temporary employees		1,300.00		1,300.00		1,228.56
01 Total personal services		33,140.00		30,740.00		27,121.37
Supplies and materials:						
0200 Stationery and office supplies		1,500.00		1,500.00		1,700.63
0220 Scientific and educational supplies		2,360.00		2,860.00		4,348.05
0280 Sundry supplies		500.00		500.00		426.23
0290 Materials						.55
02 Total supplies and materials		4,360.00		4,860.00		6,475.46
Communication service:						
0500 Telegraph service		20.00		20.00		1.75
0510 Telephone service		75.00		75.00		57.44
0520 Other communication service		10.00		10.00		1.85
05 Total communication service		105.00		105.00		61.04
Travel expenses:						
0615 Transportation		710.00		900.00		620.59
0616 Subsistence		650.00		850.00		619.14
06 Total travel expenses		1,360.00		1,750.00		1,239.73
07 Transportation of things (service)		100.00		100.00		204.62
Printing and binding:						
0820 Stenographic work, typewriting, and duplicating work		100.00		100.00		12.04
0830 Photographing and making photographs and prints		25.00		25.00		.56
08 Total printing and binding		125.00		125.00		12.60
10 Furnishing of heat, light, and power		100.00		100.00		87.33
12 Repairs and alterations		200.00		200.00		165.22
13 Special and miscellaneous current expenses		700.00		700.00		1,551.84
Equipment:						
3000 Passenger-carrying vehicles						250.00
3010 Furniture, furnishings, and fixtures		100.00		100.00		249.05
3020 Educational, scientific, and recreational equipment		500.00		1,000.00		2,038.55
3050 Other equipment		50.00		50.00		40.40
30 Total equipment		650.00		1,150.00		2,578.00
				39,830.00		39,497.21
Unobligated balance						1,342.79
Reserve				1,010.00		
Total		40,840.00		40,840.00		40,840.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Salaries and Expenses, Bureau of Chemistry and Soils—Continued.		
For soil-fertility investigations into organic causes of infertility and remedial measures, maintenance of productivity, properties and composition of soil humus, and the transformation and formation of soil humus by soil organisms, [$71,200] *(U. S. C., pp. 56, 57, secs. 511, 512, 524; act Jan. 18, 1927, vol. 44, pp. 991, 992)*	$78,200.00	

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 5, $5,200 to $6,000; average, $5,600—						
Senior biochemist in charge	1	$5,400	1	$5,400	1	$5,400
Grade 4, $3,800 to $5,000; average, $4,400—						
Biochemist	4	4,000	3	4,050	3	4,000
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate biochemist	2	3,200	2	3,200	2	3,150
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant biochemist	5	2,720	5	2,720	5	2,660
Subprofessional service—						
Grade 3, $1,320 to $1,680; average, $1,500—						
Junior scientific aid	1	1,320	1	1,320	1	1,320
Clerical, administrative, and fiscal service—						
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk-stenographer	1	1,680	1	1,680	1	1,680
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	1	1,500	1	1,500	1	1,500
Custodial service—						
Grade 3, $900 to $1,260; average, $1,080—						
Laborer	1	1,020	1	1,020	1	1,020
Grade 2, $780 to $1,140; average, $960—						
Junior laborer (40 cents an hour)	1	367	1	367		
Total average number of employees	17		16		15	
Total salaries, departmental service		47,287		43,437		42,620
The difference between 1929 and 1928 is due to increase in force, $3,850.						
Field service:						
Salaries and wages—						
Salary range, $1,680 to $2,040; average, $1,860—						
Scientific aid	3	1,890	2	1,890	1	1,860
Per diem and other unclassified employees (agent)	1	300	1	300	0.2	390
Temporary employees at salaries ranging from $500 to $1,000 per year	4		4		4	
Total salaries and wages, temporary employees		3,508		3,168		3,459
Total average number of employees	8		7		5.2	
Total salaries and wages, field service		9,478.00		7,248.00		5,708.74
The difference between 1929 and 1928 is due to increase in force, $2,230.						
01 Total personal services		56,765.00		50,685.00		48,228.74
Supplies and materials:						
0200 Stationery and office supplies		425.00		225.00		221.71
0220 Scientific and educational supplies		4,900.00		4,900.00		4,347.10
0230 Fuel						1.58
0280 Sundry supplies		375.00		165.00		85.34
0290 Materials		50.00		50.00		42.29
02 Total supplies and materials		5,750.00		5,340.00		4,698.02
Communication service:						
0500 Telegraph service		80.00		80.00		75.39
0510 Telephone service		100.00		100.00		92.18
05 Total communication service		180.00		180.00		167.57
Travel expenses:						
0615 Transportation		5,400.00		5,300.00		3,887.25
0616 Subsistence		2,600.00		2,600.00		1,834.18
06 Total travel expenses		8,000.00		7,900.00		5,721.43
07 Transportation of things (service)		2,250.00		2,000.00		1,399.56
08 Photographing and making photographs and prints		100.00		100.00		54.62
10 Furnishing of heat, light, and power		225.00		225.00		205.70
12 Repairs and alterations		280.00		150.00		137.48
13 Special and miscellaneous current expenses		1,700.00		1,400.00		1,397.04
Equipment:						
3000 Passenger-carrying vehicles						200.00
3010 Furniture, furnishings, and fixtures		870.00		750.00		740.96
3020 Educational, scientific, and recreational equipment		1,280.00		750.00		143.87
3050 Other equipment		820.00		120.00		134.75
30 Total equipment		2,970.00		1,620.00		1,219.58
32 Structures and parts		200.00		200.00		1,248.38
				69,800.00		64,478.12
Unobligated balance						1,721.88
Reserve				1,400.00		
Total		78,200.00		71,200.00		66,200.00

Total, Bureau of Chemistry and Soils, [$1,115,005] *$1,244,963*, of which amount not to exceed [$879,294] *$966,000* may be expended for personal services in the District of Columbia	$1,244,963.00	$1,115,005.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

BUREAU OF ENTOMOLOGY

[For the promotion of economic entomology; for investigating the history and the habits of insects injurious and beneficial to agriculture, horticulture, arboriculture, and the study of insects affecting the health of man and domestic animals, and ascertaining the best means of destroying those found to be injurious; for collating, digesting, reporting, and illustrating the results of such investigations; for salaries and the employment of labor in the city of Washington and elsewhere, rent outside of the District of Columbia, and including not to exceed $3,000 for the erection of insectaries and other buildings: *Provided*, That the cost of any such building erected shall not exceed $1,500; for freight, express charges, official traveling expenses, office fixtures, supplies, apparatus, telegraph and telephone service, gas, and electric current, in connection with the following investigations:]

[For necessary expenses for general administrative purposes, including the salary of chief of bureau and other personal services in the District of Columbia, $100,338.]

[For investigations of insects affecting deciduous fruits, orchards, vineyards, and nuts, $130,980.]

[For investigations of insects affecting cereal and forage crops, including a special investigation of the Hessian fly, grasshopper, alfalfa weevil, and the chinch bug, $207,300.]

[For investigations of insects affecting southern field crops, including insects affecting cotton, tobacco, rice, sugar cane, and so forth, and the cigarette beetle and Argentine ant, $292,340.]

[For investigations of insects affecting forests, $79,570: *Provided*, That $15,000 shall be used for preventing and combating infestations of insects injurious to forest trees on and near the national forests, independently or in cooperation with other branches of the Federal Government, with States, counties, municipalities, or with private owners.]

[For investigations of insects affecting truck crops, including insects and wireworms affecting the potato, sugar beet, cabbage, onion, tomato, beans, peas, and so forth, and insects affecting stored products, $196,480.]

[For investigations and demonstrations in bee culture, $42,380.]

[For investigations of insects affecting citrus and other tropical and subtropical plants, and for investigations and control of the Mediterranean and other fruit flies, in cooperation with the Federal Horticultural Board, $77,400.]

[For investigations, identification, and systematic classification of miscellaneous insects, including the study of insects affecting the health of man and domestic animals, household insects, and the importation and exchange of useful insects, $98,857.]

[In all, salaries and general expenses, $1,225,645.]

[*Preventing Spread of Moths, Bureau of Entomology*—]

[To enable the Secretary of Agriculture to meet the emergency caused by the continued spread of the gypsy and brown-tail moths by conducting such experiments as may be necessary to determine the best methods of controlling these insects; by introducing and establishing the parasites and natural enemies of these insects and colonizing them within the infested territory; by establishing and maintaining a quarantine against further spread in such a manner as is provided by the general nursery stock law, approved August 20, 1912, as amended, entitled "An act to regulate the importation of nursery stock and other plants and plant products, to enable the Secretary of Agriculture to establish and maintain quarantine districts for plant diseases and insect pests, to permit and regulate the movements of fruits, plants, and vegetables therefrom, and for other purposes," in cooperation with the authorities of the different States concerned and with the several State experiment stations, including rent outside of the District of Columbia, the employment of labor in the city of Washington and elsewhere, and all other necessary expenses, $670,000.]

[*Prevention of Spread of European Corn Borer*—]

[To enable the Secretary of Agriculture to meet the emergency caused by the spread of the European corn borer, and to provide means for the investigation, control, and prevention of spread of this insect throughout the United States, in cooperation with the States concerned, including, when necessary, cooperation with the Federal Horticultural Board in establishing, maintaining, and enforcing quarantines promulgated under the plant quarantine act of August 20, 1912, as amended, including the employment of persons and means in the city of Washington and elsewhere, and all other necessary expenses, $685,120, of which amount $50,000 shall be immediately available: *Provided*, That in the discretion of the Secretary of Agriculture $300,000 of this amount shall be available for expenditure only when an equal amount shall have been appropriated, subscribed, or contributed by States, counties, or local authorities, or by individuals or organizations, for the accomplishment of such purposes.]

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

[*Preventing Spread of the Mexican Bean Beetle*—]

[To enable the Secretary of Agriculture to meet the emergency caused by the recent introduction and rapid multiplication of the Mexican bean beetle in the State of Alabama and other States, and to provide means for the study, experimentation in eradication, and for the control and prevention of the spread of this insect in that State and to other States, in cooperation with the State of Alabama and other States concerned and with individuals affected, including the employment of persons and means in the city of Washington and elsewhere, and all other necessary expenses, $32,500.]

[*Preventing Spread of Japanese and Asiatic Beetles*—]

[To enable the Secretary of Agriculture to meet the emergency caused by the spread of the Japanese and Asiatic beetles, and to provide means for the investigation, control, and prevention of spread of these insects throughout the United States, in cooperation with the States concerned, including, when necessary, cooperation with the Federal Horticultural Board in establishing, maintaining, and enforcing quarantines promulgated under the plant quarantine act of August 20, 1912, as amended, including the employment of persons and means in the city of Washington and elsewhere, and all other neeessary expenses, $465,000, of which amount $50,000 shall be immediately available.]

[Total, Bureau of Entomology, $3,078,265, of which amount not to exceed $325,000 may be expended for personal services in the District of Columbia.]

BUREAU OF ENTOMOLOGY

NOTE.—In connection with the proposed establishment in the Department of Agriculture of a unit to be known as the Plant Quarantine and Control Administration, it is intended to convert the present Bureau of Entomology into a unit confined to research work. To the new Plant Quarantine and Control Administration will be transferred that portion of the work under the appropriations of the Bureau of Entomology dealing with the control and prevention of spread of insects and the maintenance and enforcement of quarantine on insect pests. That portion of the work having to do with research on insects and insect pests will be retained in the Bureau of Entomology and will include the research under the appropriations "Suppressing spread of pink bollworm of cotton" and "Eradication of the parlatoria date scale" heretofore provided for under the Federal Horticultural Board. To bring about these changes made necessary a complete redraft of the appropriation act for the Bureau of Entomology. The changes made give a more accurate picture of the activities and coordinate the work so as to render more efficient service to agriculture. In the new language an effort has been made to place all of the authority in the preamble, leaving the items to express the work to be done and the amount of money to be expended. The new arrangement provides for 11 items and the language indicates where the researches heretofore conducted by the "Federal Horticultural Board" and the researches conducted under appropriations "Preventing spread of moths," "Preventing spread of Japanese and Asiatic beetles," and "Prevention of spread of European corn borer" are assigned. The new language also provides for four different titles for subappropriations, namely, "cotton insects," "insects affecting man and animals," "stored product insects," and "taxonomy and interrelations of insects." The investigations conducted under these items have been included under three subappropriations and it is proposed to discontinue the use of the subappropriation designations "Southern field crop insects" and "Miscellaneous insects" and the appropriation designation "Preventing spread of Mexican bean beetle." These changes in themselves do not involve any increase of funds.

Salaries and Expenses, Bureau of Entomology—

For necessary expenses connected with the investigations, experiments, and demonstrations in reference to the items hereinafter enumerated for the promotion of economic entomology, independently or in cooperation with other branches of the Federal Government, States, counties, and municipalities, organizations and individuals concerned, including the employment of necessary persons and means in the city of Washington and elsewhere, rent outside of the District of Columbia, and not to exceed $3,000 for the erection of insectaries and other buildings: Provided, That the cost of any such building shall not exceed $1,500, as follows (U. S. C., 56, secs. 511, 512; pp. 98–101, secs. 141–167; act Jan. 18, 1927, vol. 44, pp. 992, 994, 1001–1002):

For general administrative purposes, including the salary of chief of bureau and other personal services in the District of Columbia (U. S. C. p. 56, secs. 511, 512; pp. 98–101, secs. 141–167; act Jan. 18, 1927, vol. 44, pp. 992–994, 1001, 1002) $81,458.00

	Estimated expenditures, 1929 appropriations		Estimated expenditures, 1928 appropriations		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service:	*Average*—		*Average*—		*Average*—	
Grade 6, $6,000 to $7,500; average, $6,750—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Chief of bureau	1	$6,500	1	$6,500	1	$6,500
Grade 4, $3,800 to $5,000; average, $4,400—						
Entomologist			1	4,000	1	4,000
Grade 3, $3,000 to $3,600; average, $3,300—						
Assistant entomologist	1	3,600	1	3,600	1	3,600
Associate librarian	1	3,000	1	3,000	1	3,000
Grade 1, $1,860 to $2,400; average, $2,111.42—						
Junior librarian	1	1,920	1	1,920	1	1,920

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Bureau of Entomology—Continued.

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
		Average—		*Average—*		*Average—*	
		No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Departmental service—Continued.						
	Salaries—Continued.						
	Subprofessional service—						
	Grade 8, $2,400 to $3,000; average, $2,700—						
	Chief scientific illustrator	1	$2,400	1	$2,400	1	$2,400
	Grade 5, $1,680 to $2,040; average, $1,860—						
	Library assistant	1	1,680	1	1,680	0.7	1,680
	Scientific aid	1	2,040	1	2,040	1	2,040
	Clerical administrative, and fiscal service—						
	Grade 9, $3,000 to $3,600; average $3,300—						
	Senior administrative assistant	1	3,500	1	3,500	1	3,500
	Grade 8, $2,700 to $3,300; average, $3,000—						
	Administrative assistant	1	3,000	1	3,000	1	3,000
	Grade 7, $2,400 to $3,000; average, $2,700—						
	Assistant editor	1	2,400	1	2,400	0.9	2,400
	Grade 6, $2,100 to $2,700; average, $2,400—						
	Principal photographer	1	2,600	1	2,600	1	2,600
	Principal clerk	5	2,460	6	2,400	6	2,366
	Grade 5, $1,860 to $2,400; average, $2,111.42—						
	Senior clerk	1	1,860				
	Grade 4, $1,680 to $2,040; average, $1,860—						
	Clerk-stenographer	3	2,040	3	2,040	3	2,040
	Clerk	1	2,040	3	1,980	3	1,980
	Grade 3, $1,500 to $1,860; average, $1,680—						
	Assistant clerk	4	1,770	5	1,770	6	1,760
	Assistant clerk-stenographer			5	1,684	3	1,560
	Senior operator	2	1,530	2	1,530	1.3	1,530
	Grade 2, $1,320 to $1,680; average, $1,500—						
	Junior clerk	2	1,590	2	1,590	2.6	1,600
	Junior clerk-stenographer					0.5	1,320
	Grade 1, $1,140 to $1,500; average, $1,320—						
	Underclerk-typist	2	1,440	2	1,440	1.9	1,440
	Custodial service—						
	Grade 4, $1,140 to $1,500; average, $1,320—						
	Head messenger	1	1,440	1	1,440	1	1,380
	Grade 3, $1,020 to $1,260; average, $1,140—						
	Messenger			1	1,080	1	1,080
	Senior laborer	1	1,200	1	1,200	1	1,200
	Grade 2, $900 to $1,140; average, $1,020—						
	Junior laborer	3	960	3	960	3	960
	Grade 1, $600 to $780; average, $690—						
	Junior messenger	3	600	3	600	2.2	600
	Total average number of employees	39		49		47.1	
01	Total salaries, departmental service		78,480.00		97,420.00		94,369.77
	The difference between 1929 and 1928 is due to—						
	Decrease in force (transfer to plant quarantine control administration) $18,880						
	Decrease in salaries 60						
	Total decrease 18,940						
	Supplies and materials:						
0200	Stationery and office supplies		680.00		620.00		973.79
0220	Scientific and educational supplies		190.00		190.00		199.57
0280	Sundry supplies		430.00		430.00		460.31
02	Total supplies and materials		1,300.00		1,240.00		1,633.67
	Communication service:						
0500	Telegraph service		10.00		10.00		6.64
0510	Telephone service		138.00		138.00		115.07
0520	Other communication service		100.00		100.00		100.60
05	Total communication service		248.00		248.00		222.31
	Travel expenses:						
0615	Transportation		300.00		300.00		360.21
0616	Subsistence		175.00		175.00		256.40
06	Total travel expenses		475.00		475.00		616.61
07	Transportation of things		100.00		100.00		118.94
08	Printing and binding		50.00		50.00		30.74
10	Furnishing of heat, light, power, water, and electricity		10.00		10.00		13.72
12	Repairs and alterations		100.00		100.00		59.03
13	Special and miscellaneous current expenses		5.00		5.00		3.20
	Equipment.						
3010	Furniture, furnishings, and fixtures		590.00		590.00		1,072.39
3020	Educational, scientific, and recreational equipment						103.36
3050	Other equipment		100.00		100.00		
30	Total equipment		690.00		690.00		1,175.75
					100,338.00		98,243.74
	Unobligated balance						2,094.26
	Total		81,458.00		100,338.00		100,338.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Salaries and Expenses, Bureau of Entomology—Continued.		
For insects affecting deciduous fruits, grapes and nuts, and including research on the Japanese and Asiatic beetles (U. S. C., p. 56, secs. 511, 512; pp. 98–101, secs. 141–167; act Jan. 18, 1927, vol. 44, pp. 992–994, 1001, 1002)	$309,500.00	

	Estimated expenditures, 1929 appropriations		Estimated expenditures, 1928 appropriations		Expended and obligated, 1927	
	Average—		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Departmental service:						
Salaries—						
Professional and scientific service—						
Grade 5, $5,200 to $6,000; average, $5,600—						
Senior entomologist	1	$6,000	1	$6,000	1	$6,000
Grade 4, $3,800 to $5,000; average, $4,400—						
Entomologist	3	3,933	2	4,000	1.8	3,950
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate entomologist	3	3,000	2	3,000	1.1	3,000
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant entomologist	1	2,400	1	2,400	0.2	2,400
Assistant in bibliographic entomology	1	2,400	1	2,400	1	2,400
Grade 1, $1,860 to $2,400; average, $2,111.42—						
Junior entomologist	1	1,860	1	1,860	1.8	1,906
Subprofessional service—						
Grade 4, $1,500 to $1,860; average, $1,680—						
Assistant scientific illustrator					1	1,740
Grade 3, $1,320 to $1,680; average, $1,500—						
Junior scientific aid	1	1,440	1	1,440	1	1,440
Clerical, administrative, and fiscal service—						
Grade 8, $2,700 to $3,300; average, $3,000—						
Administrative assistant	1	3,000	1	3,000	1	3,000
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk-stenographer	2	1,770	1	1,860	1	1,860
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk-stenographer	1	1,740	1	1,740	1	1,740
Total average number of employees	15		12		11.9	
Total salaries, departmental service		43,180.00		34,700.00		32,203.03
The difference between 1929 and 1928 is due to increase in force, $8,480.						
Field service:						
Salaries and wages—						
Salary range, $5,200 to $6,000; average, $5,600—						
Senior entomologist	1	5,200	1	5,200		
Salary range, $3,800 to $5,000; average, $4,400—						
Entomologist	6	4,066	6	4,066	5	4,200
Salary range, $3,000 to $3,600; average, $3,300—						
Associate entomologist	17	3,182	17	3,182	14	3,136
Salary range $2,400 to $3,000; average, $2,700—						
Assistant entomologist	13	2,510	12	2,573	10.3	2,490
Junior administrative assistant	1	2,400	1	2,400	1	2,460
Salary range, $1,860 to $2,400; average, $2,111.42—						
Junior entomologist	13	1,946	13	1,946	5	1,965
Agent	1	1,860	1	1,860		
Salary range, $1,680 to $2,040; average, $1,860—						
Clerk-stenographer	1	1,980	1	1,980	1	1,980
Clerk	2	1,860	2	1,860	1.2	1,820
Salary range, $1,500 to $1,860; average, $1,680—						
Assistant clerk	1	1,500	1	1,500	1	1,500
Total average number of employees	56		65		38.5	
Total salaries, field service		153,210.00		151,510.00		107,868.70
Wages, miscellaneous temporary employees		42,620.00		38,320.00		47,421.12
Total salaries and wages, field service		195,830.00		189,836.00		155,289.82
The difference between 1929 and 1928 is due to—						
Increase in force of temporary employees	$4,300					
Increase in force of regular employees	2,400					
Decrease in salaries	700					
Net increase	6,000					
01 Total personal services		239,010.00		224,530.00		187,492.85
Supplies and materials:						
0200 Stationery and office supplies		2,500.00		2,400.00		1,974.98
0220 Scientific and educational supplies		8,300.00		7,100.00		6,238.69
0230 Fuel		3,800.00		3,800.00		1,831.70
0235 Special and miscellaneous fuel		1,900.00		1,900.00		242.64
0280 Sundry supplies		2,200.00		2,200.00		1,227.79
0290 Materials		800.00		800.00		656.92
02 Total supplies and materials		19,500.00		18,200.00		12,172.72
Communication service:						
0500 Telegraph service		180.00		180.00		285.60
0510 Telephone service		2,200.00		2,200.00		550.16
0520 Other communication service		85.00		85.00		88.93
05 Total communication service		2,465.00		2,465.00		924.69
Travel expenses:						
0615 Transportation		10,875.00		10,300.00		11,461.57
0616 Subsistence		8,345.00		7,920.00		10,125.60
06 Total travel expenses		19,220.00		18,220.00		21,587.17
07 Transportation of things		2,800.00		2,800.00		2,969.79
10 Furnishing of heat, light, and power		1,400.00		1,400.00		1,481.76

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Bureau of Entomology—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Rents:			
1100 Rent of buildings and structures	$7,480.00	$7,480.00	$3,822.24
1110 Other rents	1,150.00	1,150.00	453.33
11 Total rents	8,630.00	8,630.00	4,275.57
12 Repairs and alterations	6,800.00	6,800.00	1,370.61
13 Special and miscellaneous current expenses	5.00	5.00	27.55
Equipment:			
3000 Passenger-carrying vehicles	1,750.00		
3010 Furniture, furnishings, and fixtures	2,050.00	2,050.00	1,160.11
3020 Educational, scientific, and recreational equipment	3,160.00	2,660.00	3,198.93
3050 Other equipment	2,710.00	4,220.00	2,087.81
30 Total equipment	9,670.00	8,930.00	6,446.85
		291,980.00	238,749.56
Unobligated balance			130.44
Reserve		2,600.00	
Total	309,500.00	294,580.00	238,880.00

For insects affecting tropical, subtropical, and ornamental plants and including research on the Parlatoria date scale and the Mediterranean and other fruit flies (U. S. C., p. 56, secs. 511, 512; pp. 98–101, secs. 141–167; act Jan. 18, 1927, vol. 44, pp. 992–994, 1001, 1002)..... $113,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 5, $5,200 to $6,000; average, $5,600—						
Senior entomologist	1	$5,200	1	$5,200	1	$5,200
Grade 4, $3,800 to $5,000; average, $4,400—						
Entomologist	1	3,800	1	3,800	1	3,800
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate entomologist	1	3,000				
Grade 1, $1,860 to $2,400; average, $2,111.42—						
Junior entomologist	1	2,400	1	2,400	1	2,400
Subprofessional service—						
Grade 5, $1,680 to $2,040; average, $1,860—						
Scientific illustrator	1	1,680	1	1,680	1	1,680
Grade 4, $1,500 to $1,860; average, $1,680—						
Head gardener	1	1,680	1	1,680	1	1,680
Clerical, administrative, and fiscal service—						
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	1	1,860				
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk-stenographer	2	1,500	1	1,500	1	1,500
Total average number of employees	9		6		6	
Total salaries, departmental service		22,620.00		16,260.00		16,193.22
The difference between 1929 and 1928 is due to increase in force, $6,360.						
Field service:						
Salaries and wages—						
Salary range, $3,800 to $5,000; average, $4,400—						
Entomologist	1	3,800				
Salary range, $3,000 to $3,600; average, $3,300—						
Associate entomologist	10	3,110	7	3,158	6.2	3,196
Salary range, $2,400 to $3,000; average, $2,700—						
Assistant entomologist	4	2,550	3	2,600	0.9	2,700
Salary range, $1,860 to $2,400; average, $2,111.42—						
Junior entomologist	3	1,940	1	2,100	2.1	2,385
Salary range, $1,680 to $2,040; average, $1,860—						
Scientific aid	1	1,680	1	1,680	1	1,680
Salary range, $1,500 to $1,860; average, $1,680—						
Assistant clerk-typist	2	1,500	1	1,500	0.7	1,500
Assistant clerk	1	1,500	1	1,500		
Salary range, $1,320 to $1,680; average, $1,500—						
Junior clerk-typist					1.9	1,410
Junior clerk	1	1,320	1	1,320	0.1	1,320
Total average number of employees	23		15		12.9	
Total salaries, field service		58,420.00		38,000.00		31,882.24
Wages, miscellaneous temporary employees		3,895.00		1,375.00		2,643.28
Total salaries and wages, field service		62,315.00		39,375.00		34,525.52
The difference between 1929 and 1928 is due to increase in force, $22,940.						
01 Total personal services		84,935.00		55,635.00		50,718.74

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Bureau of Entomology—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Supplies and materials:			
0200	Stationery and office supplies	$336.00	$261.00	$480.63
0220	Scientific and educational supplies	900.00	600.00	1,327.87
0230	Fuel	450.00	150.00	349.86
0280	Sundry supplies	902.00	602.00	710.90
0290	Materials	150.00	50.00	166.94
02	Total supplies and materials	2,738.00	1,663.00	3,036.20
	Communication service:			
0500	Telegraph service	46.00	11.00	24.38
0510	Telephone service	390.00	190.00	278.41
0520	Other communication service	141.00	91.00	17.40
05	Total communication service	577.00	292.00	320.19
	Travel expenses:			
0615	Transportation	6,650.00	3,650.00	3,258.21
0616	Subsistence	3,000.00	2,000.00	1,948.83
06	Total travel expenses	9,650.00	5,650.00	5,207.04
07	Transportation of things	541.00	391.00	721.64
10	Furnishing of heat, light, and power	450.00	50.00	155.45
	Rents:			
1100	Rent of buildings and structures	2,420.00	780.00	981.50
1110	Other rents	310.00	110.00	92.50
11	Total rents	2,730.00	890.00	1,074.00
12	Repairs and alterations	470.00	250.00	819.17
13	Special and miscellaneous current expenses	105.00	55.00	38.84
	Equipment:			
3010	Furniture, furnishings, and fixtures	880.00	480.00	1,492.13
3020	Educatonal, scientific, and recreational equipment	8,224.00	1,224.00	994.05
3050	Other equipment	1,700.00	700.00	619.38
30	Total equipment	10,804.00	2,404.00	3,105.56
			67,280.00	65,196.83
	Unobligated balance			1,568.17
	Reserve		1,620.00	
	Total	113,000.00	68,900.00	66,765.00

For insects affecting truck and garden crops and including insects affecting tobacco and sugar beets (U. S. C., p. 56, secs. 511, 512; pp. 98–101, secs. 141–167; act Jan. 18, 1927, vol. 44, pp. 992–994, 1001, 1002).... $225,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
Grade 5, $5,200 to $6,000; average, $5,600—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Senior entomologist	1	$5,200	1	$5,200	1	$5,200
Grade 4, $3,800 to $5,000; average, $4,400—						
Entomologist	1	4,400	1	4,400	1	4,400
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate entomologist	1	3,300	1	3,300	2.3	3,262
Grade 1, $1,860 to $2,400; average, $2,111.42—						
Junior entomologist	1	2,200	1	2,200	2	2,030
Subprofessional service—						
Grade 4, $1,500 to $1,860; average, $1,680—						
Assistant scientific illustrator	1	1,560	1	1,560	1	1,560
Grade 3, $1,320 to $1,680; average, $1,500—						
Gardener	1	1,440	1	1,440	1	1,440
Grade 2, $1,140 to $1,500; average, $1,320—						
Underscientific helper					2	1,290
Clerical, administrative, and fiscal service—						
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	1	2,200	1	2,200	1	2,200
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	1	2,040	1	2,040	1	2,040
Total average number of employees	8		8		12.3	
Total salaries, departmental service		22,340.00		22,340.00		30,959.80

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Bureau of Entomology—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $3,800 to $5,000; average, $4,400—						
Entomologist	1	$3,800				
Salary range, $3,000 to $3,600; average, $3,300—						
Associate entomologist	13	3,230	12	$3,250	10	$3,210
Salary range, $2,400 to $3,000; average, $2,700—						
Assistant entomologist	13	2,492	12	2,500	8.5	2,541
Salary range, $1,860 to $2,400; average, $2,111.42—						
Junior entomologist	14	2,056	14	2,056	14.4	2,020
Senior scientific aid	1	2,200	1	2,200	2.1	2,141
Clerk					1	1,860
Salary range, $1,500 to $1,860; average, $1,680—						
Assistant clerk-stenographer	4	1,530	4	1,530	3.3	1,500
Junior scientific aid					0.3	1,380
Salary range, $1,020 to $1,260; average, $1,140—						
Senior laborer	1	1,260	1	1,260	1	1,200
Salary range, $900 to $1,140; average, $1,020—						
Laborer	1	900	1	900	1	900
Total average number of employees	48		45		41.6	
Total salaries, field service		117,460.00		108,260.00		96,585.55
Wages, miscellaneous temporary employees		21,660.00		20,460.00		19,682.72
Total salaries and wages, field service		139,120.00		128,720.00		116,268.27
The difference between 1929 and 1928 is due to—						
Increase in regular force	$9,200					
Increase in temporary force	1,200					
Total increase	10,400					
01 Total personal services		161,460.00		151,060.00		147,228.07
Supplies and materials:						
0200 Stationery and office supplies		1,020.00		1,020.00		999.75
0220 Scientific and educational supplies		6,360.00		4,960.00		5,557.30
0230 Fuel		4,675.00		4,675.00		4,531.30
0280 Sundry supplies		2,600.00		2,600.00		2,707.16
0290 Materials		700.00		700.00		716.92
02 Total supplies and materials		15,355.00		13,955.00		14,512.43
Communication service:						
0500 Telegraph service		135.00		115.00		101.14
0510 Telephone service		410.00		410.00		450.16
0520 Other communication service		40.00		40.00		46.13
05 Total communication service		585.00		565.00		597.43
Travel expenses:						
0615 Transportation		9,450.00		6,900.00		8,015.70
0616 Subsistence		8,850.00		6,450.00		7,311.98
06 Total travel expenses		18,300.00		13,350.00		15,327.68
07 Transportation of things		1,550.00		1,350.00		1,335.34
08 Photographing and photographs and prints		25.00		25.00		17.03
10 Furnishing of heat, light, and power		390.00		360.00		419.69
Rents:						
1100 Rent of buildings and structures		6,205.00		5,485.00		5,254.66
1110 Other rents		285.00		285.00		196.41
11 Total rents		6,490.00		5,770.00		5,451.07
12 Repairs and alterations		5,250.00		5,150.00		5,227.00
13 Special and miscellaneous current expenses		160.00		160.00		126.87
Equipment:						
3010 Furniture, furnishings, and fixtures		1,195.00		1,195.00		1,674.33
3020 Educational, scientific, and recreational equipment		5,400.00		3,800.00		4,271.37
3050 Other equipment		8,840.00		8,220.00		8,413.95
30 Total equipment		15,435.00		13,215.00		14,359.65
				204,960.00		204,602.26
Unobligated balance						1,147.74
Reserve				3,630.00		
Total		225,000.00		208,590.00		205,750.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Salaries and Expenses, Bureau of Entomology—Continued.		
For insects affecting forests and including research on the gipsy and brown-tail moths (U. S. C., p. 56, secs. 511, 512; pp. 98–101, secs. 141–167; act Jan. 18, 1927, vol. 44, pp. 992–994, 1001, 1002)	$185,000.00	

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
Grade 5, $5,200 to $6,000; average, $5,600—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Senior entomologist	1	$5,200	1	$5,200	1	$5,200
Grade 4, $3,800 to $5,000; average, $4,400—						
Entomologist	1	3,800	1	3,800	1	3,800
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate entomologist	1	3,200	1	3,200	1	3,000
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant entomologist					0.1	2,400
Clerical, administrative, and fiscal service—						
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk-stenographer	1	2,200	1	2,200	1	2,200
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk-stenographer	2	1,620	1	1,740	1	1,740
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	1	1,500	1	1,500	1	1,440
Total average number of employees	7		6		6.1	
Total salaries, departmental service		19,140.00		17,640.00		17,394.82
The difference between 1929 and 1928 is due to increase in force, $1,500.						
Field service:						
Salaries and wages—						
Salary range, $3,800 to $5,000; average, $4,400—						
Entomologist	5	3,850	5	3,850	3	3,867
Salary range, $3,000 to $3,600; average, $3,300—						
Specialist in Scolytidae			0.2	3,600	1	3,600
Associate entomologist	6	3,117	6	3,117	5.3	3,264
Salary range, $2,400 to $3,000; average, $2,700—						
Assistant entomologist	13	2,515	11	2,536	10.5	2,489
Salary range, $2,100 to $2,700; average, $2,400—						
Principal scientific aid	3	2,367	3	2,367	3	2,285
Salary range, $1,860 to $2,400; average, $2,111.42—						
Junior entomologist	6	1,937	6	1,937	5.3	2,057
Senior scientific aid	7	1,937	6	1,950	4.6	1,920
Principal mechanic	1	2,000	1	2,000	1	1,920
Agent	1	1,860	1	1,860		
Salary range, $1,680 to $2,040; average, $1,860—						
Scientific aid	1	1,800	1	1,800	1	1,680
Clerk-stenographer	2	1,770	2	1,770	1	1,800
Salary range, $1,500 to $1,860; average, $1,680—						
Assistant scientific aid					0.7	1,500
Assistant clerk-stenographer	3	1,560	3	1,560	1.3	1,500
Salary range, $1,320 to $1,680; average, $1,500—						
Junior scientific aid	1	1,380	1	1,380	1	1,320
Junior clerk	1	1,680	1	1,680	1	1,680
Total average number of employees	50		47.2		39.7	
Total salaries, field service		119,820.00		113,760.00		96,179.33
Wages, miscellaneous temporary employees		9,280.00		8,320.00		11,343.01
Total salaries and wages, field service		129,100.00		122,080.00		107,522.37
The difference between 1929 and 1928 is due to—						
Increase in regular force	$6,660					
Increase in temporary force	360					
Total increase	7,020					
01 Total personal services		148,240.00		139,720.00		124,917.19
Supplies and materials:						
0200 Stationery and office supplies		675.00		675.00		1,439.86
0220 Scientific and educational supplies		1,650.00		1,650.00		5,954.93
0230 Fuel		740.00		740.00		897.35
0235 Special and miscellaneous fuel		900.00		900.00		2,369.86
0280 Sundry supplies		800.00		800.00		898.12
0290 Materials		375.00		375.00		309.05
02 Total supplies and materials		5,140.00		5,140.00		11,869.17
Communication service:						
0500 Telegraph service		75.00		75.00		49.41
0510 Telephone service		635.00		635.00		410.50
0520 Other communication service		220.00		220.00		214.09
05 Total communication service		930.00		930.00		674.00
Travel expenses:						
0615 Transportation		8,550.00		7,000.00		14,522.24
0616 Subsistence		9,850.00		8,800.00		14,023.12
06 Total travel expenses		18,400.00		15,800.00		28,545.36
07 Transportation of things		700.00		700.00		688.56
08 Printing and binding		50.00		50.00		8.25
10 Furnishing of heat, light, and power		200.00		200.00		200.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Bureau of Entomology—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Rents:			
1100 Rent of buildings and structures	$2,650.00	$2,650.00	$2,794.15
1110 Other rents	275.00	275.00	247.18
11 Total rents	2,925.00	2,925.00	3,041.33
12 Repairs and alterations	1,475.00	1,475.00	2,014.90
13 Special and miscellaneous current expenses	3,500.00	3,500.00	10.00
Equipment:			
3010 Furniture, furnishings, and fixtures	740.00	550.00	1,067.88
3020 Educational, scientific, and recreational equipment	850.00	850.00	781.40
3050 Other equipment	1,850.00	1,850.00	1,007.15
30 Total equipment	3,440.00	3,250.00	2,856.43
		173,690.00	174,825.19
Unobligated balance			1,114.81
Reserve		1,500.00	
Total	185,000.00	175,190.00	175,940.00

For insects affecting cereal and forage crops, including sugar cane and rice, and including research on the European corn borer (U. S. C., p. 56, secs. 511, 512; pp. 98–101, secs. 141–167; act Jan. 18, 1927, vol. 44, pp. 992–994, 1001, 1002) $426,900.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
Grade 5, $5,200 to $6,000; average, $5,600—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Senior entomologist	1	$5,200	1	$5,200	1	$5,099
Grade 4, $3,800 to $5,000; average, $4,400—						
Entomologist	1	4,600	1	4,600	1.1	4,200
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate entomologist	1	3,000	1	3,000	1	3,000
Subprofessional service—						
Grade 7, $2,100 to $2,700; average, $2,400—						
Principal scientific illustrator	1	2,100	1	2,100	1	2,100
Grade 2, $1,140 to $1,500; average, $1,320—						
Under scientific helper	1	1,320	1	1,320	1	1,320
Clerical, administrative, and fiscal service—						
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	1	2,200	1	2,200	1	2,200
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	1	1,860	1	1,860		
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk-stenographer	1	1,680	1	1,680	2	1,680
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk-stenographer	2	1,530	1	1,560	0.3	1,500
Total average number of employees	10		9		8.4	
Total salaries, departmental service		25,220.00		23,720.00		22,514.32
The difference between 1929 and 1928 is due to increase in force, $1,500.						
Field service:						
Salaries and wages—						
Salary range, $3,800 to $5,000; average, $4,400—						
Entomologist	7	3,857	6	3,867	4	3,800
Salary range, $3,060 to $3,600; average, $3,300—						
Associate entomologist	22	3,145	18	3,167	14.4	3,250
Salary range, $2,400 to $3,000; average, $2,700—						
Assistant entomologist	26	2,581	21	2,624	17.3	2,738
Salary range, $2,100 to $2,700; average, $2,400—						
Principal scientific aid	1	2,300	1	2,300	1	2,250
Salary range, $1,860 to $2,400; average, $2,111.42—						
Junior entomologist	16	2,069	16	2,069	13.3	2,090
Senior clerk	2	1,980	2	1,980	1.7	1,980
Senior mechanic	1	1,920	1	1,920	1	1,800
Salary range, $1,500 to $1,860; average, $1,680—						
Assistant clerk	6	1,610	6	1,610	5.2	1,546
Assistant clerk-stenographer	2	1,590	2	1,590	1	1,680
Assistant scientific aid	1	1,560	1	1,560	1	1,560
Salary range, $1,320 to $1,680; average, $1,500—						
Junior clerk	3	1,340	3	1,340	3.2	1,376
Junior clerk-stenographer	3	1,320	1	1,320	----	-----
Salaray range, $1,140 to $1,500; average, $1,320—						
Under scientific helper	1	1,260	1	1,260	1	1,260
Undercustodian	1	1,440	1	1,440	1	1,440
Salary range, $1,020 to $1,260; average, $1,140—						
Minor custodian	1	1,140	1	1,140	1	1,140

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Bureau of Entomology—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Field service—Continued.				
Salaries and wages—Continued.				
Salary range, $900 to $1,140; average, $1,020—		*Average*—	*Average*—	*Average*—
Unskilled laborer		*No.* 2 *Salary* $900	*No.* 2 *Salary* $900	*No.* 2 *Salary* $900
Junior laborer		1 1,140	1 1,140	1 1,140
Total average number of employees		96	84	69.1
Total salaries, field service		233,540.00	203,100.00	163,452.95
Wages, miscellaneous temporary employees		58,390.00	45,990.00	34,599.61
Total salaries and wages, field service		291,930.00	249,090.00	198,052.56
The difference between 1929 and 1928 is due to—				
Increase in regular force	$30,440			
Increase in temporary force	12,400			
Total increase	42,840			
01 Total personal services		317,150.00	272,810.00	220,566.88
Supplies and materials:				
0200 Stationery and office supplies		2,000.00	2,000.00	1,974.47
0220 Scientific and educational supplies		9,400.00	6,000.00	5,555.65
0230 Fuel		4,400.00	4,000.00	3,704.13
0235 Special fuel		750.00	750.00	735.42
0280 Sundry supplies		2,500.00	2,500.00	2,287.83
0290 Materials		800.00	800.00	856.78
02 Total supplies and materials		19,850.00	16,050.00	15,114.28
Communication service:				
0500 Telegraph service		310.00	250.00	230.43
0510 Telephone service		1,400.00	1,100.00	1,121.19
0520 Other communication service		300.00	300.00	333.38
05 Total communication service		2,010.00	1,650.00	1,685.00
Travel expenses:				
0615 Transportation		26,800.00	22,000.00	21,556.59
0616 Subsistence		24,765.00	20,000.00	18,392.12
06 Total travel expenses		51,565.00	42,000.00	39,948.71
07 Transportation of things		3,300.00	3,000.00	3,218.17
08 Printing and binding		25.00	25.00	1.92
10 Furnishing of heat, light, power, water, and electricity		1,500.00	1,500.00	1,356.76
Rents:				
1100 Rent of buildings and structures		12,000.00	12,000.00	10,736.65
1110 Other rents		1,200.00	1,200.00	825.50
11 Total rents		13,200.00	13,200.00	11,562.15
12 Repairs and alterations		6,200.00	4,700.00	4,127.36
13 Special and miscellaneous current expenses		200.00	100.00	110.89
Equipment:				
3010 Furniture, furnishings, and fixtures		4,500.00	4,100.00	3,812.17
3020 Educational, scientific, recreational equipment		2,900.00	900.00	834.77
3050 Other equipment		4,500.00	3,500.00	3,382.14
30 Total equipment		11,900.00	8,500.00	8,029.08
			363,535.00	305,721.20
Unobligated balance				9,213.80
Reserve			4,000.00	
Total		426,900.00	367,535.00	314,935.00

For insects affecting cotton and including research on the pink bollworm of cotton (U. S. C., p. 56, secs. 511, 512; pp. 98–101, secs. 141–167; act Jan. 18, 1927, vol. 44, pp. 992–994, 1001, 1002) $270,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Departmental service:			
Salaries—			
Professional and scientific service—	*Average*—	*Average*—	*Average*—
Grade 3, $3,000 to $3,600; average, $3,300—	*No.* *Salary*	*No.* *Salary*	*No.* *Salary*
Associate entomologist			1 $3,300
Grade 1, $1,860 to $2,400; average, $2,111.42—			
Junior entomologist			1 1,860
Subprofessional service—			
Grade 6, $1,860 to $2,400; average, $2,111.42—			
Senior scientific aid			1.2 1,950
Grade 3, $1,320 to $1,680; average, $1,500—			
Junior scientific aid			1 1,380
Grade 2, $1,140 to $1,500; average, $1,320—			
Under scientific helper			3 1,240

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salary and Expenses, Bureau of Entomology—Continued.

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Departmental service—Continued.						
	Salaries—Continued.						
	Clerical, administrative, and fiscal service—	*Average—*		*Average—*		*Average—*	
	Grade 5, $1,860 to $2,400; average, $2,111.42—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Senior clerk	1	$2,200	1	$2,200	1	$2,200
	Grade 4, $1,680 to $2,040; average, $1,860—						
	Principal stenographer	1	1,680				
	Grade 3, $1,500 to $1,860; average $1,680—						
	Assistant clerk-stenographer	1	1,500	1	1,500		
	Total average number of employees	3		2		8.2	
	Total salaries, departmental service		5,380.00		3,700.00		14,789.96
	The difference between 1929 and 1928 is due to increase in force, $1,680.						
	Field service:						
	Salaries and wages—						
	Salary rauge, $3,800 to $5,000; average, $4,400—						
	Entomologist	3	4,267	3	4,267	2.4	4,250
	Airplane pilot	2	4,800	2	4,800	2	4,800
	Chemist	1	3,800	1	3,800	1	3,800
	Salary range, $3,000 to $3,600; average, $3,300—						
	Associate entomologist	4	3,075	4	3,075	3	3,267
	Airplane machinist	1	3,600	1	3,600	1	3,600
	Salary range, $2,400 to $3,000; average, $2,700—						
	Assistant entomologist	11	2,646	9	2,700	6.3	2,766
	Assistant microscopist	1	2,600	1	2,600	1	2,400
	Principal clerk	1	2,600	1	2,600	1	2,500
	Salary range, $1,860 to $2,400; average, $2,111.42—						
	Junior entomologist	7	2,186	7	2,186	8.7	2,185
	Junior chemist					0.7	1,860
	Senior scientific aid	1	2,100	1	2,100	0.8	2,100
	Machinist	4	2,135	4	2,135	4	2,200
	Assistant clerk-stenographer	2	2,040	2	2,040	2	2,040
	Salary range, $1,680 to $2,040; average, $1,860—						
	Photographer	1	1,860	1	1,860	1	1,740
	Salary range, $1,500 to $1,860; average $1,680—						
	Forest ranger	1	1,620	1	1,620	0.8	1,620
	Salary range, $1,320 to $1,680; average, $1,500—						
	Junior clerk	2	1,380	2	1,380	1.8	1,380
	Total average number of employees	42		40		37.5	
	Total salaries, field service		111,660.00		106,860.00		99,543.16
	Wages, miscellaneous temporary employees		58,785.00		57,565.00		39,563.51
	Total salaries and wages, field service		170,445.00		164,425.00		139,106.67
	The difference between 1929 and 1928 is due to—						
	Increase in regular force	$4,800					
	Increase in temporary force	1,220					
	Total increase	6,020					
01	Total personal services		175,825.00		168,125.00		153,896.63
	Supplies and materials:						
0200	Stationery and office supplies		2,700.00		2,600.00		2,354.30
0220	Scientific and educational supplies		9,450.00		8,205.00		11,371.43
0230	Fuel		9,100.00		9,000.00		11,462.33
0280	Sundry supplies		6,600.00		6,400.00		3,718.55
0290	Materials		4,400.00		4,400.00		426.65
02	Total supplies and materials		32,250.00		30,605.00		29,333.26
	Communication service:						
0500	Telegraph service		280.00		230.00		238.49
0510	Telephone service		690.00		640.00		546.82
0520	Other communication service		55.00		55.00		10.72
05	Total communication service		1,025.00		925.00		796.03
	Travel expenses:						
0615	Transportation		13,700.00		11,700.00		9,787.64
0616	Subsistence		11,230.00		10,130.00		12,217.95
06	Total travel expenses		24,930.00		21,830.00		22,005.59
07	Transportation of things		1,790.00		1,690.00		5,677.13
08	Photographing and photographs and prints		10.00		10.00		
10	Furnishing of heat, light, and power		940.00		790.00		1,009.85
	Rents:						
1100	Rent of buildings and structures		4,950.00		4,250.00		3,370.00
1110	Other rents		500.00		500.00		660.00
11	Total rents		5,450.00		4,750.00		4,030.00
12	Repairs and alterations		5,730.00		5,730.00		9,200.31
13	Special and miscellaneous current expenses		1,820.00		1,820.00		884.35
	Equipment:						
3000	Passenger-carrying vehicles						1,766.00
3010	Furniture, furnishings, and fixtures		4,120.00		3,820.00		894.29
3020	Educational, scientific, and recreational equipment		4,120.00		3,870.00		708.15
3050	Other equipment		11,990.00		11,990.00		1,859.08
30	Total equipment		20,230.00		19,680.00		5,227.52
					255,955.00		232,060.67
	Unobligated balance						3,594.33
	Reserve				100.00		
	Total		270,000.00		256,055.00		235,655.00

. *Estimates of appropriations required for the service of the fiscal year ending June 30, 1929*—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Salaries and Expenses, Bureau of Entomology—Continued. *For insects affecting man and domestic animals (U. S. C., p. 56, secs. 511–512; pp. 98–101, secs. 141–167; act Jan. 18, 1927, vol. 44, pp. 992–994, 1001, 1002)*	$55,180.00	

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average—		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Departmental service:						
Salaries—						
Professional and scientific service—						
Grade 5, $5,200 to $6,000; average, $5,600—						
Senior entomologist	1	$5,200	1	$5,200		
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate entomologist	1	3,000				
Total average number of employees	2		1			
Total salaries, departmental service		8,200		5,200		
The difference between 1929 and 1928 is due to increase in force, $3,000.						
Field service:						
Salaries and wages—						
Salary range, $3,800 to $5,000; average, $4,400—						
Entomologist	1	4,000	1	4,000	1.6	$4,125
Salary range, $3,000 to $3,600; average, $3,300—						
Associate entomologist	2	3,050	2	3,050	1.4	3,076
Salary range, $2,400 to $3,000; average, $2,700—						
Assistant entomologist	4	2,600	3	2,667	3	2,667
Salary range, $1,860 to $2,400; average, $2,111.42—						
Junior entomologist	3	1,940	2	1,980	1.5	1,980
Salary range, $1,680 to $2,040; average, $1,860—						
Clerk	1	1,860	1	1,860		
Salary range, $1,020 to $1,260; average, $1,140—						
Messenger	1	1,140	1	1,140		
Total average number of employees	12		10		7.5	
Total salaries, field service		29,320.00		25,060.00		21,511.50
Wages, miscellaneous temporary employees		2,440.00		1,140.00		2,183.74
Total salaries and wages, field service		31,760.00		26,200.00		23,695.24
The difference between 1929 and 1928 is due to—						
Increase in regular force		$4,260				
Increase in temporary force		1,300				
Total increase		5,560				
01 Total personal services		39,960.00		31,400.00		23,695.24
Supplies and materials:						
0200 Stationery and office supplies		210.00		160.00		331.19
0220 Scientific and educational supplies		850.00		800.00		891.25
0230 Fuel		400.00		350.00		431.73
0280 Sundry supplies		200.00		150.00		243.12
0290 Materials		40.00		40.00		134.78
02 Total supplies and materials		1,700.00		1,500.00		2,032.07
04 Subsistence and care of animals		120.00		120.00		262.67
Communication service:						
0500 Telegraph service		60.00		25.00		39.74
0510 Telephone service		150.00		50.00		153.00
0520 Other communication service		10.00		10.00		23.19
05 Total communication service		220.00		85.00		215.93
Travel expenses:						
0615 Transportation		5,530.00		2,215.00		4,335.94
0616 Subsistence		3,100.00		1,600.00		1,579.99
06 Total travel expenses		8,630.00		3,815.00		5,915.93
07 Transportation of things		400.00		200.00		241.43
10 Furnishing of heat, light, power, water, and electricity		150.00		90.00		129.13
Rents:						
1100 Rents of buildings and structures		1,500.00		1,225.00		1,272.00
1110 Other rents		100.00				168.75
11 Total rents		1,600.00		1,225.00		1,440.75
12 Repairs and alterations		300.00		300.00		330.53
13 Special and miscellaneous current expenses		50.00		50.00		23.10
Equipment:						
3010 Furniture, furnishings, and fixtures		300.00		100.00		587.74
3020 Educational, scientific, and recreational equipment		950.00		550.00		321.65
3050 Other equipment		800.00		200.00		688.84
30 Total equipment		2,050.00		850.00		1,598.23
				39,635.00		35,885.01
Unobligated balance						1,294.99
Reserve				545.00		
Total		55,180.00		40,180.00		37,180.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Salaries and Expenses, Bureau of Entomology—Continued. *For insects affecting stored products (U. S. C., p. 56, secs. 511, 512; pp. 98–101, secs. 141–167; act Jan. 18, 1927, vol. 44, pp. 992–994, 1001, 1002)*	$51,900.00	

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average—		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Departmental service:						
Salaries—						
Professional and scientific service—						
Grade 5, $5,200 to $6,000; average, $5,600—						
Senior entomologist	1	$5,200	1	$5,200	1	$5,200
Grade 4, $3,800 to $5,000; average, $4,400—						
Entomologist	1	3,800	1	3,800	1	3,800
Subprofessional service—						
Grade 8, $2,400 to $3,000; average, $2,700—						
Chief scientific illustrator	1	2,400	1	2,400	1	2,400
Grade 3, $1,320 to $1,680; average, $1,500—						
Junior scientific aid	1	1,560	1	1,560	1	1,560
Clerical, administrative, and fiscal service—						
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk-stenographer	1	1,920	1	1,920	1	1,920
Senior translator					0.1	1,800
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	1	1,680	1	1,680	1	1,680
Total average number of employees	6		6		6.1	
Total salaries, departmental service		16,560.00		16,560.00		16,612.05
Field service:						
Salaries and wages—						
Salary range, $3,000 to $3,600; average, $3,300—						
Associate entomologist	4	3,325	3	3,433	3	3,300
Salary range, $2,400 to $3,000; average, $2,700—						
Assistant entomologist	4	2,550	4	2,550	2	2,650
Salary range, $1,860 to $2,400; average $2,111.42—						
Junior entomologist					2	2,350
Total average number of employees	8		7		7	
Total salaries, field service		23,500.00		20,500.00		19,799.82
Wages, miscellaneous temporary employees		1,140.00		1,140.00		1,427.27
Total salaries and wages, field service		24,640.00		21,640.00		21,227.09
The difference between 1929 and 1928 is due to increase in force, $3,000.						
01 Total personal services		41,200.00		38,200.00		37,839.14
Supplies and materials:						
0200 Stationery and office supplies		180.00		180.00		338.62
0220 Scientific and educational supplies		865.00		565.00		1,122.36
0230 Fuel		200.00		200.00		351.83
0280 Sundry supplies		330.00		330.00		406.33
0290 Materials		400.00		400.00		9.50
02 Total supplies and materials		1,975.00		1,675.00		2,228.64
Communication service:						
0500 Telegraph service		50.00		50.00		27.79
0510 Telephone service		265.00		265.00		171.94
0520 Other communication service		55.00		55.00		2.82
05 Total communication service		370.00		370.00		202.55
Travel expenses:						
0615 Transportation		4,045.00		2,705.00		3,067.33
0616 Subsistence		2,380.00		1,680.00		2,539.20
06 Total travel expenses		6,425.00		4,385.00		5,606.53
07 Transportation of things		125.00		125.00		37.86
08 Photographing and photographs and prints		45.00		45.00		
10 Furnishing of heat, light, and power		25.00		25.00		71.04
Rents:						
1100 Rent of buildings and structures		585.00		585.00		807.50
1110 Other rents						76.50
11 Total rents		585.00		585.00		884.00
12 Repairs and alterations		200.00		200.00		292.14
13 Special and miscellaneous current expenses						6.83
Equipment:						
3010 Furniture, furnishings, and fixtures		100.00		100.00		386.87
3020 Educational, scientific, and recreational equipment		800.00		340.00		427.61
3050 Other equipment		50.00		50.00		5.50
30 Total equipment		950.00		490.00		819.98
				46,100.00		47,988.71
Unobligated balance						1,061.29
Reserve				800.00		
Total		51,900.00		46,900.00		49,050.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Salaries and Expenses, Bureau of Entomology—Continued.		
For taxonomy and interrelations of insects, and including the importation and exchange of useful insects and an insect pest survey (U. S. C., p. 56, secs. 511, 512; pp. 98–101, secs. 141–167; act Jan. 18, 1927, vol. 44, pp. 992, 994, 1001, 1002)	$130,000.00	

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average—		Average—		Average—	
	No.	Salary	No.	Salary	No.	Salary
Departmental service:						
Salaries—						
Professional and scientific service—						
Grade 5, $5,200 to $6,000; average, $5,600—						
Senior entomologist	2	$5,600	2	$5,600	2.1	$5,433
Grade 4, $3,800 to $5,000; average, $4,400—						
Entomologist	5	3,880	3	3,867	5	4,080
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate entomologist	9	3,200	8	3,225	6.7	3,254
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant entomologist	3	2,733	2	2,900	2	2,800
Grade 1, $1,860 to $2,400; average, $2,111.42—						
Junior entomologist	2	1,860	2	1,860		
Subprofessional service—						
Grade 6, $1,860 to $2,400; average, $2,111.42—						
Senior scientific aid	4	1,875	3	1,860	0.6	1,860
Grade 4, $1,500 to $1,860; average, $1,680—						
Assistant scientific aid					1	1,620
Assistant scientific illustrator	1	1,740	1	1,740		
Grade 3, $1,320 to $1,680; average, $1,500—						
Junior scientific aid	1	1,380	1	1,380		
Grade 2, $1,140 to $1,500; average, $1,320—						
Under scientific helper	8	1,298	7.5	1,296	2.8	1,370
Clerical, administrative, and fiscal service—						
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk-stenographer	1	1,860	1	1,860	1	1,860
Clerk	1	2,040			0.2	1,680
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk-stenographer	7	1,593	5	1,536	3.6	1,583
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk-stenographer	1	1,320	1	1,320		
Total average number of employees	45		36.5		25	
Total salaries, departmental service		108,700.00		87,460.00		73,557.57
The difference between 1929 and 1928 is due to increase in force, $21,240.						
Field service:						
Salaries and wages—						
Salary range, $5,200 to $6,000; average, $5,600—						
Senior entomologist	1	5,200	1	5,200		
Salary range, $3,800 to $5,000; average, $4,400—						
Entomologist	2	4,000	2	4,000	1	3,800
Salary range, $1,860 to $2,400; average, $2,111.42—						
Senior scientific aid	1	1,920	1	1,920		
Total average number of employees	4		4		1	
Total salaries and wages, field service		15,120.00		15,120.00		3,799.92
01 Total personal services		123,820.00		102,580.00		77,357.49
Supplies and materials:						
0200 Stationery and office supplies		300.00		300.00		664.70
0220 Scientific and educational supplies		1,300.00		1,550.00		1,859.47
0280 Sundry supplies		10.00		10.00		42.03
0290 Materials		5.00		5.00		17.60
02 Total supplies and materials		1,615.00		1,865.00		2,583.80
Communication service:						
0500 Telegraph service		10.00		110.00		107.41
0510 Telephone service		25.00		94.00		158.44
05 Total communication service		35.00		204.00		265.85
Travel expenses:						
0615 Transportation		1,475.00		3,300.00		2,361.26
0616 Subsistence		1,375.00		3,000.00		1,990.00
06 Total travel expenses		2,850.00		6,300.00		4,351.26
07 Transportation of things		10.00		15.00		7.52
12 Repairs and alterations		5.00		5.00		1.50
Equipment:						
3010 Furniture, furnishings, and fixtures		715.00		70.00		201.75
3020 Educational, scientific, and recreational equipment		900.00		450.00		2,107.91
3050 Other equipment		50.00		33.00		44.10
30 Total equipment		1,665.00		553.00		2,353.76
				111,522.00		86,921.18
Unobligated balance						218.82
Reserve				755.00		
Total		130,000.00		112,277.00		87,140.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Salaries and Expenses, Bureau of Entomology—Continued. *For bee culture (U. S. C., p. 56, secs. 511, 512; pp. 98–101, secs. 141–167; act Jan. 18, 1927, vol. 44, pp. 992–994, 1001, 1002)* $42,380.00		

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
Salary range, $3,800 to $5,000; average, $4,400—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Apiculturist	1	$4,600	1	$4,600	1	$4,400
Salary range, $3,000 to 3,600; average, $3,300—						
Associate apiculturist	4	3,225	4	3,225	4	3,175
Salary range, $2,400 to $3,000; average, $2,700—						
Assistant apicultural physiologist	1	2,400	1	2,400	1	2,400
Assistant apiculturist	1	2,400	1	2,400		
Salary range, $1,860 to $2,400; average, $2,111.42—						
Clerk-stenographer	1	2,200	1	2,200	1	2,100
Salary range, $1,500 to $1,860; average, $1,680—						
Assistant clerk	1	1,860	1	1,860	0.8	1,860
Assistant clerk-stenographer	1	1,860	1	1,860	1	1,860
Total average number of employees	10		10		8.8	
Total salaries, field service		28,220.00		28,220.00		24,909.80
Wages, miscellaneous temporary employees		4,535.00		4,535.00		3,797.15
01 Total personal services		32,755.00		32,755.00		28,706.95
Supplies and materials:						
0200 Stationery and office supplies		220.00		220.00		299.93
0220 Scientific and educational supplies		900.00		900.00		1,835.88
0230 Fuel		360.00		360.00		270.85
0280 Sundry supplies		900.00		900.00		259.88
0290 Materials		100.00		100.00		99.31
02 Total supplies and materials		2,480.00		2,480.00		2,765.85
Communication service:						
0500 Telegraph service		30.00		30.00		20.48
0510 Telephone service		120.00		120.00		93.53
0520 Other communication service						11.00
05 Total communication service		150.00		150.00		125.01
Travel expenses:						
0615 Transportation		1,600.00		1,100.00		1,748.10
0616 Subsistence		800.00		500.00		805.44
06 Total travel expenses		2,400.00		1,600.00		2,553.54
07 Transportation of things		370.00		370.00		1,164.36
10 Furnishing of heat, light, power, water, and electricity		150.00		150.00		150.80
11 Rents		1,700.00		1,700.00		1,525.00
12 Repairs and alterations		200.00		200.00		19.62
13 Special and miscellaneous current expenses		15.00		15.00		
Equipment:						
3010 Furniture, furnishings, and fixtures		200.00		200.00		526.51
3020 Educational, scientific, and recreational equipment		1,950.00		1,950.00		1,676.09
3050 Other equipment		10.00		10.00		82.63
30 Total equipment		2,160.00		2,160.00		2,285.23
				41,580.00		39,296.36
Unobligated balance						3,083.64
Reserve				800.00		
Total		42,380.00		42,380.00		42,380.00

Total, Bureau of Entomology, $1,890,318, of which amount not to exceed $349,800 may be expended for personal services in the District of Columbia ..... $1,890,318.00 | $1,694,045.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
BUREAU OF BIOLOGICAL SURVEY		
Salaries and Expenses, Bureau of Biological Survey—		
For salaries and employment of labor in the city of Washington and elsewhere, furniture, supplies, including the purchase of bags, tags, and labels printed in the course of manufacture, traveling and all other expenses necessary in conducting investigations and carrying out the work of the bureau, as follows (*U. S. C., p. 56, secs. 511, 512; p. 434, secs. 671, 673; pp. 436, 437, secs. 701, 703–711; act Jan. 18, 1927, vol. 44, pp. 994, 995*):		
For necessary expenses for general administrative purposes, including the salary of chief of bureau and other personal services in the District of Columbia, [$67,020] (*U. S. C., p. 56, secs. 511, 512; p. 434, secs. 671, 673; pp. 436, 437, secs. 701, 703–711; act Jan. 18, 1927, vol. 44, pp. 994, 995*)	$68,500.00	

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
Grade 6, $6,000 to $7,500; average, $6,750—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Chief of Bureau	1	$6,000	1	$6,000	1	$6,000
Grade 5, $5,200 to $6,000; average, $5,600—						
Senior biologist	0.2	6,000	0.2	6,000		
Clerical, administrative, and fiscal service—						
Grade 12, $5,200 to $6,000; average, $5,600—						
Associate chief of bureau	1	5,800	1	5,800	1	5,700
Grade 9, $3,000 to $3,600; average $3,300—						
Senior administrative assistant	3.5	3,300	3.5	3,300	3.5	3,161
Grade 8, $2,700 to $3,300; average, $3,000—						
Administrative assistant (accountant in charge)	1	3,100	1	3,100	1	3,000
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	3	2,367	3	2,367	3	2,300
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	6	2,126	6	2,126	4.9	2,111
Senior photographer	0.6	2,000	0.6	2,000	1	1,920
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	1	1,860	1	1,860		
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	2.7	1,611	1.7	1,741	2	1,753
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	4	1,530	4	1,530	4	1,485
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	1	1,380	1	1,380	1	1,380
Custodial service—						
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger	1	1,080	1	1,080	1	1,020
Grade 2, $900 to $1,140; average, $1,020—						
Office laborer	3	382	3	382	3	378
Grade 1, $600 to $780; average, $690—						
Junior messenger	1	690	1	690	1	602
Total average number of employees	30		29		27.4	
01 Total salaries, departmental service		65,694.00		64,214.00		58,741.96
The difference between 1929 and 1928 is due to increase in force, $1,480.						
Supplies and materials:						
0200 Stationery and office supplies		500.00		500.00		591.96
0220 Scientific supplies						1.50
0280 Sundry supplies		15.00		15.00		18.72
02 Total supplies and materials		515.00		515.00		612.18
Communication service:						
0500 Telegraph service		70.00		70.00		71.53
0510 Telephone service		110.00		110.00		117.69
0520 Other communication service		50.00		50.00		76.87
05 Total communication service		230.00		230.00		266.09
Travel expenses:						
0615 Transportation		1,000.00		1,000.00		1,164.69
0616 Subsistence		200.00		200.00		345.80
06 Total travel expenses		1,200.00		1,200.00		1,510.49
07 Transportation of things		125.00		125.00		130.47
12 Repairs and alterations		125.00		125.00		129.24
13 Special and miscellaneous expenses		45.00		45.00		46.52
Equipment:						
3010 Furniture, furnishings, and fixtures		516.00		516.00		606.34
3050 Other equipment		50.00		50.00		45.38
30 Total equipment		566.00		566.00		651.72
						62,088.67
Unobligated balance						74.35
Total		68,500.00		67,020.00		62,163.02

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Salaries and Expenses, Bureau of Biological Survey—Continued. For the maintenance of the Montana National Bison Range and other reservations and for the maintenance of game introduced into suitable localities on public lands, under supervision of the Biological Survey, including construction of fencing, wardens' quarters, shelters for animals, landings, roads, trails, bridges, ditches, telephone lines, rockwork, bulkheads, and other improvements necessary for the economical administration and protection of the reservations, and for the enforcement of section 84 of the act approved March 4, 1909, entitled "An act to codify, revise, and amend the penal laws of the United States," [$72,000] *$69,000: Provided*, That $2,500 may be used for the purchase, capture, and transportation of game for national reservations (*U. S. C., p. 56, secs. 511, 512; p. 434, secs. 671, 673; pp. 436, 437, secs. 701, 703-711; act Jan. 18, 1927, vol. 44, pp. 994, 995*)	$69,000.00	

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
Grade 4, $3,800 to $5,000; average, $4,400—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Biologist (chief of bureau)	1.3	$4,200	1.3	$4,200	0.5	$4,500
Clerical, administrative, and fiscal service—						
Grade 9, $3,000 to $3,600; average $3,300—						
Senior administrative assistant	0.1	3,500	0.1	3,500	0.3	3,500
Grade 5, $1,860 to $2,400; average $2,111.42—						
Senior clerk	0.7	2,100	0.7	2,100	0.9	2,100
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	0.5	1,560	0.5	1,560	1	1,560
Total average number of employees	2.6		2.6		2.7	
Total salaries, departmental service		7,927.00		7,927.00		7,068.27
Field service:						
Salaries and wages—						
Salary range, $2,400 to $3,000; average, $2,700—						
Game warden in charge	1	2,620	1	2,620	1	2,820
Salary range, $1,860 to $2,400; average, $2,111.42—						
Game warden in charge	4	2,095	4	2,095	2.7	2,060
Salary range, $1,500 to $1,860; average, $1,680—						
Game warden in charge	2	1,650	2	1,650	2	1,590
Salary range, $1,320 to $1,680; average, $1,500—						
Junior stenographer	0.5	1,320	0.5	1,320	0.5	1,320
Salary range, $1,140 to $1,500; average, $1,320—						
Game warden	4.3	1,134	3	1,147	2.5	1,166
Total average number of regular employees	11.8		10.5		9.7	
Total salaries, regular employees		19,902.00		18,342.00		17,098.50
Deduct allowance value of quarters furnished		720.00		720.00		700.00
Cash payment, salaries and wages		19,182.00		17,622.00		16,398.50
Temporary employees, at salaries ranging from $3 to $5 per day	22		20		12	
Total salaries and wages, temporary employees		20,719.00		18,574.00		10,655.27
Total number employees	33.8		30.5		21.7	
Total salaries and wages, field service		39,901.00		36,196.00		27,053.77
The difference between 1929 and 1928 is due to increase in force, $3,705.						
Deduct expenditures for personal services included in objects named below		5,867.00		8,337.00		3,719.94
Net salaries and wages, field service		34,034.00		27,859.00		23,333.83
01 Total personal services		41,961.00		35,786.00		30,402.10
Supplies and materials:						
0200 Stationery and office supplies		155.00		195.00		220.11
0220 Scientific and educational supplies		25.00		25.00		27.15
0230 Fuel		255.00		255.00		280.53
0250 Forage and other supplies for animals		1,405.00		1,749.00		6,622.68
0270 Powder, projectiles, explosives, etc		100.00		100.00		53.85
0280 Sundry supplies		335.00		291.00		113.33
02 Total supplies and materials		2,275.00		2,615.00		7,317.65
Communication service:						
0500 Telegraph service		150.00		120.00		97.46
0510 Telephone service		170.00		165.00		128.27
0520 Other communication service		5.00		5.00		8.45
05 Total communication service		325.00		290.00		234.18
Travel expenses:						
0615 Transportation		1,400.00		1,488.00		1,349.56
0616 Subsistence		1,100.00		1,050.00		945.99
06 Total travel expenses		2,500.00		2,538.00		2,295.55
07 Transportation of things		1,280.00		1,030.00		1,091.25
11 Rents		150.00		150.00		150.00
Repairs and alterations		1,814.00		2,291.00		1,314.62
Add indirect expenditures deducted from other objects		1,132.00		2,347.00		1,661.85
12 Total repairs and alterations		2,946.00		4,638.00		2,976.47
13 Special and miscellaneous current expenses		3,300.00		782.00		548.86

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Bureau of Biological Survey—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Equipment:			
3010	Furniture, furnishings, and fixtures	$200.00	$50.00	$274.95
3020	Scientific equipment			56.60
3040	Livestock	750.00	175.00	175.00
3050	Other equipment	2,190.00	1,570.00	1,948.82
30	Total equipment	3,140.00	1,795.00	2,455.37
3210	Structural improvements	6,388.00	15,636.00	2,045.69
	Add indirect expenditures deducted from other objects	4,735.00	5,990.00	2,058.09
32	Total structures	11,123.00	21,626.00	4,103.78
	Unobligated balance		71,250.00	51,575.21
	Reserve		750.00	634.79
	Total	69,000.00	72,000.00	52,210.00
	SULLYS HILL NATIONAL PARK GAME PRESERVE, N. DAK.			
	Unobligated balance		8.75	
	Reserve		4,000.00	
	Total		4,008.75	

For investigating the food habits of North American birds and other animals in relation to agriculture, horticulture, and forestry; for investigations, experiments, and demonstrations in connection with rearing fur-bearing animals; for experiments, demonstrations, and cooperation in destroying mountain lions, wolves, coyotes, bobcats, prairie dogs, gophers, ground squirrels, jack rabbits, and other animals injurious to agriculture, horticulture, forestry, animal husbandry, and wild game; and for the protection of stock and other domestic animals through the suppression of rabies in predatory wild animals, [$568,000] (*U. S. C., p. 56, secs. 511, 512; p. 434, secs. 671, 673; pp. 436, 437, secs. 701, 703–711; act Jan. 18, 1927, vol. 44, pp. 994, 995*) -- $590,000.00

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Departmental service:						
	Salaries—						
	Professional and scientific service—	*Average—*		*Average—*		*Average—*	
	Grade 5, $5,200 to $6,000; average $5,600—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Senior biologist (chief of division)	1	$5,200	1	$5,200	1	$5,200
	Grade 4, $3,800 to $5,000; average, $4,400—						
	Biologist (chief of division)	4	4,149	4	4,149	4.7	3,930
	Grade 3, $3,000 to $3,600; average, $3,300—						
	Associate biologist	2	3,150	2	3,150	3	3,233
	Grade 2, $2,400 to $3,000; average, $2,700—						
	Assistant biologist	2	2,602	1.7	2,602	2.4	2,676
	Grade 1, $1,860 to $2,400; average, $2,111.42—						
	Junior biologist	4	1,912	3	1,912	1.4	1,895
	Subprofessional service—						
	Grade 4, $1,500 to $1,860; average, $1,680—						
	Assistant biological aid					1	1,860
	Grade 3, $1,320 to $1,680; average, $1,500—						
	Junior scientific aid	1	1,320	1	1,320	1	1,320
	Clerical, administrative and fiscal service—						
	Grade 9, $3,000 to $3,600; average, $3,300—						
	Senior administrative assistant	0.4	3,500	0.4	3,500	0.3	3,500
	Grade 8, $2,700 to $3,300; average, $3,000—						
	Administrative assistant					0.2	2,700
	Grade 5, $1,860 to $2,400; average, $2,111.42—						
	Senior clerk	0.4	2,165	0.4	2,165	1	2,100
	Grade 4, $1,680 to $2,040; average, $1,860—						
	Clerk	3.3	1,794	3.3	1,794	3.3	1,730
	Grade 3, $1,500 to $1,860; average, $1,680—						
	Assistant clerk	1	1,500	1	1,500	1.7	1,625
	Grade 2, $1,320 to $1,680; average, $1,500—						
	Junior stenographer	1	1,320	0.9	1,320		
	Grade 1, $1,140 to $1,500; average, $1,320—						
	Undertypist					1	1,245
	Total average number of employees	20.1		18.7		22	
01	Total salaries, departmental service		52,960.00		50,330.00		59,172.44
	The difference between 1929 and 1928 is due to—						
	Increase in force	$1,860					
	Increase in salaries	770					
	Total increase	2,630					

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Bureau of Biological Survey—Continued.

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Field service:						
	Salaries and wages—	*Average—*		*Average—*		*Average—*	
		No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Salary range, $3,800 to $5,000; average, $4,400—						
	Biologist	3	$3,867	3	$3,867	0.2	$3,800
	Veterinarian	1	3,800	0.9	3,800		
	Salary range, $3,000 to $3,600; average, $3,300—						
	Asssociate biologist in charge	3	3,200	3	3,200	3	3,183
	Salary range, $2,400 to $3,000; average, $2,700—						
	Assistant biologist (district leaders)	16	2,818	16	2,818	17.1	2,702
	Leader predatory animal control	12	2,818	12	2,818	13.4	2,702
	Salary range, $1,860 to $2,400; average, $2,1t1.42—						
	Junior biologist	12	2,075	12	2,075	12.1	2,116
	Junior animal husbandman	1	1,860	1	1,860	0.7	1,359
	Junior veterinarian	1	1,860	1	1,860		
	Assistant leader, predatory animal control	16	2,126	16	2,126	13.8	2,237
	Salary range, $1,680 to $2,040; average, $1,860—						
	Biological aid	1	1,920	1	1,920		
	Clerk	11	1,832	11	1,832	11.1	1,783
	Salary range, $1,500 to $1,860; average, $1,680—						
	Assistant biological aid	3.2	1,711	3.2	1,711	3.9	1,700
	Junior leader, predatory animal control	4	1,680	4	1,680	2.8	1,600
	Salary range, $1,320 to $1,680; average, $1,500—						
	Junior clerk	3.9	1,433	3.9	1,433	2.5	1,441
	Salary range, $1,140 to $1,500; average, $1,320—						
	Underclerk	1.5	1,200	1.5	1,200	2.6	1,200
	Laborer	2	1,260	2	1,260	2.2	1,185
	Total average number of regular employees	91.6		91.5		85.4	
	Total salaries and wages, regular employees		210,725.00		209,788.00		185,131.03
	Deduct allowance of value for quarters		360.00		360.00		263.00
	Cash payment, salaries		210,365.00		209,428.00		184,868.03
	Temporary employees, at salaries ranging from $60 to $150 per month	138		127.3		128	
	Total salaries and wages, temporary employees		165,870.00		154,000.00		155,108.16
	Total number of employees	229.6		218.8		213.4	
	Total salaries and wages, field service		376,235.00		363,428.00		339,976.19
	The difference between 1929 and 1928 is due to—						
	Increase in temporary force	$t1,870					
	Increase in regular force	937					
	Total increase	12,807					
	Deduct for personal services included in objects named below		430.00		763.00		733.00
	Net salaries and wages, field service		375,805.00		362,665.00		339,243.19
01	Total personal services		428,765.00		412,995.00		398,415.63
	Supplies and materials:						
0200	Stationery and office supplies		2,010.00		1,950.00		1,881.53
0220	Scientific and educational supplies		27,270.00		24,130.00		24,515.19
0230	Fuel		350.00		350.00		318.83
0250	Forage and other supplies for animals		2,750.00		2,750.00		1,483.79
0270	Powder, projectiles, explosives, etc		2,150.00		2,137.00		2,139.40
0280	Sundry supplies		1,903.00		1,802.50		1,713.19
02	Total supplies and materials		36,433.00		33,119.50		32,051.93
04	Storage and care of motor trucks		325.00		325.00		324.60
	Communication Service:						
0500	Telegraph service		670.00		666.00		638.67
0510	Telephone service		1,590.00		1,580.00		1,617.73
0520	Other communication service		118.00		103.00		102.41
05	Total communication service		2,378.00		2,349.00		2,358.81
	Travel expenses:						
0615	Transportation		50,875.00		43,752.00		41,540.72
0616	Subsistence		38,274.00		33,154.50		31,635.65
06	Total travel expenses		89,149.00		76,906.50		73,176.37
07	Transportation of things		8,235.00		7,920.00		10,167.30
08	Printing, binding, and engraving		20.00		20.00		53.89
10	Furnishing of light, heat, and power		100.00		65.00		57.59
11	Rents		8,275.00		8,275.00		8,036.50
	Repairs and alterations:						
	Repairs and alterations		240.00		240.00		382.22
	Add indirect expenditures deducted from other objects		260.00		260.00		246.00
12	Total repairs and alterations		500.00		500.00		628.22
13	Special and miscellaneous current expenses		2,275.00		2,195.00		2,068.67
	Equipment:						
3010	Furniture, furnishings, and fixtures		1,630.00		1,405.00		1,484.51
3020	Scientific equipment		1,465.00		965.00		947.66
3050	Other equipment		9,700.00		9,470.00		12,646.22
30	Total equipment		12,795.00		11,840.00		15,078.39

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Bureau of Biological Survey—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Structures:			
3210 Structural improvements	$580.00	$990.00	$1,146.25
Add indirect expenditures deducted from other objects	170.00	500.00	487.00
32 Total structures	750.00	1,490.00	1,633.25
		558,000.00	544,051.15
Unobligated balance			12,217.83
Reserve		10,000.00	
Total	590,000.00	568,000.00	556,268.98

For biological investigations, including the relations, habits, geographic distribution, and migration of animals and plants, and the preparation of maps of the life zones, [$40,000] (*U. S. C., p. 56, secs. 511, 512; p. 434, secs. 671, 673; pp. 436, 437, secs. 701, 703–711; act Jan. 18, 1927, vol. 44, pp. 994, 995*) $48,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 5, $5,200 to $6,000; average, $5,600—						
Senior biologist	0.8	$6,000	0.8	$6,000	0.1	$6,000
Grade 4, $3,800 to $5,000; average, $4,400—						
Biologist (1 in charge)	4	4,050	4	4,050	3.8	3,846
Subprofessional service—						
Grade 6, $1,860 to $2,400; average, $2,111.42—						
Senior scientific aid	1	2,000	1	2,000	1	2,000
Grade 5, $1,680 to $2,040; average $1,860—						
Scientific aid	2	1,860	2	1,860	2	1,860
Grade 4, $1,500 to $1,860; average $1,680—						
Assistant biological aid	1	1,560	1	1,560	1	1,560
Grade 3, $1,320 to $1,680; average, $1,500—						
Junior scientific aid					0.2	1,320
Clerical, administration, and fiscal service—						
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk					0.7	1,690
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	1.7	1,770	1.7	1,770	0.3	1,860
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	2	1,530	2	1,530	2	1,520
Custodial service—						
Grade 2, $900 to $1,260; average, $1,140—						
Assistant messenger	1	900	1	900	1	900
Total average number of employees	13.5		13.5		13.1	
Total salaries, departmental service		34,920.00		34,920.00		30,206.31
Field service:						
Salaries and wages—						
Salary range, $3,800 to $5,000; average, $4,400—						
Biologist					0.8	3,800
Salary range, $3,000 to $3,600; average, $3,300—						
Associate biologist	2.5	3,000	0.5	3,000	0.1	3,300
Salary range, $1,860 to $2,400; average, $2,111.42—						
Field assistant					0.2	1,860
Total average number of regular employees	2.5		0.5		1.1	
Total salaries, regular employees		7,500.00		1,525.00		3,878.60
Temporary employees, at salaries ranging from $1 to $2,400 per annum					1	
Total salaries and wages, temporary employees						947.00
Total number of employees	2.5		0.5		2.1	
Total salaries and wages, field service		7,500.00		1,525.00		4,825.60
The difference between 1929 and 1928 is due to increase in force, $5,975.						
01 Total personal services		42,420.00		36,445.00		35,031.91
Supplies and materials:						
0200 Stationery and office supplies		325.00		325.00		358.45
0220 Scientific and educational supplies		250.00		250.00		250.72
0270 Ammunition		50.00		50.00		65.08
0280 Sundry supplies		10.00		10.00		14.89
02 Total supplies and materials		635.00		635.00		689.14
Communication service:						
0500 Telegraph service		50.00		50.00		38.38
0510 Telephone service		125.00		125.00		113.43
0520 Other communication service		15.00		15.00		15.00
05 Total communication service		190.00		190.00		166.81

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Bureau of Biological Survey—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Travel expenses:			
0615 Transportation	$1,905.00	$825.00	$775.17
0616 Subsistence	1,800.00	800.00	874.17
06 Total travel expenses	3,705.00	1,625.00	1,649.34
07 Transportation of things	500.00	400.00	456.89
11 Rents			240.00
12 Repairs and alterations			6.10
Equipment:			
3010 Furniture, furnishings, and fixtures	200.00	175.00	321.20
3020 Educational, scientific, and recreational equipment	250.00	180.00	237.53
3040 Livestock		50.00	
3050 Other equipment	100.00	50.00	86.36
30 Total equipment	550.00	455.00	645.09
32 Structural improvements			225.00
		39,750.00	39,110.28
Unobligated balance			1,174.72
Reserve		250.00	
Total	48,000.00	40,000.00	40,285.00

For all necessary expenses for enforcing the provisions of the migratory bird treaty act of July 3, 1918, [(Fortieth Statutes at Large, page 755)] and for cooperation with local authorities in the protection of migratory birds, and for necessary investigations connnected therewith, [$158,000] *$163,000*: *Provided*, That of this sum not more than $20,500 may be used for the enforcement of sections 241, 242, 243, and 244 of the act approved March 4, 1909, entitled "An act to codify, revise, and amend the penal laws of the United States," and for the enforcement of section 1 of the act approved May 25, 1900, entitled "An act to enlarge the powers of the Department of Agriculture, prohibit the transportation by interstate commerce of game killed in violation of local laws, and for other purposes," including all necessary investigations in connection therwith (*U. S. C., p. 56, secs. 511, 512; p. 434, secs. 671, 673; pp. 436, 437, secs. 701, 703–711; act Jan. 18, 1927, vol. 44, pp. 994, 995*) $163,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 4, $3,800 to $5,000; average, $4,400— Biologist	2	$3,900	2	$3,900	1.8	$3,800
Grade 3, $3,000 to $3,600; average, $3,300— Associate biologist	1	3,300	1	3,300	1	3,150
Grade 2, $2,400 to $3,000; average, $2,700— Assistant biologist	0.1	2,700	0.1	2,700	0.1	2,700
Clerical, administrative, and fiscal service—						
Grade 12, $5,200 to $6,000; average, $5,600— Senior administrative officer (chief of division)	1	5,200	1	5,200	1	5,200
Grade 11, $3,800 to $5,000; average, $4,400— Administrative officer	1	4,000	1	4,000	1	3,675
Grade 9, $3,000 to $3,600; average, $3,300— Senior administrative assistant	1	3,500	1	3,500	1	3,500
Grade 8, $2,700 to $3,300; average, $3,000— Administrative assistant	1	2,900	1	2,900	1	2,750
Grade 7, $2,400 to $3,000; average, $2,700— Junior administrative assistant	2	2,500	2	2,500	2	2,475
Grade 4, $1,680 to $2,040; average, $1,860— Clerk	1	1,920	1	1,920	1	1,890
Grade 3, $1,500 to $1,860; average, $1,680— Assistant clerk	2.4	1,583	2.4	1,583	3	1,610
Grade 2, $1,320 to $1,680; average, $1,500— Junior clerk	5	1,500	5	1,500	4	1,485
Total average number of employees	17.5		17.5		16.9	
Total salaries, departmental service		45,291.00		45,291.00		42,808.07
Field service:						
Salaries and wages—						
Salary range, $3,000 to $3,600; average, $3,300— Associate biologist					0.2	3,300
Salary range, $2,100 to $2,700; average, $2,400—						
United States game warden	24.5	2,272	23.5	2,272	23.8	2,188
Marine pilot and engineer	1.5	2,041	1.5	2,041	1	2,100
Inspector (of quail)	0.6	2,400	0.6	2,400	0.4	2,400
Salary range, $1,860 to $2,400; average, $2,111.42— Junior biologist	0.5	1,860	0.5	1,860	0.3	1,860

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Bureau of Biological Survey—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Field service—Continued.			
Salaries and wages—Continued.			
Salary range, $1,140 to $1,500; average, $1,320—	*Average—*	*Average—*	*Average—*
Inspector	*No.* 1 *Salary* $1,500	*No.* 1 *Salary* $1,500	*No.* 1.1 *Salary* $1,500
Total average number of regular employees	28.1	27.1	26.8
Total salaries, regular employees	62,592.00	60,492.00	57,946.39
Temporary employees at salaries ranging from $3.50 to $5 per day	2	2	4
Total salaries and wages, temporary employees	2,760.00	2,060.00	4,628.40
Total number of employees	30.1	29.1	30.8
Total salaries and wages, field service	65,352.00	62,552.00	62,574.79
The difference between 1929 and 1928 is due to increase in force, $2,800.			
01 Total personal services	110,643.00	107,843.00	105,382.86
Supplies and materials:			
0200 Stationery and office supplies	529.00	529.00	633.43
0220 Scientific supplies	804.00	804.00	803.66
0230 Fuel	75.00	75.00	76.79
0270 Powder, projectiles, explosives, etc			15.40
0280 Sundry supplies	300.00	300.00	194.65
02 Total supplies and materials	1,708.00	1,708.00	1,723.93
04 Storage and care of boats	200.00	200.00	202.00
Communication service:			
0500 Telegraph service	387.00	387.00	561.10
0510 Telephone service	753.50	753.50	735.27
0520 Other communication service	29.50	29.50	97.56
05 Total communication service	1,170.00	1,170.00	1,393.93
Travel expenses:			
0615 Transportation	28,133.22	25,433.22	25,780.02
0616 Subsistence	18,823.39	16,823.39	16,376.93
06 Total travel expenses	46,956.61	42,256.61	42,156.95
07 Transportation of things	435.00	435.00	770.21
08 Printing, binding, and engraving			26.50
12 Repairs and alterations			57.54
13 Special and miscellaneous current expenses	304.00	304.00	489.55
Equipment:			
3010 Furniture, furnishings, and fixtures	390.00	390.00	786.29
3020 Scientific equipment	190.00	190.00	307.48
3050 Other equipment	1,003.39	1,003.39	5,959.44
30 Total equipment	1,583.39	1,583.39	7,053.21
Unobligated balance		155,500.00	159,256.68
Reserve		2,500.00	2,181.32
Total	163,000.00	158,000.00	161,438.00

For investigations, experiments, and demonstrations for the welfare, improvement, and increase of the reindeer industry in Alaska, including the erection of necessary buildings and other structures and cooperation with the Bureau of Education, and for all expenses necessary for the enforcement of the provisions of the Alaska game law, approved January 13, 1925, (*U. S. C., p. 56, secs. 511, 512; p. 434, secs. 671, 673; pp. 436, 437, secs. 701, 703–711; act Jan. 18, 1927, vol. 44, pp. 994, 995*) $100,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Departmental service:			
Salaries—			
Professional and scientific service—	*Average—*	*Average—*	*Average—*
Grade 5, $5,200 to $6,000; average, $5,600—	*No.* *Salary*	*No.* *Salary*	*No.* *Salary*
Associate chief			0.2 $5,800
Grade 4, $3,800 to $5,000; average, $4,400—			
Biologist	0.3 $3,800	0.3 $3,800	0.1 3,800
Clerical, administrative, and fiscal service—			
Grade 9, $3,000 to $3,600; average, $3,300—			
Senior administrative assistant			0.2 3,000
Total average number of employees	0.3	0.3	0.5
Total salaries, departmental service	1,267.00	1,267.00	2,061.10

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Bureau of Biological Survey—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Field service:			
	Salaries and wages—	*Average—*	*Average—*	*Average—*
		No. *Salary*	*No.* *Salary*	*No.* *Salary*
	Salary range, $3,800 to $5,000; average, $4,400—			
	Biologist in charge	1 $4,500	1 $4,500	1 $4,500
	Executive Officer (Alaska Game Commission)	1 4,000	1 4,000	1 4,000
	Salary range, $3,000 to $3,600; average, $3,300—			
	Assistant range examiner	1.7 3,150	1 3,300	1 3,150
	Associate biologist		0.5 3,000	0.2 3,300
	Technical assistant	0.1 3,000	0.1 3,000	
	Salary range, $2,400 to $3,000; average, $2,700—			
	Assistant to executive officer (Alaska Game Commission)	1 2,800	1 2,800	1 2,750
	Chief Clerk (Alaska Game Commission)	1 2,500	1 2,500	1 2,400
	Field Assistant		0.3 2,700	
	Salary range, $2,100 to $2,700; average, $2,400—			
	Warden	8 2,200	8 2,200	5.2 2,200
	Captain	2 2,400	2 2,400	2 2,330
	Salary range, $1,860 to $2,400; average, $2,111.42—			
	Senior clerk-stenographer	2 2,100	2 2,100	1.2 2,140
	Salary range, $1,680 to $2,040; average, $1,860—			
	Engineer	1 1,800	1 1,800	1 1,883
	Salary range, $1,140 to $1,500; average, $1,320—			
	Alaska Game Commissioner	1 1,500	1 1,500	0.4 1,500
	Salary range, $900 to $1,140; average, $1,020—			
	Alaska Game Commissioner	1.1 900	1.1 900	0.5 900
	Total average number of regular employees	20.9	21	15.5
	Total salaries, regular employees	50,920.00	60,920.00	38,522.38
	Temporary employees at salaries ranging from $60 to $2,400 per annum	3	3	7
	Total salaries and wages, temporary employees	3,500.00	3,500.00	7,800.47
	Total number of employees	23.9	24	22.5
	Total salaries and wages, field service	54,420.00	54,420.00	46,322.85
	Deduct allowance for quarters	100.00	100.00	100.00
	Cash payment, salaries and wages	54,320.00	54,320.00	46,222.85
	Deduct expenditures for personal services included in objects named below	600.00	1,600.00	778.85
	Net salaries and wages, field service	53,720.00	52,720.00	45,444.00
01	Total personal services	54,987.00	53,987.00	47,505.10
	Supplies and materials:			
0200	Stationery and office supplies	600.00	600.00	1,099.12
0220	Scientific supplies	50.00	50.00	55.60
0230	Fuel	300.00	300.00	217.75
0250	Forage and other supplies for animals	5,900.00	4,900.00	2,480.97
0270	Powder, projectiles, explosives, etc			9.80
0280	Sundry supplies	1,200.00	1,200.00	1,417.53
02	Total supplies and materials	8,050.00	7,050.00	5,280.77
	Communication service:			
0500	Telegraph service	100.00	100.00	196.45
0510	Telephone service	95.00	95.00	99.65
0520	Other communication service			1.45
05	Total communication service	195.00	195.00	297.55
	Travel expenses:			
0615	Transportation	10,738.00	9,208.00	8,530.31
0616	Subsistence	13,125.00	11,880.00	9,659.32
06	Total travel expenses	23,863.00	21,088.00	18,189.63
07	Transportation of things	525.00	525.00	1,006.75
08	Printing and binding	900.00	900.00	905.80
10	Furnishing of light, heat, and power	125.00	125.00	116.19
11	Rents	1,990.00	1,990.00	2,276.75
12	Repairs and alterations			10.52
13	Special and miscellaneous current expenses			7.55
	Equipment:			
3010	Furniture, furnishings, and fixtures	515.00	490.00	356.26
3020	Scientific equipment	1,000.00	500.00	607.05
3050	Other equipment	5,250.00	5,050.00	7,115.67
30	Total equipment	6,765.00	6,040.00	8,078.98
3210	Structures	2,000.00	4,000.00	2,558.75
	Add indirect expenditures deducted from other objects	600.00	1,600.00	778.85
32	Total structures	2,600.00	5,600.00	3,337.60
			97,500.00	87,013.19
	Unobligated balance			2,986.81
	Reserve		2,500.00	
	Total	100,000.00	100,000.00	90,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Salaries and Expenses, Bureau of Biological Survey—Continued.					
ENFORCEMENT OF ALASKA GAME LAW					
Field service:					
Salaries and wages—					
01 Temporary employees, at $3.50 per day			$3.50		
04 Storage and care of boats			8.40		
Communication service:					
0500 Telegraph service			3.49		
0510 Telephone service			7.50		
0520 Other communication service			1.00		
05 Total communication service			11.99		
Travel expenses:					
0615 Transportation			349.95		
0616 Subsistence			292.60		
06 Total travel expenses			642.55		
07 Transportation of things (service)			346.32		
09 Advertising			17.76		
30 Equipment			8,774.46		
Total			9,804.98		
In all, salaries and expenses				$1,038,500.00	$1,005,020.00
Upper Mississippi River Wild Life Refuge— For the acquisition of areas of land or land and water pursuant to the act entitled "An act to establish the Upper Mississippi River Wild Life and Fish Refuge," approved June 7, 1924, and amendment thereto approved March 4, 1925, and for all necessary expenses incident thereto, including the employment of persons and means in the city of Washington and elsewhere, [$5,000] *$1,000, which shall be available until expended*, being part of the sum of $1,500,000 authorized to be appropriated for such purpose by section 10 of said act; and for all necessary expenses of the Secretary of Agriculture authorized by section 9 of said act, [$25,000] *$39,000*; in all, [$30,000] *$40,000* [, which shall be available until expended]: *Provided*, That the Secretary of Agriculture may incur obligations and enter into contracts for the acquisition of additional areas to an amount which, inclusive of the amounts heretofore and herein appropriated, shall not exceed a total of $1,500,000, and such contracts shall be deemed contractual obligations of the Federal Government (*U. S. C., pp. 437–438, secs. 721–731*)				40,000.00	30,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average*—		*Average*—		*Average*—	
Grade 4, $3,800 to $5,000; average, $4,400—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Biologist	0.3	$4,600	0.3	$4,600	0.3	$4,500
Clerical, administrative, and fiscal service—						
Grade 10, $3,300 to $3,900; average, $3,600—						
Junior administrative officer					0.3	3,600
Grade 9, $3,000 to $3,600; average $3,300—						
Senior administrative assistant					0.3	3,500
Grade 5, $1,860 to $2,400; average $2,111.42—						
Senior clerk	0.4	2,100	0.4	2,100	0.1	2,100
Grade 3, $1,500 to $1,860; average $1,680—						
Assistant clerk	0.5	1,560	0.5	1,560		
Total average number of employees	1.2		1.2		1	
Total salaries, departmental service		3,013.00		3,013.00		3,674.96
Field service:						
Salaries and wages:						
Salary range, $3,800 to $5,000; average, $4,400—						
Supervisor	1	4,800	1	4,800	1	4,700
Land valuation engineer			1	4,200	1	4,100
Attorney			1	4,000	1	3,827
Salary range, $2,400 to $3,000; average, $2,700—						
Land valuation assistant			2	2,400	2	2,400
Senior legal assistant			1	2,400	0.3	2,400
Field assistant					0.1	2,400
Salary range, $1,860 to $2,400; average, $2,111.42—						
Senior clerk			1	2,400	1	2,300
Junior forester			2	1,860	2	1,860
Transitman			1	1,860	1	1,860
Field assistant	0.2	1,860	0.2	1,860	0.2	1,860

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Upper Mississippi River Wild Life Refuge—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Field service—Continued.			
Salaries and wages—Continued.	*Average—*	*Average—*	*Average—*
Salary range, $1,680 to $2,040; average, $1,860—	*No.* *Salary*	*No.* *Salary*	*No.* *Salary*
Reservation ranger	4 $1,680	2 $1,680	0.3 $1,680
Engineer	1 1,680	1 1,680	
Salary range, $1,500, to $1,860; average, $1,680—			
Assistant clerk-stenographer		1 1,500	1 1,395
Salary range, $1,320 to $1,680; average, $1,500—			
Junior stenographer	2 1,470	5 1,384	2.2 1,339
Total average number of regular employees	8.2	19.2	13.1
Total salaries, regular employees	16,605.00	42,085.00	31,578.38
Temporary employees at salaries ranging from $3 to $5 per day	5	3	1
Total salaries and wages, temporary employees	3,600.00	2,400.00	848.56
Total number of employees	13.2	22.2	14.1
Total salaries and wages, field service	20,205.00	44,485.00	32,426.94
The difference between 1929 and 1928 is due to decrease in force, $24,280.			
01 Total personal services	23,218.00	47,498.00	36,101.90
Supplies and materials:			
0200 Stationery and office supplies	150.00	300.00	327.82
0220 Scientific supplies	5.00	15.00	16.95
0250 Forage and other supplies for animals	60.00	60.00	7.20
0280 Sundry supplies	25.00	35.00	20.13
02 Total supplies and materials	240.00	410.00	372.10
04 Storage and care of motor vehicles			8.00
Communication service:			
0500 Telegraph service	75.00	125.00	92.03
0510 Telephone service	145.00	325.00	311.77
0520 Other communication service	7.00	10.00	11.18
05 Total communication service	227.00	460.00	414.98
Travel expenses:			
0615 Transportation	4,100.00	9,535.00	4,915.58
0616 Subsistence	3,955.00	8,500.00	4,388.57
06 Total travel expenses	8,055.00	18,035.00	9,304.15
07 Transportation of things (service)	220.00	300.00	237.48
08 Photographing and photographs and prints			100.51
13 Special and miscellaneous current expenses	200.00	501.72	39.66
Equipment:			
3010 Furniture, furnishings, and fixtures	200.00	400.00	1,862.00
3020 Scientific equipment	50.00	130.00	620.11
3050 Other equipment	4,440.00	5,026.64	19,152.76
30 Total equipment	4,690.00	5,556.64	21,634.87
31 Lands and interest in lands	1,000.00	167,973.77	14,617.62
32 Structural improvements	2,150.00	950.00	
		241,685.13	
Reserve		100,250.00	
Total	40,000.00	341,935.13	82,831.27

NOTE.—Only the personnel engaged in the administration of the refuges is shown for 1929, as the amount estimated for the acquisition of land is but $5,000; $100,000 has been reserved from available funds in the fiscal year 1928 for use in meeting expenses under the land acquisition work during the fiscal year 1929, and the personnel engaged in this work will be paid from this source. The estimated expenditures for 1928 include $311,935.13 unobligated balances from the fiscal year 1926. The expenditures for 1927 include $57,831.27 carried forward from previous fiscal years.

Total, Bureau of Biological Survey, [$1,035,020] *$1,078,500*, of which amount not to exceed [$207,000] *$211,000* may be expended for departmental personal services in the District of Columbia	$1,078,500.00	$1,035,020.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
BUREAU OF PUBLIC ROADS		
Salaries and Expenses, Bureau of Public Roads—		
For the following expenses, including salaries and the employment of labor in the city of Washington and elsewhere, supplies, office fixtures, apparatus, traveling, and all other necessary expenses, for conducting investigations and experiments, and for collating, reporting, and illustrating the results of same, and for preparing, publishing, and distributing bulletins and reports, in addition to any moneys available from the funds provided under the act of July 11, 1916, as amended (*U. S. C., p. 56, secs. 511, 512; p. 667, sec. 15; p. 1021, sec. 686; act Jan. 18, 1927, vol. 44, pp. 996, 997*):		
For necessary expenses for general administrative purposes, including the salary of chief of bureau and other personal services in the District of Columbia, [$67,380] (*U. S. C., p. 56, secs. 511, 512; p. 667, sec. 15; p. 1021, sec. 686; act Jan. 18, 1927, vol. 44, pp. 996, 997*)-------	$64,530.00	

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 7, $7,500 and over—						
Chief of bureau	1	$7,500	1	$7,500	0.3	$7,500
Grade 6, $6,000 to $7,500; average, $6,750—						
Chief of bureau					0.7	7,000
Grade 5, $5,200 to $6,000; average $5,600—						
Senior highway engineer					1	5,600
Grade 1, $1,860 to $2,400, average, $2,111.42—						
Junior highway engineer					0.9	2,200
Junior highway economist					0.2	2,200
Clerical, administrative, and fiscal service—						
Grade 11, $3,800 to $5,000; average, $4,400—						
Administrative officer					1	3,800
Grade 7, $2,400 to $3,000; average $2,700—						
Assistant administrative officer	2	3,000	2	3,000	2	3,000
Junior administrative assistant					1	2,500
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	1	2,700	1	2,700	2.6	2,328
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk					3.5	2,029
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	3	1,980	3	1,980	5	1,878
Grade 3, $1,500 to $1,860; average, $1,680—						
Senior operator					1	1,560
Assistant clerk	1	1,680	1	1,680	3	1,660
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	2	1,680	4	1,545	2.8	1,194
Grade 1, $1,140 to $1,500; average, $1,320—						
Telephone operator	1	1,500	1	1,500	1	1,440
Underclerk	6	1,200	6	1,200	1	1,140
Custodial service—						
Grade 8, $1,860 to $2,400; average, $2,111.42—						
Senior custodian (mechanic)	1	2,400	1	2,400	1	2,400
Grade 7, $1,680 to $2,040; average, $1,860—						
Custodian (mechanic)	1	1,920	1	1,920	1	1,920
Grade 4, $1,140 to $1,500; average, $1,320—						
Laborer					0.1	1,440
Grade 3, $1,020 to $1,260; average, $1,140—						
Minor custodian (laborer)	1	1,260	1	1,260	1	1,260
Minor custodian (mechanic fireman)	1.5	1,080	1.5	1,080	0.5	1,020
Senior laborer	3	1,080	3	1,080		
Messenger	2	1,050	2	1,050		
Grade 2, $900 to $1,140; average, $1,020—						
Office laborer	5	1,068	5	1,068		
Assistant messenger	1	900	1	900		
Office laborer (charwomen) 40 cents per hour	14	470	14	470		
Grade 1, $600 to $780; average, $690—						
Junior messenger	4	600	4	600		
Total average number of employees	50.5		52.5		30.6	
01 Total salaries, departmental service		63,680.00		66,500.00		68,686.11
The difference between 1929 and 1928 is due to decrease in force, $2,820.						
02 Sundry supplies		850.00		380.00		
				66,880.00		68,686.11
Unobligated balance						542.13
Reserve				500.00		
Total		64,530.00		67,380.00		69,228.24

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Salaries and Expenses, Bureau of Public Roads—Continued. For inquiries in regard to systems of road management and economic studies of highway construction, operation, maintenance, and value, either independently or in cooperation with the State highway departments and other agencies, and for giving expert advice on these subjects, [$65,500] (*U. S. C., p. 56, secs. 511, 512; p. 667, sec. 15; p. 1021, sec., 686; act Jan. 18 1927, vol. 44, pp. 996, 997*)	$62,060.00	

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 5, $5,200 to $6,000; average, $5,600—						
Senior highway economist	1	$5,600	1	$5,600	0.3	$5,600
Grade 4, $3,800 to $5,000; average, $4,400—						
Highway economist	1	4,200	1	4,200	0.3	4,000
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate highway economist	3	3,167	3	3,167	0.4	3,483
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant highway economist	1	2,400	1	2,400	1.9	2,679
Grade 1, $1,860 to $2,400; average, $2,111.42—						
Junior highway economist	1	1,860	1	1,860	0.5	2,200
Clerical, administrative, and fiscal service—						
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	1	2,100	1	2,100	0.9	2,100
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	1	1,500	1	1,500	3	1,500
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	9	1,440	9	1,440	7.8	1,383
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk					1.1	1,140
Total average number of employees	18		18		16.2	
Total salaries, departmental service		40,120.00		40,120.00		29,354.11
Field service:						
Salaries and wages—						
Salary range, $3,300 to $3,900; average, $3,600—						
Agent research assistant					0.8	3,600.00
Salary range, $2,400 to $3,000; average, $2,700—						
Agent research assistant					1.5	2,677.00
Salary range, $1,500 to $1,860, average, $1,680—						
Agent traffic recorder					5.6	1,589.00
Total averager number of regular employees					7.9	
Total salaries, field service						15,647.87
Temporary employees	9		10		0.1	
Total wages, temporary employees		11,210.00		12,650.00		62.00
Total number of employees	9		10		8	
Total salaries and wages, field service		11,210.00		12,650.00		15,709.87
The difference between 1929 and 1928 is due to decrease in temporary force, $1,440.						
01 Total personal services		51,330.00		52,770.00		45,063.98
Supplies and materials:						
0200 Stationery and office supplies		350.00		350.00		131.34
0220 Scientific and educational supplies		4,005.00		1,005.00		9,951.80
0280 Sundry supplies		200.00		200.00		586.46
02 Total supplies and materials		4,555.00		1,555.00		10,669.60
04 Subsistence and care of animals and storage and care of vehicles						39.00
Communication service:						
0500 Telegraph service		125.00		125.00		35.00
0510 Telephone service		25.00		25.00		.05
05 Total communication service		150.00		150.00		35.05
Travel expenses:						
0615 Transportation		2,600.00		2,600.00		990.22
0616 Subsistence		2,500.00		2,500.00		920.95
06 Total travel expenses		5,100.00		5,100.00		1,911.17
07 Transportation of things (service)		25.00		25.00		26.24
11 Rents		900.00		900.00		880.83
				60,500.00		58,625.87
Add amounts transferred to the War Department (military surveys and maps)				3,000.00		7,182.76
Unobligated balance						2,004.45
Reserve				2,000.00		
Total		62,060.00		65,500.00		67,813.08

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Salaries and Expenses, Bureau of Public Roads—Continued. For investigations of the best methods of road making, especially by the use of local materials; for studying the types of mechanical plants and appliances used for road building and maintenance; for studying methods of road repair and maintenance suited to the needs of different localities; for maintenance and repairs of experimental highways, including the purchase of materials and equipment; for furnishing expert advice on these subjects; and for the employment of assistants and labor, [$80,000] (*U. S. C., p. 56, secs. 511, 512; p. 667, sec. 15; p. 1021, sec. 686; act Jan. 18, 1927, vol. 44, pp. 996, 997*)	$70,000.00	

	Estimated expenditures, 1929 appropriations		Estimated expenditures, 1928 appropriations		Expended and obligated, 1927	
	Average— *No.*	*Salary*	*Average—* *No.*	*Salary*	*Average—* *No.*	*Salary*
Departmental service:						
Salaries—						
Professional and scientific service—						
Grade 4, $3,800 to $5,000; average, $4,400—						
Highway research specialist	0.1	$4,000	0.1	$4,000	0.1	$4,000
Highway engineer	1	4,200	1	4,200	1	3,900
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate economic geologist	1	3,500	1	3,500	1	3,500
Subprofessional service—						
Grade 7, $2,100 to $2,700; average, $2,400—						
Principal model maker					0.1	2,400
Grade 4, $1,500 to $1,860; average, $1,680—						
Assistant scientific aid	0.1	1,680	0.1	1,680	0.1	1,680
Clerical, administrative, and fiscal service—						
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior Clerk	1	1,320	1	1,320		
Total average number of employees	3.2		3.2		2.3	
Total salaries, departmental service		9,588.00		9,588.00		8,179.37
Field service:						
Salaries and wages—						
Salary range, $5,200 to $6,000; average, $5,600—						
Agent research consultant	0.4	5,800	0.4	5,800	0.4	5,800
Senior highway engineer	0.1	4,500	0.1	4,500	0.1	4,500
Highway engineer	0.1	4,600	0.1	4,600		
Salary range, $3,000 to $3,600; average, $3,300—						
Associate engineer of tests	1.2	3,250	1.2	3,250	1.2	3,200
Associate highway engineer	0.3	3,500	0.3	3,500	0.3	3,400
Associate research specialist	1	3,000	1	3,000		
Salary range, $2,400 to $3,000; average, $2,700—						
Superintendent of road construction	1	2,800	1	2,800	1	2,800
Assistant research specialist					1	2,800
Assistant materials engineer	0.1	2,400	0.1	2,400	0.1	2,400
Assistant mechanical engineer	0.2	2,500	0.2	2,500	0.1	2,400
Salary range, $2,100 to $2,700; average, $2,400—						
Principal laboratory mechanic	0.3	2,400	0.3	2,400	0.3	2,300
Agent research assistant	2	2,300	2	2,300	1.5	2,200
Agent research engineer	1	2,125	1	2,125	1	2,125
Salary range, $1,860 to $2,400; average $2,111.42—						
Junior chemical engineer	1	2,100	1	2,100	0.9	2,000
Junior civil engineer	1	1,860	1	1,860	0.4	1,860
Senior draftsman	0.1	1,860	0.1	1,860	0.1	2,400
Senior laboratory mechanic	0.4	2,100	0.4	2,100	0.4	2,100
Senior scientific aid	0.1	1,920	0.1	1,920	0.1	1,920
Senior engineering aid	1	1,860	1	1,860	0.5	1,860
Senior mechanical draftsman	0.3	1,860	0.3	1,860	0.5	1,860
Salary range $1,680 to $2,040; average $1,860—						
Mechanic	0.6	1,880	0.6	1,880	0.6	1,860
Engineering aid	1	1,980	1	1,980	1	1,920
Salary range, $1,500 to $1,860; average, $1,680—						
Agent research assistant					0.9	1,620
Assistant draftsman					0.1	1,680
Assistant scientific aid					1.5	1,620
Salary range, $1,320 to $1,680; average, $1,500—						
Junior draftsman					0.1	1,680
Junior laboratory mechanic	0.1	1,320	0.1	1,320	0.1	1,320
Salary range, $1,140 to $1,500; average, $1,320—						
Assistant foreman of laborers	1	1,380	1	1,380	1	1,320
Salary range, $1,020 to $1,260, average, $1,140—						
Minor scientific helper	0.3	1,080	0.3	1,080	0.1	1,200
Junior laborer					0.2	1,020
Total average number of regular employees	14.6		14.6		15.5	
Total salaries, regular employees		34,575.00		34,575.00		33,867.71
Temporary employees	7.5		10		10.5	
Total wages, temporary employees		8,500.00		12,000.00		13,763.36
Total number of employees	22.1		24.6		26	
Total salaries and wages, field service		43,075.00		46,575.00		47,631.07
The difference between 1929 and 1928 is due to decrease in temporary force, $3,500.						
01 Total personal services		52,663.00		56,163.00		55,810.44
Supplies and materials:						
0200 Stationery and office supplies		100.00		100.00		118.51
0220 Scientific and educational supplies		125.00		125.00		125.41
0230 Fuel		1,000.00		1,000.00		1,036.76
0280 Sundry supplies		8,322.00		12,322.00		15,414.62
02 Total supplies and materials		9,547.00		13,547.00		16,695.33
04 Subsistence and care of animals and storage and care of vehicles		750.00		750.00		718.91
05 Communication service (telegraph)		15.00		15.00		1.75

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Bureau of Public Roads—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Travel expenses:			
0615	Transportation	$2,200.00	$2,200.00	$2,156.08
0616	Subsistence	2,300.00	2,300.00	2,269.35
06	Total travel expenses	4,500.00	4,500.00	4,425.43
07	Transportation of things (service)	500.00	500.00	495.12
	Printing and binding:			
0820	Stenography and typewriting			19.85
0830	Photographing and making photographs and prints	25.00	25.00	4.62
08	Total printing and binding	25.00	25.00	24.47
10	Furnishing of heat, light, power, water, and electricity	450.00	450.00	447.21
11	Rents	1,000.00	1,000.00	1,119.10
	Equipment:			
3010	Furniture, furnishings, and fixtures	100.00	100.00	70.54
3020	Educational, scientific, and recreational equipment	300.00	300.00	295.83
3050	Other equipment	150.00	150.00	141.72
30	Total equipment	550.00	550.00	508.09
			77,500.00	80,245.85
	Unobligated balance			2,705.15
	Reserve		2,500.00	
	Total	70,000.00	80,000.00	82,951.00

For investigating and reporting upon the utilization of water in farm irrigation, including the best methods to apply in practice; the different kinds of power and appliances; the flow of water in ditches, pipes, and other conduits; the duty, apportionment, and measurement of irrigation water, the customs, regulations, and laws affecting irrigation; for investigating and reporting upon farm drainage and upon the drainage of swamp and other wet lands which may be made available for agricultural purposes; for preparing plans for the removal of surplus water by drainage; for the development of equipment for farm irrigation and drainage and for giving expert advice and assistance; for field experiments and investigations and the purchase and installation of equipment for experimental purposes; for the preparation and illustration of reports and bulletins; for investigating arm domestic water supply and drainage disposal, the construction of farm buildings and other rural engineering problems involving mechanical principles, including the erection of such structures outside of the District of Columbia as may be necessary for experimental purposes only; for rent outside the District of Columbia; the employment of assistants and labor in the city of Washington and elsewhere; and for supplies and all other necessary expenses (*U. S. C., p. 56, secs. 511, 512; p. 667, sec. 15; p. 1021, sec. 686; act Jan. 18, 1927, vol. 44, pp. 996, 997*)—$244,290.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 5, $5,200 to $6,000; average, $5,600—						
Senior drainage engineer	1	$5,800	1	$5,800	0.9	$5,600
Grade 4, $3,800 to $5,000; average, $4,400—						
Drainage engineer	3	4,200	3	4,200	3	4,167
Architect	1	4,000	1	4,000	1	4,000
Agricultural engineer	2	3,800	2	3,800	0.6	4,000
Electrical engineer	1	4,000	1	4,000	1	3,800
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate refrigeration technician	1	3,500	1	3,500	1	3,500
Associate agricultural engineer	2	3,250	2	3,250	2	3,125
Associate hydraulic engineer	1	3,100	1	3,100	1	3,100
Associate drainage engineer	1	3,200	1	3,200	1	3,100
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant mechanical engineer	2	2,600	2	2,600	2	2,500
Assistant irrigation engineer	1	2,500	1	2,500	1	2,500
Grade 1, $1,860 to $2,400; average, $2,111.42—						
Junior agricultural engineer	1	1,860	1	1,860	0.1	1,860

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Bureau of Public Roads—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average— No.	Salary	Average— No.	Salary	Average— No.	Salary
Departmental service—Continued.						
Salaries—Continued.						
Subprofessional service—						
Grade 7, $2,100 to $2,700; average, $2,400—						
Principal draftsman	1	$2,660	1	$2,660	1.1	$2,453
Principal engineering draftsman	1	2,100	1	2,100	0.2	2,100
Grade 6, $1,860 to $2,400; average, $2,111.42—						
Senior laboratory mechanic	1	2,300	1	2,300	1	2,300
Senior engineering aid	1	2,100	1	2,100	1	2,100
Senior scientific illustrator					0.3	1,860
Grade 4, $1,500 to $1,860; average, $1,680—						
Assistant draftsman	1	1,620	1	1,620	1	1,620
Clerical, administrative, and fiscal service—						
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	2	1,860	2	1,860	1.8	1,816
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	2	1,680	2	1,680	2	1,680
Senior typist	1	1,440	1	1,440	1	1,440
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	4	1,455	2	1,500	3.2	1,449
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	1	1,200	1	1,200	1	1,140
Custodial Service—						
Grade I, $600 to $780; average, $690—						
Junior messenger	1	600	1	600		
Total average number of employees	33		31		28.2	
Total salaries, departmental service		86,612.00		83,900.00		74,637.23
The difference between 1929 and 1928 is due to increase in force, $2,712.						
Field service:						
Salaries and wages—						
Salary range $5,200 to $6,000; average, $5,600—						
Senior agricultural engineer	0.7	5,200	0.7	5,200	0.6	5,475
Senior irrigation engineer	2	5,300	2	5,300	2	5,225
Salary range, $3,800 to $5,000; average, $4,400—						
Agricultural engineer	1	4,600	1	4,600	1	4,600
Irrigation engineer	4.1	4,000	4.1	4,000	4	3,924
Drainage engineer	3	4,067	3	4,067	3	4,033
Salary range, $3,000 to $3,600; average, $3,300—						
Associate irrigation economist	2	3,200	2	3,200	2	3,150
Associate irrigation engineer	5	3,160	5	3,160	5	3,130
Associate drainage engineer	2	3,050	2	3,050	3.4	3,067
Associate agricultural engineer	2	3,000	2	3,000	1	3,000
Associate mechanical engineer	1.1	3,000	1.1	3,000	1.2	3,000
Salary range, $2,400 to $3,000; average, $2,700—						
Agent (irrigation engineer)					0.3	2,700
Agent	0.8	2,400	0.8	2,400	0.6	2,400
Assistant drainage engineer	2.5	2,440	2.5	2,440	1	2,400
Assistant marketing specialist					0.3	2,400
Assistant irrigation engineer	1	2,400	1	2,400		
Assistant agricultural engineer			1	2,400		
Salary range, $2,100 to $2,700; average, $2,400—						
Principal mechanic	1	2,200	1	2,200	1	2,200
Salary range, $1,860 to $2,400, average $2,111.42—						
Junior irrigation engineer	1	2,000	1	2,000	1.5	2,006
Junior agricultural engineer	1	2,000	1	2,000	1	1,860
Junior drainage engineer	3	2,040	3	2,040	4	2,016
Agent	1	1,900	1	1,900	1.4	1,884
Salary range, $1,680 to $2,040; average, $1,860—						
Clerk	1	1,740	1	1,740	1	1,740
Associate valuation engineer					0.2	1,680
Salary range, $1,500 to $1,860; average, $1,680—						
Assistant clerk	1	1,620	1	1,620	1	1,560
Salary range, $1,320 to $1,680, average, $1,500—						
Stenographer and typist	0.3	1,440	0.3	1,440		
Junior clerk	1	1,440	1	1,440	0.8	1,417
Collaborator	0.4	1,440	0.4	1,440	0.3	1,440
Total average number of regular employees	37.9		38.9		37.6	
Total salaries, regular employees		115,425.00		117,966.00		112,621.17
Temporary employees	2		2.8		5.5	
Total wages, temporary employees		2,404.00		3,224.00		6,535.55
Total number of employees	39.9		41.7		43.1	
Total salaries and wages, field service		117,829.00		121,190.00		119,156.72
The difference between 1929 and 1928 is due to—						
Decrease in regular force	$2,541					
Decrease in wages	820					
Total decrease	3,361					
01 Total personal services		204,441.00		205,090.00		193,793.95
Supplies and materials:						
0200 Stationery and office supplies		900.00		900.00		945.52
0220 Scientific and educational supplies		1,200.00		1,200.00		1,435.80
0230 Fuel		200.00		100.00		91.02
0280 Sundry supplies		2,500.00		2,500.00		3,354.89
02 Total supplies and materials		4,800.00		4,700.00		5,827.23
04 Subsistence and care of animals and storage and care of vehicles		3,500.00		3,500.00		2,642.11

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Bureau of Public Roads—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Communication service:			
0500	Telegraph service	$500.00	$500.00	$517.94
0510	Telephone service	500.00	500.00	510.19
0520	Other communication service	100.00	100.00	71.61
05	Total communication service	1,100.00	1,100.00	1,099.74
	Travel expenses:			
0615	Transportation	13,000.00	12,000.00	12,390.33
0616	Subsistence	11,000.00	10,000.00	10,401.65
06	Total travel expenses	24,000.00	22,000.00	22,791.98
07	Transportation of things (service)	800.00	800.00	862.68
	Printing and binding:			
0820	Stenography and typewriting			27.52
0830	Photographing and making photographs and prints	500.00	500.00	561.80
08	Total printing and binding	500.00	500.00	589.32
10	Furnishing of heat, light, power, water, and electricity	100.00	100.00	120.12
	Rents:			
1100	Rent of buildings and structures		100.00	110.00
1110	Other rents	100.00	100.00	153.68
11	Total rents	100.00	200.00	263.68
13	Special and miscellaneous current expenses			88.10
	Equipment:			
3000	Passenger-carrying vehicles	2,200.00	2,200.00	2,120.25
3010	Furniture, furnishings, and fixtures	900.00	900.00	1,535.67
3020	Educational, scientific, and recreational equipment			29.85
3050	Other equipment	1,849.00	1,200.00	2,891.13
30	Total equipment	4,949.00	4,300.00	6,576.90
				234,655.81
	Deduct amount received from Department of Interior			437.50
			242,290.00	234,218.31
	Unobligated balance			9,468.37
	Reserve		2,000.00	
	Total	244,290.00	244,290.00	243,686.68

[The Secretary of Agriculture is authorized to expend not to exceed $15,000 of the administrative fund provided by the Federal aid road act of July 11, 1916, as amended, for supervising the preparation, distribution, and use of picric acid, trinitrotoluol, trojan powder, and such other surplus war explosives as may be made available for agricultural purposes, independently or in cooperation with agricultural colleges and other agencies, and for investigating and reporting upon the results obtained from the use of the explosives: *Provided*, That expenditures hereunder shall be reimbursed to the administrative fund by charge to other Federal activities, agricultural colleges, or other agencies to which the explosives are distributed: *Provided further*, That hereafter, the Secretary of Agriculture is authorized upon the request of any branch of the Federal Government, to perform any engineering service in connection with the survey, construction, maintenance, or improvement of roads, payment of the salaries and expenses of employees so engaged and of the cost of transportation, repairs, and replacements of equipment and supplies of the Department of Agriculture used in such work to be made by transfer of funds in the manner provided by section 7 of the act approved May 21, 1920 (Forty-first Statutes, page 613.)]

Total, Bureau of Public Roads, [$457,170] *$440,880*, of which amount not to exceed [$206,000] *$200,000* may be expended for personal services in the District of Columbia	$440,880.00	$457,170.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
BUREAU OF AGRICULTURAL ECONOMICS		
Salaries and Expenses, Bureau of Agricultural Economics—		
For salaries and the employment of labor in the city of Washington and elsewhere, furniture, supplies, traveling expenses, rent outside of the District of Columbia, and all other expenses necessary in conducting investigations, experiments, and demonstrations, as follows (*U. S. C., p. 56, secs. 511, 512; p. 118, sec. 411; pp. 1895–1896, secs. 451–457; act Jan. 18, 1927, vol. 44, pp. 997, 998*):		
For necessary expenses for general administrative purposes, including the salary of chief of bureau and other personal services in the District of Columbia, [$271,750] (*U. S. C., p. 56, secs. 511, 512; p. 118, sec. 411; pp. 1895, 1896, secs. 451–457; act Jan. 18, 1927, vol. 44, pp. 997, 998*)	$268,000.00	

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average—		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Departmental service:						
Salaries—						
Professional and scientific service—						
Grade 7, $7,500 and over—						
Chief of bureau	1	$7,500	1	$7,500	0.3	$7,500
Grade 6, $6,000 to $7,500; average, $6,750—						
Chief of bureau					0.3	6,500
Assistant chief of bureau	1	6,000	1	6,000		
Grade 5, $5,200 to $6,000; average, $5,600—						
Assistant chief of bureau					0.7	5,381
Subprofessional service—						
Grade 6, $1,860 to $2,400; average, $2,111.42—						
Senior library assistant					1	1,890
Grade 5, $1,680 to $2,040; average, $1,860—						
Library assistant	1	1,860	1	1,860	1	1,800
Scientific illustrator	1	2,040	1	2,040		
Grade 4, $1,500 to $1,860; average, $1,680—						
Junior library assistant					4	1,560
Clerical, administrative, and fiscal service—						
Grade 12, $5,200 to $6,000; average, $5,600—						
Assistant chief of bureau	1	5,600	1	5,600	0.9	5,628
Business manager					0.5	5,000
Grade 11, $3,800 to $5,000; average, $4,400—						
Administrative officer	1	4,000	1	4,000	0.5	4,000
Grade 9, $3,000 to $3,600; average, $3,300—						
Administrative officer					0.5	3,600
Senior administrative assistant	1	3,300	1	3,300	1	3,200
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant	4	2,825	4	2,825	2.8	2,607
Assistant illustrator	1	2,500	1	2,500		
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	2	2,400	2	2,400	0.8	2,300
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	7	2,183	7	2,183	4.3	2,181
Senior photographer	1	2,100	1	2,100		
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	12	1,895	12	1,895	18.8	1,857
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	26	1,636	26	1,636	25.9	1,646
Assistant photographer	2	1,500	2	1,500	1.3	1,519
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	41	1,407	41	1,407	39.3	1,439
Junior photographer	1	1,320	1	1,320	0.6	1,320
Junior operator, office devices	1	1,440	1	1,440		
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	3	1,200	3	1,200	9.5	1,291
Underoperator, office devices					1	1,410
Custodial service—						
Grade 3, $1,020 to $1,260; average, $1,140—						
Senior laborer	6	1,140	6	1,140	6	1,135
Messenger	5	1,188	5	1,188	5	1,164
Grade 2, $900 to $1,140; average, $1,020—						
Junior laborer	13	983	13	983	12.8	987
Assistant messenger	3	900	3	900	5.3	1,023
Grade 1, $600 to $780; average, $690—						
Junior messenger	9	603	9	603	6.4	600
Part-time laborer	20	393	20	393	11.2	406
Total average number of regular employees	164		164		161.7	
Total salaries, regular employees		240,150.00		240,150.00		240,585.00
Temporary employees					1	116.94
Total number of employees	164		164		162.7	
Total salaries and wages, departmental service		240,150.00		240,150.00		240,701.94
Field service						
Salaries and wages—						
Salary range $1,680 to $2,040; average, $1,860—						
Assistant clerk	1	1,740	1	1,740		
Miscellaneous and temporary employees, at $300 to $5,000 per annum	5	1,500	5	1,500	1	288.96
Total average number of employees	6		6		1	
Total salaries and wages, field service		3,240.00		3,240.00		288.96
01 Total personal services		243,390.00		243,390.00		240,990.90

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Bureau of Agricultural Economics—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Supplies and materials:			
0200	Stationery and office supplies	$5,407.00	$5,407.00	$5,299.72
0206	Supplies for information work	750.00	500.00	472.25
0220	Scientific and educational supplies	500.00	500.00	382.31
0280	Sundry supplies	800.00	800.00	671.19
02	Total supplies and materials	7,457.00	7,207.00	6,825.47
	Communication service:			
0500	Telegraph service	500.00	500.00	219.09
0510	Telephone service	1,300.00	1,300.00	1,317.45
0520	Other communication service	50.00	50.00	49.75
05	Total communication service	1,850.00	1,850.00	1,586.29
	Travel expenses:			
0615	Transportation service	2,700.00	3,200.00	2,781.95
0616	Subsistence	1,200.00	1,700.00	1,255.32
06	Total travel expenses	3,900.00	4,900.00	4,037.27
07	Transportation of things	2,200.00	2,200.00	1,695.63
12	Repairs and alterations	2,800.00	2,800.00	2,715.57
13	Special and miscellaneous current expenses	990.00	990.00	986.42
	Equipment:			
3010	Furniture, furnishings, and fixtures	4,563.00	4,563.00	5,045.67
3020	Educational, scientific, and recreational equipment	800.00	800.00	826.08
3050	Other equipment	50.00	50.00	48.37
30	Total equipment	5,413.00	5,413.00	5,920.12
			268,750.00	264,757.67
	Unobligated balance			8,105.33
	Reserve		3,000.00	
	Total	268,000.00	271,750.00	272,863.00

To investigate and encourage the adoption of improved methods of farm management and farm practice, [$362,956] *$382,250: Provided*, That of this amount $150,000 may be used in ascertaining the cost of production of the principal staple agricultural products (*U. S. C., p. 56, secs. 511, 512; p. 118, sec. 411; pp. 1895, 1896, secs. 451–457; act Jan. 18, 1927, vol. 44, pp. 997, 998*) $382,250.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
FARM MANAGEMENT AND PRACTICE						
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 5, $5,200 to $6,000; average, $5,600—						
Senior agricultural economist	2.5	$5,480	2.5	$5,480	2.8	$5,250
Grade 4, $3,800 to $5,000; average, $4,400—						
Agricultural economist	11.5	4,069	8.5	4,164	6.7	3,851
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate agricultural economist	1	3,000			3	3,261
Associate librarian	1	3,400	1	3,400	1	3,300
Associate agricultural statistician	9	3,211	9	3,211	6.3	3,135
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant agricultural economist	10	2,640	10	2,640	10.8	2,630
Research assistant	1	2,560	1	2,500	1	2,400
Grade 1, $1,860 to $2,400; average, $2,111.42—						
Junior agricultural economist	1	2,100	1	2,100	0.8	2,100
Clerical, administrative, and fiscal service—						
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	2.5	2,168	2.5	2,168	3	2,103
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	10.5	1,714	10.5	1,714	11.7	1,786
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	20.5	1,600	20.5	1,600	20.4	1,579
Assistant operator office devices	1	1,560	1	1,560		
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	17	1,444	17	1,444	18.7	1,472
Junior operator office devices	1	1,440	1	1,440	1	1,440
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk					1	1,190
Custodial service—						
Grade 3, $1,020 to $1,260; average, $1,140—						
Senior laborer					0.3	1,200
Grade 2, $900 to $1,140; average, $1,080—						
Assistant messenger	1	1,080	1	1,080		
Grade 1, $600 to $780; average, $690—						
Junior messenger	2	705	2	705	2.3	709
Junior laborer (part time)					1	82
Total average number of employees	92.5		88.5		91.8	
Total salaries, departmental service		213,044.00		198,648.00		197,464.86
The difference between 1929 and 1928 is due to increase in force, $14,396.						

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

Salaries and Expenses, Bureau of Agricultural Economics—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
FARM MANAGEMENT AND PRACTICE—continued					
Field service:					
Salaries and wages—	*Average—*	*Average—*	*Average—*		
Salary range, $3,000 to $3,600; average, $3,300—	*No.* *Salary*	*No.* *Salary*	*No.* *Salary*		
Associate agricultural economist	2 $3,000	2 $3,000	2.5 $2,120		
Total average number of regular employees	2	2	2.5		
Total salaries and wages, regular employees	6,000	6,000	5,300		
Temporary and cooperative employees at $1 to $1,800 per annum	20	20	26		
Total salaries and wages, temporary and cooperative employees	9,500.00	9,500.00	9,617.98		
Total number of employees	22	22	28.5		
Total salaries and wages, field service	15,500.00	15,500.00	14,917.98		
01 Total personal service	228,544.00	214,148.00	212,382.84		
Supplies and materials:					
0200 Stationery and office supplies	1,654.00	1,500.00	1,598.48		
0206 Supplies for information work	1,550.00	1,400.00	1,542.32		
0220 Scientific and educational supplies	500.00	500.00	592.37		
0280 Sundry supplies	20.00	20.00	24.33		
02 Total supplies and materials	3,724.00	3,420.00	3,757.50		
01 Subsistence and care of animals and storage and care of vehicles	400.00		.94		
Communication service:					
0500 Telegraph service	400.00	400.00	488.06		
0510 Telephone service	840.00	840.00	880.60		
0520 Other communication service			.45		
05 Total communication service	1,240.00	1,240.00	1,369.11		
Travel expenses:					
0615 Transportation	17,000.00	13,700.00	15,333.62		
0616 Subsistence	15,494.00	13,900.00	15,119.79		
06 Total travel expenses	32,494.00	27,600.00	30,453.41		
07 Transportation of things	150.00	150.00	154.88		
08 Photographing and making photographs and prints			5.36		
12 Repairs and alterations	500.00	500.00	549.05		
13 Special and miscellaneous current expenses	90.00	90.00	96.98		
Equipment:					
3000 Passenger-carrying vehicles	800.00				
3010 Furniture, furnishings and fixtures	1,608.00	1,108.00	1,372.47		
3020 Educational, scientific, and recreational equipment	400.00	400.00	468.49		
3050 Other equipment	100.00	100.00	199.57		
30 Total equipment	2,908.00	1,608.00	2,040.53		
		248,756.00	250,810.60		
Unobligated balance			405.40		
Reserve		2,000.00			
Total	270,050.00	250,756.00	251,216.00		
COST OF PRODUCTION					
Departmeotal service:					
Salaries—					
Professional and scientific service—					
Grade 5, $5,200 to $6,000; average, $5,600—					
Senior agricultural economist	0.5 5,400	0.5 5,400	0.5 5,200		
Grade 4, $3,800 to $5,000; average, $4,400—					
Agricultural economist	2 4,000	2 4,000	2.7 3,827		
Grade 3, $3,000 to $3,600; average, $3,300—					
Associate agricultural economist	3 3,166	3 3,166	3.7 3,081		
Grade 2, $2,400 to $3,000; average, $2,700—					
Assistant agricultural economist	4 2,800	4 2,800	4 2,731		
Clerical, administrative, and fiscal service—					
Grade 5, $1,860 to $2,400; average, $2,111.42—					
Senior clerk	2.5 2,008	2.5 2,008	2 1,920		
Grade 4, $1,680 to $2,040; average, $1,860—					
Clerk	3 1,800	3 1,800	2.2 1,708		
Grade 3, $1,500 to $1,860; average, $1,680—					
Assistant clerk	10.5 1,605	10.5 1,605	10.8 1,588		
Assistant operator, office devices	1 1,680	1 1,680	1 1,680		
Grade 2, $1,320 to $1,680; average, $1,500—					
Junior clerk	2.5 1,320	2.5 1,320	0.8 1,237		
Junior operator, office devices	1 1,500	1 1,500	1 1,440		
Grade 1, $1,140 to $1,500; average, $1,320—					
Underclerk			1.5 1,140		
Custodial service—					
Grade 2, $900 to $1,140; average, $1,020—					
Junior messenger	0.5 780	0.5 780			
Junior laborer (part time)			1 181		
Total average number of employees	30.5	30.5	31.2		
Total salaries, departmental service	65,540.00	65,540.00	66,002.90		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Bureau of Agricultural Economics—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	COST OF PRODUCTION—continued			
	Field service:			
	Salaries and wages—	*Average—*	*Average—*	*Average—*
	Salary range, $1,500 to $1,860; average, $1,680—	*No.* *Salary*	*No.* *Salary*	*No.* *Salary*
	Assistant clerk	1 $1,860.00	1 $1,860.00	1 $2,010.00
	Miscellaneous, temporary, and cooperative employees, at $1 to $2,400 per annum	20	20	20
	Total salaries and wages, miscellaneous, cooperative and temporary employees	34,140.00	34,140.00	33,025.03
	Total number of employees	21	21	21
	Total salaries and wages, field service	36,000.00	36,000.00	35,035.03
01	Total personal services	101,540.00	101,540.00	101,037.93
	Supplies and materials:			
0200	Stationery and office supplies	500.00	500.00	538.14
0206	Supplies for information work	200.00	200.00	213.82
0220	Scientific and educational supplies	100.00	100.00	124.80
0280	Sundry supplies			2.00
02	Total supplies and materials	800.00	800.00	878.76
	Communication service:			
0500	Telegraph service	120.00	120.00	128.55
0510	Telephone service	130.00	130.00	129.91
0520	Other communication service			1.95
05	Total communication service	250.00	250.00	260.41
	Travel expenses:			
0615	Transportation	4,800.00	4,800.00	5,319.06
0616	Subsistence	3,600.00	3,600.00	4,199.46
06	Total travel expenses	8,400.00	8,400.00	9,518.52
07	Transportation of things	200.00	200.00	200.89
11	Rents			5.00
12	Repairs and alterations	25.00	25.00	25.35
13	Special and miscellaneous current expenses			1.60
	Equipment:			
3010	Furniture, furnishings, and fixtures	985.00	985.00	1,646.05
3050	Other equipment			1.50
30	Total equipment	985.00	985.00	1,647.55
				113,576.01
	Unobligated balance			163.99
	Total	112,200.00	112,200.00	113,740.00

For acquiring and diffusing among the people of the United States useful information on subjects connected with the marketing, handling, utilization, grading, transportation, and distributing of farm and nonmanufactured food products and the purchasing of farm supplies, including the demonstration and promotion of the use of uniform standards of classification of American farm products throughout the world, including scientific and technical research into American-grown cotton and its by-products and their present and potential uses including new and additional commercial and scientific uses for cotton and its by-products, *and for collecting and disseminating information on the adjustment of production to probable demand for the different farm and animal products, including the influence of production and demand on prices of agricultural products*, independently and in cooperation with other branches of the department, State agencies, purchasing and consuming organizations, and persons engaged in the marketing, handling, utilization, grading, transportation, and distributing of farm and food products, and for investigation of the economic costs of retail marketing of meat and meat products, [$596,780] *$715,000*: *Provided*, That practical forms of the grades recommended or promulgated by the Secretary for wool and mohair may be sold under such rules and regulations as he may prescribe, and the receipts therefrom deposited in the Treasury to the credit of miscellaneous receipts (*U. S. C., p. 56, secs. 511, 512; p. 118, sec. 411; pp. 1895, 1896, secs. 451–457; act Jan. 18, 1927, vol. 44, pp. 997, 998*)—— $715,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Bureau of Agricultural Economics—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average—		Average—		Average—	
	No.	Salary	No.	Salary	No.	Salary
Departmental service.						
Salaries—						
Professional and scientific service—						
Grade 3, $5,200 to $6,000; average, $5,600 —						
Senior agricultural economist	4	$5,250	3	$5,267	2.1	$5,175
Grade 4, $3,800 to $5,000; average, $4,400—						
Agricultural economist	15.5	3,961	5.5	4,255	2.9	4,305
Agricultural statistician	1	4,200	1	4,200	3.3	4,273
Cotton technologist	3	3,800	2	3,800	0.3	3,800
Marketing economist					1	3,800
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate agricultural economist	9	3,124	7	3,159	5.8	3,217
Associate agricultural statistician	3	3,000	1	3,000	1	3,000
Associate cotton technologist	2	3,300	1	3,600	0.3	3,200
Grade 2, $2,400 to $3,000; average, $2,700 —						
Assistant agricultural economist	10	2,680	10	2,680	9.9	2,596
Assistant librarian	2	2,600	2	2,600	2	2,525
Assistant agricultural statistician	2	2,400	1	2,400	0.6	2,400
Assistant chemist	1	2,400	1	2,400	1	2,280
Grade 1, $1,860 to $2,400; average, $2,111.42—						
Junior agricultural economist	6	1,900	1	2,100	1	2,100
Junior marketing economist					0.6	1,860
Subprofessional service—						
Grade 8, $2,400 to $3,000; average, $2,700—						
Chief draftsman	1	2,600	1	2,600	1	2,500
Grade 7, $2,100 to $2,700; average, $2,400—						
Principal scientific aid	1	2,100	1	2,100	0.3	2,100
Grade 6, $1,860 to $2,400; average, $2,111.42 —						
Senior scientific aid	2	2,300	2	2,300	2	2,300
Experimental baker	1	1,920	1	1,920	1	1,860
Grade 4, $1,500 to $1,860; average, $1,680—						
Assistant scientific aid	1	1,620	1	1,620	1.1	1,554
Junior library assistant	2	1,560	2	1,560		
Grade 3, $1,320 to $1,680; average, $1,500—						
Junior scientific aid					1	1,500
Underlibrary assistant	1	1,320	1	1,320	0.3	1,320
Grade 2, $1,140 to $1,500; average, $1,320—						
Under scientific helper	2	1,230	2	1,230	3	1,180
Minor library assistant					0.9	1,140
Grade 1, $900 to $1,260; average, $1,080—						
Minor scientific helper	1	1,200	1	1,200		
Clerical, administrative and fiscal service—						
Grade 12, $5,200 to $6,000; average, $5,600—						
Chief marketing specialist	2	5,200	2	5,200	1.9	4,939
Senior administrative officer	1	5,200	1	5,200	1	5,200
Grade 11, $3,800 to $5,000; average, $4,400—						
Assistant chief marketing specialist	6	4,167	6	4,167	7.5	4,267
Administrative officer					0.3	3,800
Grade 10, $3,300 to $3,900; average, $3,600—						
Senior investigator	1	3,800	1	3,800	1	3,600
Grade 9, $3,000 to $3,600; average, $3,300—						
Marketing specialist	9	3,278	9	3,278	10.6	3,280
Senior administrative assistant	1	3,200	1	3,200	1.1	3,364
Senior administrative officer					1	3,600
Grade 8, $2,700 to $3,300; average, $3,000—						
Associate marketing specialist	1	2,900	1	2,900	1.1	2,826
Grade 7, $2,400 to $3,000; average, $2,700—						
Assistant marketing specialist	10	2,650	10	2,650	10.1	2,634
Assistant agricultural statistician	1	2,500	1	2,500	1	2,400
Assistant in market business practice					1	2,600
Chief office draftsman	1	2,400	1	2,400	0.3	2,400
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal marketing specialist assistant	1	2,400	1	2,400	1	2,400
Principal clerk	1	2,500	1	2,500	2.5	2,360
Principal office draftsman	2	2,100	2	2,100	2	2,138
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	10	2,048	8	2,095	11.9	2,109
Senior office draftsman	4	1,860	4	1,860	1.6	1,871
Junior marketing specialist	2	1,930	2	1,930		
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	5.3	1,909	5.3	1,909	7.3	1,817
Office draftsman	4	1,680	4	1,680	3.9	1,585
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	35	1,572	25	1,601	19.1	1,515
Assistant office draftsman	2	1,620	2	1,620	2	1,620
Grade 2, $1,320 to $1,680; average $1,500—						
Junior clerk	24.5	1,423	24.5	1,423	22.8	1,406
Junior office draftsman	1	1,320	1	1,320	2.5	1,476
Grade 1, $1,140 to $1,500; average $1,320—						
Underoperator office devices	9	1,213	9	1,213	4.1	1,145
Underclerk	4	1,260	4	1,260	1.9	1,257
Custodial service—						
Grade 3, $1,020 to $1,260; average $1,140—						
Senior laborer	1	1,200	1	1,200	1.7	1,135
Grade 2, $900 to $1,140; average $1,020—						
Junior laborer	2	1,050	2	1,050	1.9	932
Grade 1, $600 to $780; average $690—						
Junior messenger	1	690	1	690	4.6	625
Junior laborer (part time)					1	146
Total average number employees	212.3		177.3		172.1	
Total salaries, departmental service		496,765.00		404,355.00		391,124.94
The difference between 1929 and 1928 is due to increase of force, $92,410.						

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Bureau of Agricultural Economics—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
Salary range, $3,800 to $5,000; average, $4,400—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Assistant chief marketing specialist	2	$3,700	2	$3,700	2	$3,650
Cotton technologist	1	4,000	1	4,000	0.4	3,800
Research agent in marketing	1	4,400	1	4,400	1	4,000
Salary range, $3,000 to $3,600; average, $3,300—						
Marketing specialist	5	3,280	5	3,280	5.3	3,198
Associate agricultural economist	2	3,200	2	3,200	2.6	3,188
Salary range, $2,400 to $3,000; average, $2,700—						
Assistant marketing specialist	7	2,514	7	2,514	6.3	2,632
Assistant in cotton testing					0.5	2,500
Salary range, $1,860 to $2,400; average, $2,111.42—						
Junior marketing specialist					0.3	1,860
Junior agricultural statistician	2	1,990	2	1,990	1	1,930
Salary range, $1,680 to $2,040; average, $1,860—						
Scientific aid					3.3	1,685
Clerk	3	1,880	3	1,880	3	1,860
Salary range, $1,500 to $1,860; average, $1,680—						
Assistant clerk	2	1,500	2	1,500	0.3	1,500
Assistant scientific aid	4	1,770	4	1,770		
Salary range, $1,320 to $1,680; average, $1,500—						
Junior clerk	2	1,350	2	1,350	3.9	1,315
Total average number of regular employees	31		31		29.9	
Total salaries and wages, regular employees		78,598.00		78,598.00		75,097.00
Temporary and cooperative employees at $1 to $1,800 per annum	25		18		25	
Total salaries and wages, temporary and cooperative employees		19,280.00		10,280.00		10,624.88
Total number of employees	56		49		54.9	
Total salaries and wages, field service		97,878.00		88,878.00		85,721.88
The difference between 1929 and 1928 is due to increase of force, $9,000.						
01 Total personal services		594,643.00		493,233.00		476,846.82
Supplies and materials:						
0200 Stationery and office supplies		6,700.00		5,300.00		5,335.40
0206 Supplies for information work		8,519.00		6,121.00		6,082.32
0220 Scientific and educational supplies		4,000.00		2,000.00		3,521.14
0280 Sundry supplies		600.00		200.00		522.49
02 Total supplies and materials		19,819.00		13,621.00		15,561.35
Communication service:						
0500 Telegraph service		500.00		500.00		516.53
0510 Telephone service		2,000.00		2,000.00		1,919.35
0520 Other communication service		700.00		700.00		591.94
05 Total communication service		3,200.00		3,200.00		3,027.82
Travel expenses:						
0615 Transportation		37,000.00		28,500.00		28,553.24
0616 Subsistence		29,600.00		23,600.00		23,523.09
06 Total travel expenses		66,600.00		52,100.00		52,076.33
07 Transportation of things		3,975.00		3,975.00		3,975.45
Printing and binding:						
0820 Stenographic work, typing and duplication work		5.00		5.00		3.20
0830 Photographing and making photographs and prints		175.00		175.00		173.62
08 Total printing and binding		180.00		180.00		176.82
10 Furnishing of heat, light, power, water, and electricity		1,450.00		1,450.00		1,448.20
Rents:						
1100 Rents of buildings and structures		750.00		750.00		750.00
1110 Other rents		75.00		75.00		62.00
11 Total rents		825.00		825.00		812.00
12 Repairs and alterations		5,500.00		5,300.00		5,223.81
13 Special and miscellaneous current expenses		1,880.00		1,680.00		1,675.07
Equipment:						
3010 Furniture, furnishings, and fixtures		9,121.00		5,516.00		10,779.54
3020 Educational, scientific, and recreational equipment		5,607.00		4,500.00		4,866.81
3050 Other equipment		500.00		500.00		523.00
30 Total equipment		15,228.00		10,516.00		16,169.35
33 Stores purchased for resale		1,700.00		1,700.00		1,737.14
				587,780.00		578,730.16
Unobligated balance						37.84
Reserve				9,000.00		
Total		715,000.00		596,780.00		578,768.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Salaries and Expenses, Bureau of Agricultural Economics—Continued. For collecting, compiling, abstracting, analyzing, summarizing, interpreting, and publishing data relating to agriculture, including crop and livestock estimates, acreage, yield, grades, staples of cotton, stock, and value of farm crops, and numbers, grades, and value of livestock and livestock products on farms, in cooperation with the Extension Service and other Federal, State, and local agencies, [$787,755] *$788,000*: *Provided*, That [$89,660] *$99,660* shall be available for collecting and disseminating to American producers, importers, exporters, and other interested persons information relative to the world supply of and need for American agricultural products, marketing methods, conditions, prices, and other factors, a knowledge of which is necessary to the advantageous disposition of such products in foreign countries, independently and in cooperation with other branches of the Government, State agencies, purchasing and consuming organizations, and persons engaged in the transportation, marketing, and distribution of farm and food products, including the purchase of such books and periodicals as may be necessary in connection with this work: *Provided further*, That no part of the funds herein appropriated shall be available for any expense incident to ascertaining, collating, or publishing a report stating the intentions of farmers as to the acreage to be planted in cotton: *Provided further*, That no part of the funds herein appropriated shall be available for the preparation of mid-monthly reports of cotton estimates for the months of July, August, and November (*U. S. C., p. 56, secs. 511, 512; p. 118, sec. 411; pp. 1895, 1896, secs. 451–457; act Jan. 18, 1927, vol. 44, pp. 997, 998*)	$738,000.00	

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
CROP AND LIVESTOCK ESTIMATES						
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 5, $5,200 to $6,000; average, $5,600—						
Senior agricultural statistician	1	$5,600	1	$5,600	0.9	$5,400
Grade 4, $3,800 to $5,000; average, $4,400—						
Agricultural statistician	6	4,400	5	4,520	5.2	4,323
Crop and livestock estimator	1	3,800	1	3,800	0.2	3,800
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate agricultural economist	1	3,000	1	3,000	0.2	3,160
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant agricultural statistician	1	2,700	1	2,700	2	2,800
Assistant crop and livestock estimator	2	2,450	2	2,450	1	2,400
Grade 1, $1,860 to $2,400; average, $2,111.42—						
Junior agricultural statistician	1	1,920	1	1,920		
Junior crop and livestock estimator	1	1,920	1	1,920	0.2	1,920
Clerical, administrative, and fiscal service—						
Grade 9, $3,000 to $3,600; average, $3,300—						
Marketing specialist	2	3,150	2	3,150	1.9	3,026
Administrative officer	2	3,300	2	3,300	1.8	3,166
Grade 7, $2,400 to $3,000; average, $2,700—						
Assistant marketing specialist	1	2,700	1	2,700	1	2,650
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	2	2,500	2	2,500	1.4	2,612
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	5	1,984	5	1,984	6.5	1,945
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	18	1,893	18	1,893	16.2	1,887
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	48	1,621	48	1,621	49.4	1,604
Senior operator, office devices	1	1,620	1	1,620	1	1,680
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	27	1,500	27	1,500	32.2	1,490
Junior operator, office devices	3	1,440	3	1,440	4.3	1,434
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	11	1,347	11	1,347	11.9	1,266
Underoperator office devices	5	1,248	5	1,248	10.3	1,327
Custodial service—						
Grade 3, $1,020 to $1,260; average, $1,140—						
Senior laborer	1	1,200	1	1,200	0.8	1,200
Grade 2, $900 to $1,140; average, $1,020—						
Junior laborer	1	1,020	1	1,020	0.3	1,080
Assistant messenger					0.8	900
Office laborer	1	1,080	1	1,080	1	1,020
Skilled laborer					0.7	480
Grade 1, $600 to $780; average, $690—						
Junior messenger	1	600	1	600	0.8	780
Junior laborer (part time)					1	21
Total average number of employees	143		142		153	
Total salaries, departmental service		264,039.00		260,239.00		265,867.26
The difference between 1929 and 1928 is due to increase in force, $3,800.						

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Bureau of Agricultural Economics—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
Salary range, $3,800 to $5,000; average, $4,400—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Agricultural statistician	8	$4,037	8	$4,037	9	$3,911
Salary range, $3,000 to $3,600; average, $3,300—						
Associate agricultural statistician	23	3,260	23	3,260	20.6	3,202
Associate crop and livestock estimator					0.6	3,000
Salary range, $2,400 to $3,000; average, $2,700—						
Assistant agricultural statistician	8	2,612	8	2,612	12.8	2,654
Assistant marketing specialist	1	2,700	1	2,700		
Assistant crop and livestock estimator	6	2,500	6	2,500	5.3	2,518
Salary range, $1,860 to $2,400; average, $2,111.42—						
Junior marketing specialist					0.5	1,860
Junior agricultural statistician	7	2,151	7	2,151	7.7	2,080
Junior crop and livestock estimator	5	1,928	5	1,928	1.7	1,988
Salary range, $1,500 to $1,860; average, $1,680—						
Assistant clerk	36	1,603	36	1,603	34.1	1,581
Salary range, $1,320 to $1,680; average, $1,500—						
Junior clerk	13	1,366	13	1,366	15.9	1,365
Salary range, $1,140 to $1,500; average, $1,320—						
Underclerk	1	1,140	1	1,140	0.9	1,140
Salary range, $600 to $780; average, $690—						
Junior messenger	2	660	2	660	1.5	680
Total average number of regular employees	110		110		110.6	
Total salaries and wages, regular employees		248,495.00		248,495.00		248,262.00
Temporary and cooperative employees at $1 to $2,760 per annum	16		16		19.5	
Total salaries and wages, temporary and cooperative employees		13,838.00		13,838.00		13,370.43
Total number of employees	126		126		130.1	
Total salaries and wages, field service		262,333.00		262,333.00		261,632.43
01 Total personal services		526,372.00		522,572.00		527,499.69
Supplies and materials:						
0200 Stationery and office supplies		13,400.00		12,800.00		15,809.37
0206 Supplies for information work		16,200.00		16,200.00		18,201.63
0220 Scientific and educational supplies		800.00		800.00		817.31
0280 Sundry supplies		100.00		100.00		109.90
02 Total supplies and materials		30,500.00		29,900.00		34,938.21
Communication service:						
0500 Telegraph service		4,500.00		4,500.00		4,796.09
0510 Telephone service		3,400.00		3,400.00		3,462.79
0520 Other communication service		500.00		500.00		509.73
05 Total communication service		8,400.00		8,400.00		8,768.61
Travel expenses:						
0615 Transportation		29,500.00		28,100.00		31,124.73
0616 Subsistence		20,400.00		19,200.00		21,455.63
06 Total travel expenses		49,900.00		47,300.00		52,580.36
07 Transportation of things		2,000.00		2,000.00		4,460.55
Printing and binding:						
0810 Lithographing, engraving, and engrossing						7.13
0820 Stenographic work, typing, and duplicating work						3.13
0830 Photographing and making photographs and prints						.97
08 Total printing and binding						11.23
10 Furnishing of heat, light, power, water, and electricity		40.00		40.00		40.86
Rents:						
1100 Rents of buildings and structures		6,500.00		6,500.00		6,539.49
1110 Other rents		6,453.00		6,453.00		8,490.94
11 Total rents		12,953.00		12,953.00		15,030.43
12 Repairs and alterations		2,000.00		2,000.00		4,218.29
13 Special and miscellaneous current expenses		800.00		800.00		835.33
Equipment:						
3010 Furniture, furnishings, and fixtures		5,245.00		5,000.00		6,989.86
3020 Educational, scientific, and recreational equipment		100.00		100.00		106.77
3050 Other equipment		30.00		30.00		27.22
30 Total equipment		5,375.00		5,130.00		7,123.85
				631,095.00		655,507.41
Unobligated balance						587.59
Reserve				2,000.00		
Total		638,340.00		633,095.00		656,095.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Bureau of Agricultural Economics—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
FOREIGN COMPETITION AND DEMAND						
Departmental service:						
Salaries—	*Average—*		*Average—*		*Average—*	
Professional and scientific service—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 5, $5,200 to $6,000; average, $5,600—						
Senior agricultural economist	1	$5,600	1	$5,600	0.9	$5,600
Clerical, administrative, and fiscal service—						
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Junior agricultural economist	1	1,860	1	1,860	0.7	1,860
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	2	1,770	2	1,770	2	1,770
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	8	1,605	8	1,605	8.6	1,574
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	6	1,410	6	1,410	3.5	1,563
Grade 1, $1,140 to $1,800; average, $1,320—						
Under clerk (part time)					1	360
Total average number of employees	18		18		16.7	
Total salaries, departmental service		32,300.00		32,300.00		29,247.75
Field service—						
Salaries and wages—						
Salary range, $5,200 to $6,000; average, $5,600—						
Agricultural commissioner	2	5,700	2	5,700	2.3	5,522
Salary range, $3,800 to $5,000; average, $4,400—						
Agricultural commissioner	1	4,800	1	4,800	0.7	4,800
Associate agricultural economist	1	4,200	1	4,200	1	3,800
Assistant chief marketing specialist	2	4,400	1	5,000	1	5,000
Salary range, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	1	2,100	1	2,100	1	2,100
Junior agricultural statistician	1	1,860			0.4	2,400
Total average number of regular employees	8		6		6.4	
Total salaries, regular employees		33,160		27,500		27,921
Temporary employees, at salaries ranging from $1 to $1,800 per annum	2		2		2	
Total salaries and wages, temporary employees		2,080		2,080		1,609
Total number of employees	10		8		8.4	
Total salaries and wages, field service		35,240.00		29,580.00		29,530.00
The difference between 1929 and 1928 is due to increase in force, $5,660.						
01 Total personal services		67,540.00		61,880.00		58,777.75
Supplies and materials:						
0200 Stationery and office supplies		1,000.00		850.00		757.10
0206 Supplies for information work		250.00		250.00		201.10
0220 Scientific and educational supplies		990.00		990.00		981.93
0230 Fuel		30.00		30.00		22.32
0280 Sundry supplies		5.00		5.00		2.21
02 Total supplies and materials		2,275.00		2,125.00		1,964.66
Communication service:						
0500 Telegraph service		4,900.00		4,900.00		4,206.27
0510 Telephone service		500.00		500.00		459.96
0520 Other communication service		1,700.00		1,700.00		1,605.62
05 Total communication service		7,100.00		7,100.00		6,271.85
Travel expenses:						
0615 Transportation		9,550.00		7,550.00		6,836.21
0616 Subsistence		6,265.00		5,075.00		4,700.84
06 Total travel expenses		15,815.00		12,625.00		11,537.05
07 Transportation of things		790.00		790.00		797.99
Printing and binding:						
0820 Stenographic work						9.77
0830 Photographing and making photographs and prints		25.00		25.00		10.08
08 Total printing and binding		25.00		25.00		19.85
09 Advertising and publication of notices		5.00		5.00		4.71
10 Furnishing of heat, light, power, water, and electricity		60.00		60.00		58.66
Rents:						
1100 Rents of buildings and structures		3,700.00		3,200.00		3,185.72
1110 Other rents		100.00		100.00		35.96
11 Total rents		3,800.00		3,300.00		3,221.68
12 Repairs and alterations		320.00		320.00		318.54
13 Special and miscellaneous current expenses		290.00		290.00		281.32

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Bureau of Agricultural Economics—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Equipment:			
3010 Furniture, furnishings, and fixtures	$1,450.00	$950.00	$927.32
3020 Educational, scientific, and recreational equipment	100.00	100.00	89.07
3050 Other equipment	90.00	90.00	24.68
30 Total equipment	1,640.00	1,140.00	1,041.07
			84,295.13
Unobligated balance			5,364.87
Total	99,660.00	89,660.00	89,660.00

For enabling the Secretary of Agriculture, *independently and in cooperation with other branches of the Government, State agencies, purchasing and consuming organizations, boards of trade, chambers of commerce, or other associations of business men or trade organizations, and persons or corporations engaged in the production, transportation, marketing, and distribution of farm and food products, whether operating in one or more jurisdictions*, to investigate and certify to shippers and other interested parties the class, quality, and/or condition of cotton and fruits, vegetables, poultry, butter, hay, and other perishable farm products when offered for interstate shipment or when received at such important central markets as the Secretary of Agriculture may from time to time designate, or at points which may be conveniently reached therefrom, under such rules and regulations as he may prescribe, including payment of such fees as will be reasonable and as nearly as may be to cover the cost for the service rendered: *Provided*, That certificates issued by the authorized agents of the department [s] shall be received in all courts of the United States as prima facie evidence of the truth of the statements therein contained (*U. S. C., p. 56, secs. 511, 512; p. 118, sec. 411; pp. 1895, 1896, secs. 451–457; act Jan. 18, 1927, vol. 44, pp. 997, 998*)—— $388,455.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Clerical, administrative, and fiscal service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 12, $5,200 to $6,000; average, $5,600—						
Chief marketing specialist	1.7	$5,330	1.7	$5,330	0.8	$4,875
Grade 11, $3,800 to $5,000; average, $4,400—						
Assistant chief marketing specialist	4	4,100	4	4,100	2.3	4,130
Grade 9, $3,000 to $3,600; average, $3,300—						
Marketing specialist	3	3,333	3	3,333	2.5	3,373
Grade 7, $2,400 to $3,000; average, $2,700—						
Assistant marketing specialist	1	2,500	1	2,500	1.1	2,379
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	1	1,800	1	1,800	1	1,800
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	3.7	1,595	3.7	1,595	5.3	1,531
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	3	1,380	3	1,380	7.9	1,366
Custodial service—						
Grade 1, $600 to $780; average, $690—						
Junior messenger	1	645	1	645	0.4	744
Total average number of employees	18.4		18.4		21.3	
Total salaries, departmental service		50,447.00		50,447.00		45,450.65
Field service:						
Salaries and wages—						
Salary range, $3,800 to $5,000; average, $4,400—						
Assistant chief marketing specialist	2	4,100	2	4,100	3	4,067
Salary range, $3,000 to $3,600; average, $3,300—						
Marketing specialist	13	2,931	13	2,931	8.5	3,293
Assistant inspector	2	3,500	2	3,500		
Salary range, $2,400 to $3,000; average, $2,700—						
Assistant marketing specialist	64	2,652	64	2,652	65.9	2,627
Food products inspector					2	2,785
Salary range, $1,860 to $2,400; average, $2,111.42—						
Junior marketing specialist	2	2,040	2	2,040	4.1	2,054

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Bureau of Agricultural Economics—Continued.

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
		Average—		*Average—*		*Average—*	
		No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Field service—Continued.						
	Salaries and wages—Continued.						
	Salary range, $1,500 to $1,860; average, $1,680—						
	Assistant clerk	12	$1,535	12	$1,535	11.9	$1,611
	Salary range, $1,320 to $1,680; average, $1,500—						
	Junior clerk	5	1,368	5	1,368	5.4	1,355
	Salary range, $1,140 to $1,500; average, $1,320—						
	Underclerk	1	1,320	1	1,320	0.3	1,317
	Salary range, $900 to $1,140; average, $1,020—						
	Junior laborer	1	900	1	900	1.7	882
	Total average number of regular employees	102		102		102.8	
	Total salaries, regular employees		254,591.00		254,591.00		255,683.00
	Temporary and cooperative employees at salaries from $1 to $1,800 per annum	45		43		40	
	Total salaries and wages, temporary and cooperative employees		23,386.00		20,286.00		20,195.45
	Total number of employees	147		145		142.8	
	Total salaries and wages, field service		277,977.00		274,877.00		275,878.45
	The difference between 1929 and 1928 is due to increase in force, $3,100.						
01	Total personal services		328,424.00		325,324.00		321,329.10
	Supplies and materials:						
0200	Stationery and office supplies		1,700.00		1,600.00		1,303.21
0206	Supplies for information work		900.00		900.00		689.53
0220	Scientific and educational supplies		1,200.00		1,100.00		986.26
0280	Sundry supplies		500.00		400.00		273.87
02	Total supplies and materials		4,300.00		4,000.00		3,252.87
04	Subsistence and care of animals and storage and care of vehicles		3,100.00		2,300.00		1,403.48
	Communication service:						
0500	Telegraph service		2,300.00		2,100.00		1,884.28
0510	Telephone service		4,900.00		4,500.00		4,390.50
0520	Other communication service				100.00		26.53
05	Total communication service		7,200.00		6,700.00		6,301.31
	Travel expenses:						
0615	Transportation		29,700.00		29,200.00		25,695.23
0616	Subsistence		21,751.00		21,271.00		19,402.76
06	Total travel expenses		51,451.00		50,471.00		45,097.99
07	Transportation of things		4,000.00		3,800.00		3,546.13
08	Photographing and making photographs and prints						5.22
10	Furnishing of heat, light, power, water and electricity		100.00		100.00		89.94
	Rents:						
1100	Rents of buildings and structures		14,200.00		14,200.00		13,686.91
1110	Other rents		100.00		100.00		37.00
11	Total rents		14,300.00		14,300.00		13,723.91
12	Repairs and alterations		2,700.00		2,700.00		2,463.78
13	Special and miscellaneous current expenses		330.00		400.00		322.88
	Equipment:						
3000	Passenger-carrying vehicles		4,200.00		3,200.00		1,410.83
3010	Furniture, furnishings, and fixtures		2,000.00		2,100.00		2,009.50
3020	Educational, scientific, and recreational equipment		850.00		900.00		859.05
3050	Other equipment		1,500.00		1,560.00		1,421.60
30	Total equipment		8,550.00		7,760.00		5,700.98
			424,455.00		417,855.00		403,237.59
	Deduct amounts received from the following sources:						
	Navy Department		25,000.00		25,000.00		25,758.34
	Marine Corps		2,400.00		2,400.00		2,747.30
	Shipping Board		7,500.00		7,500.00		7,288.57
	Veterans' Bureau		1,100.00		1,100.00		1,042.22
	Total amounts received		36,000.00		36,000.00		36,836.43
					381,855.00		366,401.16
	Unobligated balance						2,808.84
	Reserve				6,600.00		
	Total		388,455.00		388,455.00		369,210.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Salaries and Expenses, Bureau of Agricultural Economics—Continued. For collecting, publishing, and distributing, by telegraph, mail, or otherwise, timely information on the market supply and demand, commercial movement, location, disposition, quality, condition, and market prices of livestock, meats, fish, and animal products, dairy and poultry products, fruits and vegetables, peanuts and their products, grain, hay, feeds, and seeds, and other agricultural products, independently and in cooperation with other branches of the Government, State agencies, purchasing and consuming organizations, and persons engaged in the production, transportation, marketing, and distribution of farm and food products, [$1,054,355] (*U. S. C., p. 56, secs. 511, 512; p. 118, sec. 411; pp. 1895, 1896, secs. 451–457; act Jan. 18, 1927, vol. 44, pp. 997, 998*)	$1,069,355.00	

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average— *No.*	*Salary*	*Average—* *No.*	*Salary*	*Average—* *No.*	*Salary*
Departmental service:						
Salaries—						
Professional and scientific service—						
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate agricultural economist					0.3	$3,000
Grade 1, $1,860 to $2,400; average, $2,111.42—						
Junior librarian	2	$2,050	2	$2,050	2	2,050
Subprofessional service—						
Grade 6, $1,860 to $2,400; average, $2,111.42—						
Senior library assistant	1	1,920	1	1,920		
Clerical, administrative, and fiscal service—						
Grade 12, $5,200 to $6,000; average, $5,600—						
Chief marketing specialist	1	5,200	1	5,200	0.6	5,170
Grade 11, $3,800 to $5,000; average, $4,400—						
Assistant chief marketing specialist	5	4,200	5	4,200	5.3	4,154
Senior administrative assistant	1	3,800	1	3,800	0.3	3,800
Grade 9, $3,000 to $3,600; average, $3,300—						
Marketing specialist	7	3,243	7	3,243	5.9	3,250
Grade 8, $2,700 to $3,300; average, $3,000—						
Associate editor	1	3,300	1	3,300	1	3,200
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant	1	3,000	1	3,000	1	3,000
Assistant marketing specialist	2	2,550	2	2,550	2.6	2,654
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	1	2,600	1	2,600	1.5	2,177
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	5	2,184	5	2,184	5.4	2,127
Senior telegrapher	2	2,050	2	2,050	1.7	1,918
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	5.3	1,864	5.3	1,864	5.3	1,863
Telegrapher	8	1,950	8	1,950	8.3	1,852
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	20	1,661	20	1,661	21.8	1,628
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	24	1,428	24	1,428	23.1	1,415
Grade 1, $1,140 to $1,500; average, $1,320—						
Underoperator office devices	6	1,380	6	1,380		
Underclerk					8.8	1,302
Custodial service—						
Grade 3, $1,020 to $1,260; average, $1,140—						
Senior laborer					0.3	1,140
Grade 2, $900 to $1,140; average, $1,020—						
Junior laborer (part time)					1	269
Assistant messenger	1	900	1	900	0.3	900
Grade 1, $600 to $780; average, $690—						
Junior messenger	2	645	2	645	2.9	698
Total average number of employees	95.3		95.3		99.4	
Total salaries, departmental service		191,182.00		191,182.00		189,331.13
Field service:						
Salaries and wages—						
Salary range, $3,800 to $5,000; average, $4,400—						
Assistant chief marketing specialist	3	3,800	3	3,800	2.9	3,822
Salary range, $3,000 to $3,600; average, $3,300—						
Marketing specialist	11	3,182	10	3,200	8.8	3,135
Salary range, $2,400 to $3,000; average, $2,700—						
Assistant marketing specialist	46	2,657	46	2,657	48.6	2,604
Salary range, $1,860 to $2,400; average, $2,111.42—						
Junior marketing specialist	14	1,924	13	1,929	14.9	2,009
Senior clerk					0.7	2,400
Senior telegrapher	2	2,080	1	2,300	1	2,300
Salary range, $1,680 to $2,040; average, $1,860—						
Clerk	8	1,793	8	1,793	5.4	1,830
Telegrapher	38	1,821	38	1,821	36.8	1,769
Salary range, $1,500 to $1,860; average, $1,680—						
Assistant clerk	43.5	1,573	42.5	1,575	45.3	1,562
Salary range, $1,320 to $1,680; average, $1,500—						
Junior clerk	27	1,396	27	1,396	28.1	1,384
Junior operator office devices	4	1,450	4	1,450	3.9	1,459

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Bureau of Agricultural Economics—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Field service—Continued.			
	Salaries and wages—Continued.	*Average—*	*Average—*	*Average—*
	Salary range, $1,140 to $1,500; average, $1,320—	*No.* *Salary*	*No.* *Salary*	*No.* *Salary*
	Underclerk	6 $1,210	6 $1,210	6.8 $1,229
	Salary range, $900 to $1,140; average, $1,020—			
	Office laborer	1 900	1 900	
	Assistant messenger	10 936	10 936	11.3 910
	Salary range, $600 to $780; average, $690—			
	Unskilled laborer	1 720	1 720	1 690
	Junior messenger	4 660	4 660	3.1 619
	Total average number of regular employees	218.5	214.5	218.6
	Total salaries, regular employees	416,060.00	407,851.00	410,709.00
	Temporary and cooperative employees, at $1 to $2,400 per annum	32	32	38
	Total salaries and wages, temporary and cooperative employees	21,494.00	21,494.00	16,925.86
	Total number of employees	250.5	246.5	256.6
	Total salaries and wages, field service	437,554.00	429,345.00	427,634.86
	The difference between 1929 and 1928 is due to increase in force, $8,209.			
01	Total personal services	628,736.00	620,527.00	616,965.99
	Supplies and materials:			
0200	Stationery and office supplies	20,260.00	20,100.00	20,073.65
0205	Supplies for information work	45,200.00	44,300.00	44,416.02
0220	Scientific and educational supplies	400.00	400.00	460.26
0280	Sundry supplies	600.00	600.00	607.53
02	Total supplies and materials	66,400.00	65,400.00	65,557.46
04	Subsistence and care of animals and storage and care of vehicles	300.00	300.00	264.80
	Communication service:			
0500	Telegraph service	246,900.00	244,000.00	244,310.45
0510	Telephone service	17,100.00	17,000.00	17,279.41
0520	Other communication service	250.00	250.00	257.17
05	Total communication service	264,250.00	261,250.00	261,847.03
	Travel expenses:			
0615	Transportation	22,500.00	22,000.00	22,245.95
0616	Subsistence	17,390.00	17,100.00	17,405.64
06	Total travel expenses	39,890.00	39,100.00	39,651.59
07	Transportation of things	10,551.00	10,300.00	10,307.67
	Printing and binding:			
0820	Stenographic work, typing and duplicating work			2.25
0830	Photographing and making photographs and prints			5.00
08	Total printing and binding			7.25
10	Furnishing of heat, light, power, water, and electricity	400.00	400.00	405.49
	Rents:			
1100	Rents of buildings and structures	30,230.00	29,480.00	27,480.64
1110	Other rents	1,500.00	1,500.00	1,593.00
11	Total rents	31,730.00	30,980.00	29,073.64
12	Repairs and alterations	4,100.00	4,100.00	4,182.77
13	Special and miscellaneous current expenses	5,500.00	5,500.00	5,614.69
	Equipment:			
3000	Passenger carrying vehicles	500.00	500.00	
3010	Furniture, furnishings, and fixtures	16,648.00	12,648.00	15,057.79
3020	Educational, scientific, and recreational equipment	190.00	190.00	189.58
3050	Other equipment	160.00	160.00	162.95
30	Total equipment	17,498.00	13,498.00	15,410.32
	Unobligated balance		1,051,355.00	1,049,288.70
	Reserve		3,000.00	3,066.30
	Total	1,069,355.00	1,054,355.00	1,052,355.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Salaries and Expenses, Bureau of Agricultural Economics Continued. [Cooperative marketing:] To enable the Secretary of Agriculture to carry into effect the act entitled "An act to create a division of cooperative marketing in the Department of Agriculture; to provide for the acquisition and dissemination of information pertaining to cooperation; to promote the knowledge of cooperative principles and practices; to provide for calling advisers to counsel with the Secretary of of Agriculture on cooperative activities; to authorize cooperative associations to acquire, interpret, and disseminate crop and market information, and for other purposes," approved July 2, 1926, [$220,440] *(U. S. C., p. 56, secs. 511, 512; p. 118, sec. 411; pp. 1895, 1896, secs. 451–457; act Jan. 18, 1927, vol. 44, pp. 997, 998)*	$260,000.00	

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average— No.	*Salary*	*Average—* No.	*Salary*	*Average—* No.	*Salary*
Departmental service:						
Salaries—						
Professional and scientific service—						
Grade 5, $5,200 to $6,000; average, $5,600—						
Senior agricultural economist	2	$5,400	2	$5,400	1.9	$4,772
Grade 4, $3,800 to $5,000; average, $4,400—						
Agricultural economist	15	3,880	10	3,920	6.3	3,969
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate agricultural economist	5	3,050	4	3,100	4.3	3,349
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant agricultural economist					1.3	2,769
Clerical, administrative, and fiscal service—						
Grade 11, $3,800 to $5,000; average, $4,400—						
Administrative officer	1	4,200	1	4,200	0.9	4,200
Grade 8, $2,700 to $3,300; average, $3,000—						
Associate marketing specialist	2	3,050	2	3,050	1.9	3,075
Associate accountant and auditor	1	2,900	1	2,900	1	2,800
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	1	1,860	1	1,860	1.1	2,200
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	8	1,755	4	1,830	3.8	1,816
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	7	1,560	7	1,560	6.1	1,497
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	13	1,385	13	1,385	7.9	1,349
Junior operator, office devices	3	1,500	3	1,500		
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk					0.7	1,086
Underoperator, office devices	7	1,269	7	1,269	1.3	1,096
Custodial service—						
Grade 1, $600 to $780; average, $690—						
Junior messenger	1	600	1	600		
Junior messenger (part time)					1	161
Total average number of employees	66		56		39.5	
Total salaries, departmental service		156,408.00		127,688.00		95,951.26
The difference between 1929 and 1928 is due to increase in force, $28,720.						
Field service:						
Salaries and wages—						
Salary range, $5,200 to $6,000; average, $5,600—						
Senior agricultural economist	1	6,000	1	6,000	1.3	6,000
Salary range, $3,300 to $3,900; average, $3,600—						
Agricultural economist	1	3,800	1	3,800		
Salary range, $1,140 to $1,500; average, $1,320—						
Junior stenographer	1	1,320	1	1,320		
Total average number of regular employees	3		3		1.3	
Total salaries, regular employees		11,120.00		11,120.00		8,399.00
Temporary and cooperative employees at salaries ranging from $1 to $1,800 per annum	10		10		20	
Total salaries and wages, temporary and cooperative employees		13,520.00		13,520.00		9,047.75
Total number of employees	13		13		21.3	
Total salaries and wages, field service		24,640.00		24,640.00		17,446.75
01 Total personal services		181,048.00		152,328.00		113,398.01
Supplies and materials:						
0200 Stationery and office supplies		2,500.00		2,400.00		1,640.02
0206 Supplies for information work		3,100.00		2,900.00		2,792.20
0220 Scientific and educational supplies		2,100.00		1,100.00		678.90
0280 Sundry supplies		100.00		100.00		80.98
02 Total supplies and materials		7,800.00		6,500.00		5,192.10
Communication service:						
0500 Telegraph service		560.00		560.00		479.57
0510 Telephone service		520.00		520.00		560.96
0520 Other communication service		20.00		20.00		12.54
05 Total communication service		1,100.00		1,100.00		1,053.07

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Bureau of Agricultural Economics—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Travel expenses:			
0615	Transportation	$38,480.00	$29,500.00	$26,222.46
0616	Subsistence	24,342.00	20,342.00	18,260.20
06	Total travel expenses	62,822.00	49,842.00	44,482.66
07	Transportation of things	500.00	500.00	544.61
08	Photographing and making photographs and prints	50.00	50.00	48.63
	Rents:			
1100	Rents of buildings and structures	300.00	300.00	300.00
1110	Other rents	20.00	20.00	20.50
11	Total rents	320.00	320.00	320.50
12	Repairs and alterations	500.00	500.00	508.83
13	Special and miscellaneous current expenses	300.00	300.00	295.94
	Equipment:			
3010	Furniture, furnishings, and fixtures	2,860.00	2,100.00	5,442.09
3020	Educational, scientific, and recreational equipment	2,600.00	1,800.00	1,596.50
3050	Other equipment	100.00	100.00	71.30
30	Total equipment	5,560.00	4,000.00	7,109.89
			215,440.00	172,954.24
	Unobligated balance			47,485.76
	Reserve		5,000.00	
	Total	230,000.00	220,440.00	220,440.00

To enable the Secretary of Agriculture to carry into effect the act entitled "An act authorizing the Secretary of Agriculture to collect and publish statistics of the grade and staple length of cotton," approved March 3, 1927 (submitted) $400,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average—		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Departmental service:						
Salaries and wages—						
Professional and scientific service—						
Grade 5, $5,200 to $6,000; average, $5,600—						
Senior agricultural economist	1	$5,200				
Grade 4, $3,800 to $5,000; average, $4,400—						
Agricultural economist	5	3,800	2	$3,800		
Subprofessional service—						
Grade 5, $1,680 to $2,040; average, $1,860—						
Scientific aid (recorder)	2	1,680	1	1,680		
Clerical, administrative, and fiscal service—						
Grade 11, $3,800 to $5,000; average, $4,400—						
Specialists in cotton classing	2	3,800				
Grade 7, $2,400 to $3,000; average, $2,700—						
Assistant marketing specialist	1	2,400	1	2,400		
Grade 5, $1,800 to $2,400; average, $2,111.42—						
Senior clerk	1	1,860				
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	5	1,500	1	1,500		
Custodial service—						
Grade 3, $1,020 to $1,260; average, $1,140—						
Senior laborer	1	1,020	1	1,020		
Total average number of employees	18		6			
Total salaries, departmental service		47,940		14,200		
The difference between 1929 and 1928 is due to increase in force, $33,740.						
Field service:						
Salaries and wages—						
Salary range, $3,800 to $5,000; average, $4,400—						
Specialist in cotton classing	13	3,800	3	3,800		
Salary range, $2,400 to $3,000; average, $2,700—						
Assistant marketing specialist	5	2,400				
Salary range, $1,800 to $2,400; average, $2,111.42—						
Principal scientific aid	7	1,860	2	1,860		
Salary range, $1,680 to $2,040; average, $1,860—						
Scientific aid (recorder)	10	1,680	3	1,680		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Bureau of Agricultural Economics—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Field service—Continued.			
Salaries and wages—Continued.	*Average—*	*Average—*	*Average—*
Salary range $1,020 to $1,260; average, $1,140—	*No.* *Salary*	*No.* *Salary*	*No.* *Salary*
Senior laborer	6 $1,020		
Total number of employees	41	8	
Total salaries and wages, field service	97,340.00	$20,160.00	
The difference between 1929 and 1928 is due to increase in force, $77,180.			
01 Total personal services	145,280.00	34,360.00	
Supplies and materials:			
0200 Stationery and office supplies	5,400.00	3,270.00	
0205 Supplies for information work	920.00		
0220 Scientific and educational supplies	140,000.00	10,000.00	
0280 Sundry supplies	800.00	200.00	
02 Total supplies and materials	147,120.00	13,470.00	
04 Maintenance of passenger cars	1,600.00		
Communication service:			
0500 Telegraph service	600.00	500.00	
0510 Telephone service	600.00	50.00	
0520 Other communication service	200.00		
05 Total communication service	1,400.00	550.00	
Travel expenses:			
0615 Transportation	24,400.00	6,195.00	
0616 Subsistence	35,000.00	6,000.00	
06 Total travel expenses	59,400.00	12,195.00	
07 Transportation of things	30,000.00	2,100.00	
Printing and binding:			
0820 Stenographic work, typing, and duplicating work		10.00	
0830 Photographing and making photographs and prints		5.00	
08 Total printing and binding		15.00	
10 Furnished heat, light, power, water, and electricity	50.00	50.00	
11 Rents of buildings and structures	5,000.00	1,860.00	
12 Repairs and alterations	150.00		
13 Special and miscellaneous current expenses	300.00		
Equipment:			
3000 Passenger-carrying vehicles	5,000.00		
3010 Furniture, furnishings, and fixtures	3,500.00	300.00	
3020 Educational, scientific, and recreational equipment	1,200.00	100.00	
30 Total equipment	9,700.00	400.00	
Total	400,000.00	65,000.00	

In all, salaries and expenses	$4,221,060.00	$3,682,491.00
Enforcement of the United States Cotton Futures Act and United States Cotton Standards Act— To enable the Secretary of Agriculture to carry into effect the provisions of the United States cotton futures act, as amended March 4, 1919, and to carry into effect the provisions of the United States cotton standards act, approved March 4, 1923, including all expenses necessary for the purchase of equipment and supplies; for travel; for the employment of persons in the city of Washington and elsewhere; and for all other expenses, including rent outside of the District of Columbia, that may be necessary in executing the provisions of these acts, including such means as may be necessary for effectuating agreements heretofore or hereafter made with cotton associations, cotton exchanges, and other cotton organizations in foreign countries, for the adoption, use, and observance of universal standards of cotton classification, for the arbitration or settlement of disputes with respect thereto, and for the preparation, distribution, inspection, and protection of the practical forms or copies thereof under such agreements (*U. S. C., pp. 90, 91, secs. 51–65; pp. 788–791, secs. 731–752; act Jan. 18, 1927, vol. 44, pp. 998, 999*)	207,000.00	202,800.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Enforcement of the United States Cotton Futures Act and United States Cotton Standards Act—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
ENFORCEMENT OF UNITED STATES COTTON FUTURES ACT AND UNITED STATES COTTON STANDARDS ACT						
Departmental service—						
Salaries—						
Subprofessional service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 7, $2,100 to $2,700; average, $2,400—						
Principal scientific aid	9	$2,322	9	$2,322	9.3	$2,378
Grade 5, $1,680 to $2,040; average, $1,860—						
Scientific aid	5	1,704	5	1,704	5.4	1,695
Grade 4, $1,500 to $1,860; average, $1,680—						
Assistant scientific aid	7	1,500	5	1,500	5.3	1,486
Clerical, administrative, and fiscal service—						
Grade 12, $5,200 to $6,000; average $5,600—						
Chief marketing specialist	1	5,400	1	5,400	1	5,200
Grade 11, $3,800 to $5,000; average $4,400—						
Assistant chief marketing specialist	5	4,560	5	4,560	5.3	4,261
Specialist in cotton classing	3	3,800	3	3,800		
Grade 9, $3,000 to $3,600; average $3,300—						
Marketing specialist	2	3,000	2	3,000	1.5	3,000
Associate specialist in cotton classing					0.4	3,000
Grade 7, $2,400 to $3,000; average $2,700—						
Assistant marketing specialist	1	2,800	1	2,800	1.7	2,745
Junior administrative assistant	1	3,000	1	3,000	1	3,000
Assistant illustrator					1	2,450
Assistant administrative officer					1	2,700
Assistant in market exhibits	1	2,400	1	2,400	0.8	2,416
Grade 5, $1,860 to $2,400; average $2,111.42—						
Senior photographer	1	2,000	1	2,000	2	2,010
Grade 4, $1,680 to $2,040; average $1,860—						
Clerk	1	1,980	1	1,980	2.1	1,802
Grade 3, $1,500 to $1,860; average $1,680—						
Assistant clerk	1	1,560	1	1,560	1.5	1,540
Grade 2, $1,320 to $1,680; average $1,500—						
Junior clerk					0.3	1,320
Custodial service—						
Grade 4, $1,140 to $1,500; average $1,320—						
Assistant foreman of laborers	1	1,380	1	1,380	1	1,350
Grade 3, $1,020 to $1,260; average $1,140—						
Senior laborer	8	1,125	8	1,125	6	1,115
Minor custodian	1	1,080	1	1,080	1	1,080
Grade 2, $900 to $1,140; average $1,020—						
Junior laborer	4	960	4	960	3.3	964
Office laborer	2	930	2	930	2.7	926
Grade 1, $600 to $780; average, $690—						
Junior messenger	1	600	1	600		
Junior messenger (part time)					1	335
Total average number of employees	55		53		54.6	
Total salaries, departmental service		117,018.00		114,018.00		113,027.12
The difference between 1929 and 1928 is due to increase in force, $3,000.						
Field service:						
Salaries and wages—						
Salary range, $3,800 to $5,000; average, $4,400—						
Assistant chief marketing specialist	2	4,000	2	4,000	2	4,450
Specialist in cotton classing	1	4,000	1	4,000	1	3,900
Salary range, $3,000 to $3,600; average, $3,300—						
Marketing specialist	2	3,400	2	3,400	2	3,350
Assistant marketing economist	1	3,200	1	3,200	0.1	3,200
Salary range, $1,320 to $1,680; average, $1,500—						
Junior clerk	4	1,425	4	1,425	4	1,402
Total average number of regular employees	10		10		9.1	
Total salaries and wages, regular employees		27,700.00		27,700.00		25,428.00
Temporary and cooperative employees at salaries ranging from $1 to $1,600 per annum					1	121.59
Total number of employees	10		10		10.1	
Total salaries and wages, field service		27,700.00		27,700.00		25,549.59
01 Total personal service		144,718.00		141,718.00		138,576.71
Supplies and materials:						
0200 Stationery and office supplies		3,600.00		4,100.00		3,770.14
0206 Supplies for information work		2,500.00		3,000.00		2,030.10
0220 Scientific and educational supplies		900.00		900.00		845.83
0280 Sundry supplies		100.00		100.00		63.67
02 Total supplies and materials		7,100.00		8,100.00		6,709.74
Communication service:						
0500 Telegraph service		3,850.00		3,850.00		3,223.16
0510 Telephone service		1,200.00		1,200.00		916.49
0520 Other communication service		150.00		150.00		115.93
05 Total communication service		5,200.00		5,200.00		4,255.58

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Enforcement of the United States Cotton Futures Act and United States Cotton Standards Act—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
ENFORCEMENT OF UNITED STATES COTTON FUTURES ACT AND UNITED STATES COTTON STANDARDS ACT—con.			
Travel expenses:			
0615 Transportation	$19,500.00	$15,000.00	$19,455.71
0616 Subsistence	5,600.00	3,100.00	5,631.50
06 Total travel expense	25,100.00	18,100.00	25,087.21
07 Transportation of things	9,100.00	9,100.00	8,400.62
08 Photographing and making photographs and prints	50.00	50.00	10.55
10 Furnishing of heat, light, power, water, and electricity	50.00	50.00	26.09
11 Rents of buildings and structures	3,660.00	3,660.00	2,903.00
12 Repairs and alterations	1,600.00	1,600.00	1,402.30
13 Special and miscellaneous current expenses	150.00	150.00	109.45
Equipment:			
3010 Furniture, furnishings, and fixtures	3,100.00	3,500.00	3,494.27
3020 Educational, scientific, and recreational equipment	2,800.00	3,800.00	3,733.37
3050 Other equipment	672.00	1,572.00	569.06
30 Total equipment	6,572.00	8,872.00	7,796.70
33 Supplies purchased for resale	3,700.00	2,500.00	2,737.44
		199,100.00	198,015.39
Unobligated balance			4,784.61
Reserve		3,700.00	
Total	207,000.00	202,800.00	202,800.00

The following three items are revolving funds, are self-supporting, and are quite distinct from the appropriations of the bureau. Expenditures under these projects vary from year to year as they are dependent upon the demand for the service, but it is not possible to anticipate what that demand will be. Fees are collected for classing cotton and for other services which fully cover the costs of the service rendered:

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
CLASSIFICATION OF COTTON (REVOLVING FUND)						
Departmental service:						
Salaries—						
Subprofessional service—	*Average—*		*Average—*		*Average—*	
Grade 7, $2,100 to $2,700; average, $2,400—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Principal scientific aid	2	$2,300	2	$2,300	0.5	$2,400
Clerical, administrative, and fiscal service—						
Grade 11, $3,800 to $5,000; average, $4,400—						
Specialist in cotton classing	1	5,000	1	5,000	1.7	4,431
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	1	1,740	1	1,740		
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	1	1,560	1	1,560		
Custodial service—						
Grade 3, $1,020 to $1,380; average, $1,200—						
Senior laborer (part time)					1	205
Total average number of employees	5		5		3.2	
Total salaries, departmental service		12,900.00		12,900.00		8,938.49
Field service:						
Salaries and wages—						
Salary range, $3,800 to $5,000; average, $4,400—						
Assistant chief marketing specialist	4	4,550	4	4,550	4.8	4,385
Specialist in cotton classing	9	4,022	9	4,022	7.3	4,009
Salary range, $3,000 to $3,600; average, $3,300—						
Marketing specialist					0.5	3,600
Salary range, $2,400 to $3,000; average, $2,700—						
Assistant marketing specialist	1	2,600	1	2,600	1.4	2,616
Chief scientific aid	1	2,500	1	2,500	2.8	2,316
Salary range, $1,800 to $2,400; average, $2,111.42—						
Junior marketing specialist					0.6	2,400
Senior clerk	2	2,140	2	2,140	1.5	1,953
Salary range, $1,680 to $2,040; average, $1,860—						
Clerk	1	1,680	1	1,680	0.6	1,708
Salary range, $1,500 to $1,860; average, $1,680—						
Assistant clerk					2	1,600
Assistant scientific aid	5	1,560	5	1,560		
Salary range, $1,320 to $1,680; average, $1,500—						
Junior clerk	1	1,320	1	1,320	2.3	1,404
Salary range, $1,140 to $1,500; average, $1,320—						
Custodian of samples	4	1,320	4	1,320	2	1,440
Total average number of regular employees	28		28		25.8	
Total salaries and wages, regular employees		79,858.00		79,858.00		76,365.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Classification of Cotton (Revolving Fund)—Continued

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Field service—Continued.			
Salaries and wages—Continued.			
Temporary and cooperative employees at $1 to $2,400 per annum	*Average—* *No.* 30 *Salary*	*Average—* *No.* 30 *Salary*	*Average—* *No.* 25 *Salary*
Total salaries and wages, temporary and cooperative employees	$34,277.00	$34,277.00	$25,673.56
Total average number of employees	58	58	50.8
Total salaries and wages, field service	114,135.00	114,135.00	102,038.56
01 Total personal services	127,035.00	127,035.00	110,977.05
Supplies and materials:			
0200 Stationery and office supplies	500.00	500.00	493.76
0206 Supplies for information work	400.00	400.00	355.05
0220 Scientific and educational supplies	5.00	5.00	2.98
0280 Sundry supplies	600.00	600.00	549.05
02 Total supplies and materials	1,505.00	1,505.00	1,400.84
04 Maintenance of passenger cars	200.00	200.00	180.00
Communication service:			
0500 Telegraph service	400.00	400.00	302.02
0510 Telephone service	1,300.00	1,300.00	1,248.50
0520 Other communication service	50.00	50.00	43.19
05 Total communication service	1,750.00	1,750.00	1,593.71
Travel expenses:			
0615 Transportation	7,000.00	7,000.00	4,681.37
0616 Subsistence	6,000.00	6,000.00	5,230.74
06 Total travel expenses	13,000.00	13,000.00	9,912.11
07 Transportation of things	6,000.00	6,000.00	5,475.35
10 Furnishing of heat, light, power, water, and electricity	250.00	250.00	205.73
Rents:			
1100 Rents of buildings and structures	19,800.00	19,800.00	17,862.78
1110 Other rents	500.00	500.00	113.00
11 Total rents	20,300.00	20,300.00	17,975.78
12 Repairs and alterations	450.00	450.00	429.32
13 Special and miscellaneous current expenses	160.00	160.00	156.85
Equipment:			
3010 Furniture, furnishings, and fixtures	2,500.00	2,500.00	1,985.37
3020 Educational, scientific, and recreational equipment	150.00	150.00	109.51
3050 Other equipment	1,500.00	1,500.00	1,245.57
30 Total equipment	4,150.00	4,150.00	3,340.45
33 Stores purchased for resale	200.00	200.00	166.89
Total	175,000.00	175,000.00	151,814.08
RECEIPTS FROM SALE COTTON STANDARDS AND LOOSE COTTON AND PURCHASE OF COTTON FOR PREPARATION OF OFFICIAL COTTON STANDARDS (REVOLVING FUND)			
02 Scientific and educational supplies	200.00	200.00	170.80
33 Stores purchased for resale	39,800.00	39,800.00	43,659.16
Total	40,000.00	40,000.00	43,829.96
CLASSIFICATION OF SPOT COTTON AND LICENSING OF CLASSERS (REVOLVING FUND)			
Departmental service:			
Salaries—			
Subprofessional service—			
Grade 7, $2,100 to $2,700; average, $2,400—			
Principal laboratory aid			0.5 $2,646
Grade 4, $1,500 to $1,860; average, $1,680—			
Assistant scientific aid			0.1 1,500
Clerical, administrative, and fiscal service—			
Grade 11, $3,800 to $5,000; average, $4,400—			
Assistant chief marketing specialist	0.7 $4,200	0.7 $4,200	0.5 4,696
Grade 9, $3,000 to $3,600; average, $3,300—			
Marketing specialist			0.5 3,000
Associate specialist in cotton classing			0.3 3,000
Grade 3, $1,500 to $1,860; average, $1,680—			
Assistant clerk	1 1,500	1 1,500	
Grade 2, $1,320 to $1,680; average, $1,500—			
Junior clerk	1 1,620	1 1,620	
Total average number of regular employees	2.7	2.7	1.9
Total salaries and wages of regular employees	6,060.00	6,060.00	6,221.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Classification of Spot Cotton and Licensing of Classers (Revolving Fund)—Contd.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Departmental service—Continued.			
Salaries—Continued.	*Average—*	*Average—*	*Average—*
	No. *Salary*	*No.* *Salary*	*No.* *Salary*
Temporary and cooperative employees, salaries at $1 to $1,800 per annum			1
Total salaries and wages, temporary employees			$45.62
Total average number of employees	2.7	2.7	2.9
Total salaries, departmental service	$6,060.00	$6,060.00	6,266.62
Field service:			
Salaries and wages—			
Salary range, $2,100 to $2,700; average, $2,400—			
Chief scientific aid	2 2,500.00	2 2,500.00	
Temporary and cooperative employees, at $1 to $1,800 per annum	2	2	
Total salaries and wages, temporary employees	1,800.00	1,360.00	
Total number of employees	4	4	
Total salaries and wages, field service	6,800.00	6,360.00	
01 Total personal services	12,860.00	12,420.00	6,266.62
02 Stationery and office supplies	100.00	10.00	6.30
05 Telegraph service	50.00	50.00	.25
Travel expenses:			
0615 Transportation service	600.00	600.00	291.98
0616 Subsistence	230.00	230.00	97.50
06 Total travel expenses	830.00	830.00	389.48
13 Special and miscellaneous current expenses			1.50
Equipment:			
3010 Furniture, furnishings, and fixtures	100.00	440.00	
3020 Educational, scientific, and recreational equipment	60.00	250.00	16.00
30 Total equipment	160.00	690.00	16.00
Total	14,000.00	14,000.00	6,680.15

Enforcement of the United States Grain Standards Act—

To enable the Secretary of Agriculture to carry into effect the provisions of the United States grain standards act, including rent outside of the District of Columbia and the employment of such persons and means as the Secretary of Agriculture may deem necessary, in the city of Washington and elsewhere (*U. S. C., pp. 91, 93, secs. 71, 87; act Jan. 18, 1927, vol. 44, p. 999*) $758,650.00 $710,140.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Departmental service:			
Salaries—			
Subprofessional service—	*Average—*	*Average—*	*Average—*
	No. *Salary*	*No.* *Salary*	*No.* *Salary*
Grade 6, $1,860 to $2,400; average, $2,111.42—			
Senior library assistant	1 $2,300	1 $2,300	1 $2,300
Clerical, administrative, and fiscal service—			
Grade 12, $5,200 to $6,000; average, $5,600—			
Chief marketing specialist	1 5,200	1 5,200	0.7 5,200
Grade 11, $3,800 to $5,000; average, $4,400—			
Assistant chief marketing specialist			0.3 5,000
Administrative officer	1 4,400	1 4,400	1 4,200
Grade 7, $2,400 to $3,000; average, $2,700—			
Junior administrative assistant	1 3,000	1 3,000	1 2,950
Assistant marketing specialist	2 2,800	1 2,800	1 2,800
Grade 6, $2,100 to $2,700; average, $2,400—			
Principal clerk	1 2,400	1 2,400	1 2,360
Grade 5, $1,860 to $2,400; average, $2,111.42—			
Senior clerk	2 2,200	2 2,200	2 2,200
Grade 4, $1,680 to $2,040; average, $1,860—			
Clerk	3 1,820	3 1,820	2 1,800
Grade 3, $1,500 to $1,860; average, $1,680—			
Assistant clerk	2 1,680	1 1,680	1 1,680
Grade 2, $1,320 to $1,680; average, $1,500—			
Junior clerk	5 1,445	5 1,445	2.2 1,436
Junior operator, office devices	1 1,440	1 1,440	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Enforcement of the United States Grain Standards Act—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Departmental service—Continued.			
Salaries—Continued.			
Custodial service—	*Average—*	*Average—*	*Average—*
Grade 3, $1,020 to $1,260; average, $1,140—	*No.* *Salary*	*No.* *Salary*	*No.* *Salary*
Messenger	1 $1,080	1 $1,080	1 $1,080
Grade 2, $900 to $1,140; average, $1,020—			
Junior laborer (part time)			1 744
Total average number of employees	21	19	15.2
Total salaries, departmental service	45,465.00	41,385.00	34,352.79
The difference between 1929 and 1928 is due to increase in force, $4,080.			
Field service:			
Salaries and wages—			
Salary range, $3,800 to $5,000; average, $4,400—			
Assistant chief marketing specialist	17 4,082	17 4,082	17 3,857
Salary range, $3,000 to $3,600; average, $3,300—			
Marketing specialist	21 3,100	21 3,100	20 3,103
Salary range, $2,400 to $3,000; average, $2,700—			
Assistant marketing specialist	27 2,744	27 2,744	28.1 2,742
Salary range, $2,100 to $2,700; average, $2,400—			
Principal junior marketing specialist	39 2,272	36 2,286	33.6 2,267
Salary range, $1,860 to $2,400; average, $2,111.42—			
Junior marketing specialist	4 2,275	4 2,275	4.4 2,273
Salary range, $1,680 to $2,040; average, $1,860—			
Scientific aid	106 1,786	87 1,809	85.6 1,794
Clerk	2 1,860	2 1,860	2 1,860
Salary range, $1,500 to $1,860; average, $1,680—			
Assistant clerk	28 1,594	28 1,594	28.3 1,583
Salary range, $1,320 to $1,680, average, $1,500—			
Junior clerk	21 1,360	21 1,360	21.9 1,354
Salary range, $900 to $1,260; average, $1,080—			
Assistant messenger	2 900	2 900	2 900
Senior laborer (part time)			1 897
Total average number of employees	267	245	243.0
Total salaries and wages, field service	574,318.00	536,073.00	525,285.43
The difference between 1929 and 1928 is due to increase in force, $38,245.			
01 Total personal services	619,783.00	577,458.00	559,638.22
Supplies and materials:			
0200 Stationery and office supplies	3,400.00	2,900.00	2,808.16
0206 Supplies for information work	800.00	800.00	774.07
0220 Scientific and educational supplies	2,800.00	1,800.00	1,826.32
0280 Sundry supplies	550.00	550.00	518.77
02 Total supplies and materials	7,550.00	6,050.00	5,927.32
04 Subsistence and care of animals and storage and care of vehicles	5,000.00	5,000.00	4,109.05
Communication service:			
0500 Telegraph service	885.00	800.00	811.22
0510 Telephone service	6,100.00	6,100.00	6,131.54
0520 Other communication service	200.00	200.00	199.08
05 Total communication service	7,185.00	7,100.00	7,141.84
Travel expenses:			
0615 Transportation	19,600.00	17,900.00	17,749.44
0616 Subsistence	11,600.00	10,700.00	10,624.28
06 Total travel expenses	31,200.00	28,600.00	28,373.72
07 Transportation of things	8,200.00	7,900.00	7,884.31
10 Furnishing of heat, light, water, power, and electricity	900.00	900.00	897.17
Rents:			
1100 Rents of buildings and structures	56,750.00	56,750.00	56,748.43
1110 Other rents	970.00	970.00	965.32
11 Total rents	57,720.00	57,720.00	57,713.75
12 Repairs and alterations	5,700.00	5,700.00	5,710.08
13 Special and miscellaneous current expenses	790.00	790.00	791.86
Equipment:			
3000 Passenger-carrying vehicles	2,350.00	2,350.00	1,428.69
3010 Furniture, furnishings, and fixtures	2,300.00	1,750.00	2,138.72
3020 Educational, scientific, and recreational equipment	3,222.00	1,822.00	2,341.48
3050 Other equipment	6,750.00	5,000.00	6,598.08
30 Total equipment	14,622.00	10,922.00	12,506.97
Unobligated balance		708,140.00	690,694.29
Reserve		2,000.00	1,385.71
Total	758,650.00	710,140.00	692,080.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Administration of the United States Warehouse Act— To enable the Secretary of Agriculture to carry into effect the provisions of the United States warehouse act, including the payment of such rent outside of the District of Columbia and the employment of such persons and means as the Secretary of Agriculture may deem necessary, in the city of Washington and elsewhere (*U. S. C., pp. 107–110, secs. 241–273; act Jan. 18, 1927, vol. 44, p. 999*)	$240,320.00	$241,820.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Clerical, administrative, and fiscal service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 12, $5,200 to $6,000; average, $5,600—						
Chief marketing specialist	1	$5,400	1	$5,400	1	$5,200
Grade 11, $3,800 to $5,000; average, $4,400—						
Assistant chief marketing specialist	2	3,800	2	3,800	1.6	3,760
Grade 9, $3,000 to $3,600; average, $3,300—						
Marketing specialist	2	3,300	2	3,300	0.7	3,392
Warehouse examiner					0.5	3,000
Grade 7, $2,400 to $3,000; average, $2,700—						
Assistant marketing specialist	3	2,766	3	2,766	2.8	2,750
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk					1	2,700
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	2	2,300	2	2,300	2	2,300
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	1	1,920	1	1,920	1	1,860
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	2	1,500	2	1,500	2	1,440
Grade 1, $1,140 to $1,500; average, $1,320—						
Junior operator, office devices	2	1,290	2	1,290	-------	-------
Custodial service—						
Grade 1, $600 to $780; average, $690—						
Junior messenger	1	600	1	600	1	614
Total average number of employees	16		16		13.6	
Total salaries, departmental service		40,598.00		40,598.00		35,444.73
Field service:						
Salaries and wages—						
Salary range, $3,800 to $5,000; average, $4,400—						
Assistant chief marketing specialist	2	4,100	2	4,100	2	4,000
Salary range, $3,000 to $3,600; average, $3,300—						
Marketing specialist	4	3,266	4	3,266	3.7	3,108
Associate agronomist					0.2	3,000
Salary range, $2,400 to $3,000; average, $2,700—						
Assistant marketing specialist	26	2,569	26	2,569	26	2,512
Investigator in warehousing	1	2,400	1	2,400	-------	
Salary range, $1,860 to $2,400; average, $2,111.42—						
Junior agricultural statistician					0.7	1,860
Junior marketing specialist	1	1,920	1	1,920	-------	
Junior warehouse examiner					1	1,860
Salary range, $1,500 to $1,860; average, $1,680—						
Assistant clerk	5	1,668	5	1,668	5.1	1,653
Salary range, $1,320 to $1,680; average, $1,500—						
Junior clerk	2	1,440	2	1,440	2.2	1,477
Total average number of regular employees	41		41		40.9	
Total salaries and wages, regular employees		103,598.00		103,598.00		100,254.00
Temporary and cooperative employees, at $600 to $1,800 per annum	9		9		9	
Total salaries and wages, temporary and cooperative employees		5,148.00		5,148.00		3,468.41
Total number of employees	50		50		49.9	
Total salaries and wages, field service		108,746.00		108,746.00		103,722.41
01 Total personal services		149,344.00		149,344.00		139,167.14
Supplies and materials:						
0200 Stationery and office supplies		1,700.00		1,700.00		1,486.25
0206 Supplies for information work		400.00		400.00		320.18
0220 Scientific and educational supplies		300.00		300.00		247.88
0280 Sundry supplies		100.00		100.00		65.76
02 Total supplies and materials		2,500.00		2,500.00		2,120.07
04 Subsistence and care of animals and storage and care of vehicles		850.00		850.00		491.84
Communication service:						
0500 Telegraph service		575.00		575.00		534.26
0510 Telephone service		625.00		625.00		606.85
0520 Other communication service		50.00		50.00		53.33
05 Total communication service		1,250.00		1,250.00		1,194.44
Travel expenses:						
0615 Transportation		31,500.00		30,000.00		23,544.36
0616 Subsistence		46,076.00		44,076.00		37,340.07
06 Total travel expenses		77,576.00		74,076.00		60,884.43
07 Transportation of things		1,100.00		1,100.00		1,112.05

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation); date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Administration of the United States Warehouse Act—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Rents:			
1100	Rents of buildings and structures	$2,300.00	$2,300.00	$2,246.00
1110	Other rents			.75
11	Total rents	2,300.00	2,300.00	2,246.75
12	Repairs and alterations	1,700.00	1,700.00	1,621.40
13	Special and miscellaneous current expenses	175.00	175.00	163.94
	Equipment:			
3000	Passenger-carrying vehicles	2,500.00	2,500.00	1,606.05
3010	Furniture, furnishings, and fixtures	500.00	500.00	1,224.84
3020	Educational, scientific, and recreational equipment	300.00	300.00	147.85
3050	Other equipment	225.00	225.00	177.35
30	Total equipment	3,525.00	3,525.00	3,156.09
	Unobligated balance		236,820.00	212,158.15
	Reserve		5,000.00	2,721.85
	Total	240,320.00	241,820.00	214,880.00

[*Enforcement of the Standard Container Act*—

To enable the Secretary of Agriculture to carry into effect the act entitled "An act to fix standards for Climax baskets for grapes and other fruits and vegetables, and to fix standards for baskets and other containers for small fruits, berries, and vegetables, and for other purposes," approved August 31, 1916, including the employment of such persons and means as the Secretary of Agriculture may deem necessary, in the city of Washington and elsewhere, $5,000.]

Enforcement of the Standard Container and Produce Agency Acts—

To enable the Secretary of Agriculture to carry into effect the act entitled "An act to fix standards for climax baskets for grapes and other fruits and vegetables, and to fix standards for baskets and other containers for small fruits, berries, and vegetables, and for other purposes," approved August 31, 1916, and the act entitled "An act to prevent the destruction or dumping, without good and sufficient cause therefor, of farm produce received in interstate commerce by commission merchants and others and to require them truly and correctly to account for all farm produce received by them," approved March 3, 1927, including the purchase of such perishable farm products as may be necessary for detection of violations of the latter act: Provided, That all receipts from the sale of such products shall be credited to this appropriation, and shall be reexpendable therefrom, and including the employment of such persons and means as the Secretary of Agriculture may deem necessary in the city of Washington and elsewhere (U. S. C., p. 377, secs. 251–256; act Jan. 18, 1927, vol. 44, p. 999) $30,000.00 $5,000.00

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Departmental service:						
	Salaries—						
	Clerical, administrative, and fiscal service—	*Average—*		*Average—*		*Average—*	
	Grade 11, $3,800 to $5,000; average, $4,400—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Assistant chief marketing specialist	1	$3,800				
	Grade 9, $3,000 to $3,600; average, $3,300—						
	Marketing specialist	3	3,200	1	$3,600	1	$3,600
	Grade 7, $2,400 to $3,000; average, $2,700—						
	Assistant marketing specialist	3	2,400				
	Grade 2, $1,320 to $1,680; average, $1,500—						
	Junior clerk	1	1,320				
	Total number of employees	8		1		1	
01	Total salaries, departmental service		21,920.00		3,600.00		3,600.00
	The difference between 1929 and 1928 is due to increase in force, $18,320.						
	Supplies and materials:						
0200	Stationery and office supplies		1,175.00		200.00		168.30
0206	Supplies for information work		50.00				32.47
0220	Scientific and educational supplies		25.00				.65
0280	Sundry supplies		50.00				
02	Total supplies and materials		1,300.00		200.00		201.42
	Communication service:						
0500	Telegraph service		60.00		30.00		31.10
0510	Telephone service		100.00		60.00		60.59
05	Total communication service		160.00		90.00		91.69

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Enforcement of the Standard Container and Produce Agency Acts—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Travel expenses:			
0615	Transportation	$3,075.00	$375.00	$275.01
0616	Subsistence	2,185.00	85.00	100.25
06	Total travel expenses	5,260.00	460.00	375.26
07	Transportation of things	275.00	175.00	176.27
12	Repairs and alterations	200.00	150.00	149.48
13	Special and miscellaneous current expenses	135.00	75.00	75.80
	Equipment:			
3010	Furniture, furnishings, and fixtures	645.00	195.00	99.95
3020	Educational, scientific, and recreational equipment	105.00	5.00	5.00
30	Total equipment	750.00	200.00	104.95
	Unobligated balance		4,950.00	4,774.87
				225.13
	Reserve		50.00	
	Total	30,000.00	5,000.00	5,000.00

Salaries and Expenses, Wool Division, Bureau of Agricultural Economics—

To enable the Bureau of Agricultural Economics to complete the work of the domestic wool section of the War Industries Board and to enforce Government regulations for handling the wool clip of 1918 as established by the wool division of said board, pursuant to the Executive order dated December 31, 1918, transferring such work to the said bureau, [$3,000] *$8,000*, and to continue as far as practicable, the distribution among the growers of the wool clip of 1918 of all sums heretofore or hereafter collected or recovered with or without suit by the Government from all persons, firms, or corporations which handled any part of the wool clip of 1918 (*Executive order Dec. 31, 1918; act Jan. 18, 1927, vol. 44, p. 999*) ..... $8,000.00 | $3,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Departmental service:			
	Salaries—			
	Clerical, administrative and fiscal service—	*Average—*	*Average—*	*Average—*
	Grade 9, $3,000 to $3,600; average $3,300—	*No. Salary*	*No. Salary*	*No. Salary*
	Senior administrative assistant			0.5 $3,200
	Grade 7, $2,400 to $3,000; average $2,700—			
	Junior administrative assistant	1 $3,000	0.9 $3,000	1 2,992
	Total average number of regular employees	1	0.9	1.5
	Total salaries of regular employees	3,000.00	2,700.00	4,592.00
	Total salaries of temporary employees			1 602.96
	Total average number of employees	1	0.9	2.5
01	Total salaries, departmental service	3,000.00	2,700.00	5,194.96
	Supplies and materials:			
0200	Stationery and office supplies	15.00	15.00	36.01
0206	Supplies for information work			.52
0220	Scientific and educational supplies	60.00	60.00	59.00
02	Total supplies and materials	75.00	75.00	95.53
	Communication service:			
0500	Telegraph service	10.00	10.00	14.64
0510	Telephone service			62.36
05	Total communication service	10.00	10.00	77.00
	Travel expenses:			
0615	Transportation	3,100.00	100.00	302.48
0616	Subsistence	1,780.00	80.00	169.75
06	Total travel expenses	4,880.00	180.00	472.23
12	Repairs and alterations	10.00	10.00	73.06
13	Special and miscellaneous current expenses	5.00	5.00	36.81
	Equipment:			
3010	Furniture, furnishings, and fixtures	10.00	10.00	22.49
3020	Educational, scientific, and recreational equipment	10.00	10.00	11.66
30	Total equipment	20.00	20.00	34.15
	Unobligated balance			5,983.74
				306.26
	Total	8,000.00	3,000.00	6,290.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Operation of Center Market, Washington, D. C.—		
Operation and management: To enable the Secretary of Agriculture, in carrying out the provisions of the act of March 4, 1921, [(Forty-first Statutes at Large, page 1441)] to pay for ice, electricity, gas, fuel, travel, stationery, printing, telegrams, telephones, labor, supplies, materials, equipment, miscellaneous expenses, necessary repairs and alterations, to be reimbursed by any person for whose account any such expenditure may be made: *Provided*, That the Secretary of Agriculture may purchase necessary supplies and equipment for use at Center Market, without regard to awards made by General Supply Committee; to continue the employment of the necessary persons under the conditions in existence at the time of the taking over of the property by the Secretary of Agriculture, with such changes thereof as he may find necessary; to provide a fund for the payment of freight, express, drayage, and other charges and claims against the commodities accepted for storage, and to require reimbursement thereof with interest at the rate of 6 per centum per annum under such rules as the Secretary of Agriculture may prescribe, and to remove, sell, or otherwise dispose of such commodities held as security for such payment when such reimbursement is not made when due, all reimbursement of such payments and all receipts from such disposition of commodities to be credited to such fund and to be reexpendable therefrom; and to use such other means as the Secretary of Agriculture may find necessary for the proper occupancy and use by the Government and its tenants of said property, [$171,000] *$165,000*: *Provided*, That not more than $500 may be used for the payment of claims for the loss of or damage to goods while in storage in Center Market that have accrued or may accrue at any time during the operation thereof by the Secretary of Agriculture in accordance with such regulations as he may prescribe (*acts Mar. 4, 1921, vol. 41, p. 1441; Jan. 18, 1927, vol. 44, pp. 999, 1000*)	$165,000.00	$171,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
Grade 3, $3,000 to $3,600; average, $3,300—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Scientist	1	$3,600	1	$3,600	1	$3,500
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant scientist	1	2,600	1	2,600	1	2,600
Subprofessional service—						
Grade 6, $1,860 to $2,400; average, $2,111.42—						
Senior scientific aid	1	1,920	1	1,920	0.1	1,890
Clerical, administrative and fiscal service—						
Grade 11, $3,800 to $5,000; average, $4,400—						
Administrative officer	1	4,000	1	4,000	0.6	4,400
Grade 10, $3,300 to $3,900; average, $3,600—						
Junior administrative officer					0.5	3,700
Grade 8, $2,760 to $3,300; average, $3,000—						
Administrative assistant	1	2,800	1	2,800	0.5	2,700
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	1	2,700	1	2,700	1.5	2,700
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	2	1,710	2	1,710	2	1,695
Custodial service—						
Grade 3, $1,020 to $1,260; average, $1,140—						
Guard (watchman)	6	1,090	6	1,090	6.2	1,069
Senior laborer	1	1,200	1	1,200	1	1,200
Grade 2, $900 to $1,140; average, $1,020—						
Junior laborer	1	900	1	900	1	900
Per diem and other unclassified employees—						
Chief engineer	1	4,000	1	4,000	1	4,000
Cold storage supervisor					0.2	2,500
Engineers	3	2,628	3	2,628	3	2,628
Engineer and electrician	1	2,480	1	2,480	1	2,480
Engineer and pipe fitter	1	2,480	1	2,480	1	2,384
Carpenter	1	2,191	1	2,191	1	2,113
Tinner	1	2,035	1	2,035	1	1,956
Fireman	3	1,642	3	1,642	3	1,642
Cold storage assistants	8	1,485	8	1,485	6.3	1,494
Plumber	1	1,095	1	1,095	1	1,095
Elevator operator	2	1,142	2	1,142	2	1,137
Laborers	18	1,167	18	1,167	17.8	1,141
Total number of regular employees	56		56		53.7	
Total salaries, departmental service		91,941.00		91,941.00		87,631.00
Temporary employees and overtime		1,059.00		1,059.00		3,120.61
01 Total personal services		93,000.00		93,000.00		90,751.61
Supplies and materials:						
0200 Stationery and office supplies		450.00		450.00		434.16
0206 Supplies for information work						4.43
0230 Fuel		3,500.00		3,500.00		5,448.83
0280 Sundry supplies		3,000.00		3,000.00		2,198.82
02 Total supplies and materials		6,950.00		6,950.00		8,086.24

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Operation of Center Market, Washington, D. C.—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Communication service:			
0500	Telegraph service	$25.00	$25.00	
0510	Telephone service	475.00	475.00	$435.42
05	Total communication service	500.00	500.00	435.42
	Travel expenses:			
0615	Transportation	200.00	200.00	
0616	Subsistence	200.00	200.00	
06	Total travel expenses	400.00	400.00	
07	Transportation of things	1,000.00	1,000.00	2,377.69
09	Advertising	100.00	100.00	27.79
10	Furnishing of heat, light, power, water, and electricity	33,600.00	33,600.00	32,918.10
12	Repairs and alterations	24,000.00	24,000.00	24,139.79
13	Special and miscellaneous current expenses	1,500.00	1,500.00	75.94
	Equipment:			
3010	Furniture and fixtures	450.00	450.00	304.96
3020	Educational and scieutific equipment			125.87
3050	Other equipment	3,500.00	6,000.00	4,778.82
30	Total equipment	3,950.00	6,450.00	5,209.65
	Unobligated balance		167,500.00	164,022.23
	Reserve		3,500.00	6,977.77
	Total	165,000.00	171,000.00	171,000.00

Total, Bureau of Agricultural Economics, [$5,016,251] *$5,630,030*, of which amount not to exceed [$1,881,600] *$2,078,800* may be expended for personal services in the District of Columbia ..... $5,630,030.00 | $5,016,251.00

BUREAU OF HOME ECONOMICS

Salaries and Expenses, Bureau of Home Economics—

For necessary expenses for general administrative purposes, including the salary of chief of bureau and other personal services in the District of Columbia (*U. S. C., p. 56, secs. 511, 512; acts June 5, 1924, vol. 43, p. 455; Jan. 18, 1927, vol. 44, p. 1000*) $17,281.00

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Departmental service:						
	Salaries—						
	Professional and scientific service—	*Average—*		*Average—*		*Average—*	
	Grade 6, $6,000 to $7,500; average, $6,750—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Chief scientist	1	$6,000	1	$6,000	1	$6,000
	Grade 1, $1,860 to $2,400; average, $2,111.42—						
	Junior librarian	1	2,000	1	2,000	1	2,000
	Clerical, administrative, and fiscal service—						
	Grade 5, $1,860 to $2,400; average, $2,111.42—						
	Senior clerk	3	1,953	3	1,953	3	1,900
	Total average number of employees	5		5		5	
01	Total salaries, departmental service		14,000		14,000		13,700
	Supplies and materials:						
0200	Stationery and office supplies		1,100.00		1,100.00		1,185.69
0230	Fuel		72.00		72.00		73.85
02	Total supplies and materials		1,172.00		1,172.00		1,259.54
	Communication service:						
0500	Telegraph service		30.00		30.00		31.00
0510	Telephone service		750.00		750.00		745.65
05	Total communication service		780.00		780.00		776.65
	Travel expenses:						
0615	Transportation		650.00		650.00		653.62
0616	Subsistence and per diem		350.00		350.00		347.21
06	Total travel expenses		1,000.00		1,000.00		1,000.83
07	Transportation of things (service)		151.00		151.00		153.23
10	Furnishing of heat, light, and power		178.00		178.00		178.99
	Unobligated balance						17,069.24
							211.76
	Total		17,281.00		17,281.00		17,281.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Salaries and Expenses, Bureau of Home Economics—Continued. To enable the Secretary of Agriculture to investigate the relative utility and economy of agricultural products for food, clothing, and other uses in the home, with special suggestions of plans and methods for the more effective utilization of such products for these purposes, and to disseminate useful information on this subject, including the employment of labor in the city of Washington and elsewhere, supplies, and all other necessary expenses, [$109,963] (*U. S. C., p. 56, secs. 511, 512; acts June 5, 1924, vol. 43, p. 455; Jan. 18, 1927, vol. 44, p. 1000*)	$120,000.00	

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average— No.	*Salary*	*Average—* No.	*Salary*	*Average—* No.	*Salary*
Departmental service:						
Salaries—						
Professional and scientific service—						
Grade 5, $5,200 to $6,000; average, $5,600—						
Senior economic analyst	1	$5,200	1	$5,200	1	$5,200
Grade 4, $3,800 to $5,000; average, $4,400—						
Scientist	4	4,200	4	4,200	3	4,300
Economist	2	4,000	2	4,000	2	3,800
Grade 2, $3,000 to $3,600; average, $3,300—						
Associate scientist	3	3,166	3	3,166	3.6	3,150
Associate economist	1	3,000	1	3,000	1	3,000
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant scientist	5	2,480	5	2,480	6	2,533
Grade 1, $1,860 to $2,400; average, $2,111.42—						
Junior scientist	4	1,955	4	1,955	4	1,955
Subprofessional service—						
Grade 6, $1,860 to $2,400; average, $2,111.42—						
Assistant chief dietitian	1	1,860	1	1,860	0.6	1,860
Grade 4, $1,500 to $1,860; average, $1,680—						
Assistant scientific aid	1	1,740	1	1,740	1.3	1,680
Grade 3, $1,320 to $1,680; average, $1,500—						
Junior scientific aid	1	1,380	1	1,380	1	1,320
Grade 1, $900 to $1,260; average, $1,080—						
Minor scientific helper	1	1,020	1	1,020	1	960
Clerical, administrative, and fiscal service—						
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	3	1,860	1	1,860	1.3	1,860
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	1	1,920	1	1,920	1	1,860
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk-stenographer	9.5	1,605	7.5	1,628	6.8	1,605
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	10	1,424	8	1,410	8.2	1,368
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	2	1,260	2	1,260	1.7	1,220
Custodial service:						
Grade 2, $900 to $1,140; average, $1,020—						
Junior laborer	4	930	4	930	3.7	915
Grade 1, $600 to $780; average, $690—						
Junior messenger	1	630	1	630	1	600
Total average number of employees	54.5		48.5		48.2	
Total salaries departmental service		113,000.00		103,000.00		100,920.63
The difference between 1929 and 1928 is due to increase in force, $10,000.						
Field service:						
Salaries and wages—						
Salary range, $3,000 to $3,600; average, $3,300—						
Associate home economics specialist					0.3	3,000.00
Total average number of employees					0.3	
Total salaries and wages, field service						3,000.00
01 Total personal services		113,000.00		103,000.00		101,670.63
Supplies and materials:						
0220 Scientific and educational supplies		2,888.00		1,351.00		2,851.69
0280 Sundry supplies		100.00		100.00		40.20
0290 Materials not allocated		10.00		10.00		10.00
02 Total supplies and materials		2,998.00		1,461.00		2,901.89
Travel expenses:						
0615 Transportation		750.00		750.00		711.31
0616 Subsistence and per diem		250.00		250.00		230.23
06 Total travel expenses		1,000.00		1,000.00		941.54
12 Repairs and alterations		920.00		920.00		1,360.45
Equipment:						
3010 Furniture, furnishings, and fixtures		717.00		717.00		2,717.84
3020 Educational, scientific, and recreational equipment		1,300.00		800.00		1,163.82
3050 Other equipment		65.00		65.00		65.48
30 Total equipment		2,082.00		1,582.00		3,947.14
				107,963.00		110,821.65
Deduct amount received from Bureau of Animal Industry						1,000.00
						109,821.65
Unobligated balance						141.35
Reserve				2,000.00		
Total		120,000.00		109,963.00		109,963.00
Total, Bureau of Home Economics, [$127,244] *$137,281*, of which amount not to exceed [$117,000] *$127,000* may be expended for personal services in the District of Columbia	$137,281.00					$127,244.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
[FEDERAL HORTICULTURAL BOARD]		
[For salaries and the employment of labor in the city of Washington and elsewhere, furniture, supplies, traveling expenses, rent outside of the District of Columbia, and for all other necessary expenses, as follows:]		
[For necessary expenses for general administrative purposes, including personal services in the District of Columbia, $49,730.]		
[To enable the Secretary of Agriculture to carry into effect the provisions of the act of August 20, 1912, as amended, entitled "An act to regulate the importation of nursery stock and other plants and plant products; to enable the Secretary of Agriculture to establish and maintain quarantine districts for plant diseases and insect pests; to permit and regulate the movement of fruits, plants, and vegetables therefrom, and for other purposes"; to prevent the movement of cotton and cotton seed from Mexico into the United States, including the regulation of the entry into the United States of railway cars and other vehicles, and freight, express, baggage, or other materials from Mexico, and the inspection, cleaning, and disinfection thereof; to inspect, under such rules and regulations as the Secretary of Agriculture may prescribe, domestic fresh fruits, vegetables, and seeds, and nursery stock and other plants for propagation, when offered for export, and to certify to shippers and interested parties as to the freedom of such products from injurious plant diseases and insect pests according to the sanitary requirements of foreign countries, and to make such reasonable charges and to use such means as may be necessary to accomplish this object: *Provided*, That any moneys received in payment of charges fixed by the Secretary of Agriculture on account of such cleaning and disinfection at plants constructed therefor out of any appropriation made on account of the pink bollworm of cotton and such inspection and certification shall be covered into the Treasury as miscellaneous receipts, $468,180.]		
[In all, salaries and general expenses, $517,910.]		
[*Eradication of Pink Bollworm*]		
[To enable the Secretary of Agriculture to meet the emergency caused by the existence of the pink bollworm of cotton in Mexico, and to prevent the establishment of such insect in the United States by the employment of all means necessary, including rent outside of the District of Columbia and the employment of persons and means in the city of Washington and elsewhere, $242,800, as follows:]		
[To make surveys to determine the actual distribution of the pink bollworm in Mexico and to exterminate local infestations in Mexico near the border of the United States, in cooperation with the Mexican Government or local Mexican authorities, $8,860.]		
[To investigate in Mexico or elsewhere the pink bollworm as a basis for control measures, $5,000.]		
[To conduct surveys and inspections in Texas or in any other State, to detect any infestation and to conduct such control measures, including the establishment of cotton-free areas, in cooperation with the State of Texas or other States concerned, as may be necessary to stamp out such infestation, to establish in cooperation with the States concerned a zone or zones free from cotton culture on or near the border of any State or States adjacent to Mexico, and to cooperate with the Mexican Government or local Mexican authorities, or otherwise, by undertaking in Mexico such measures for the extermination of the pink bollworm of cotton as shall be determined to be practicable from surveys showing its distribution, $228,940: *Provided*, That not to exceed $200,000 may be available for reimbursement to cotton-growing States for expenses incurred by them in connection with losses due to enforced nonproduction of cotton in certain zones in the manner and upon the terms and conditions set forth in Senate Joint Resolution Numbered 72, approved August 9, 1921: *Provided further*, That no part of the money herein appropriated shall be used to pay the cost or value of crops or other property injured or destroyed].		
[*Eradication of the Parlatoria Date Scale*—]		
[To enable the Secretary of Agriculture to meet the emergency caused by the existence of the Parlatoria date scale in California, Arizona, or any other State, and to provide means for the extermination of this insect in California, Arizona, or elsewhere in the United States, in cooperation with the States concerned, $19,000.]		
[*Thurberia weevil quarantine*—]		
[To enable the Secretary of Agriculture to establish a quarantine to prevent the spread of the Thurberia weevil, under the Federal plant quarantine act of August 20, 1912, as amended, including the employment of persons and means in the city of Washington and elsewhere, cooperation with the States, and all other necessary expenses, $32,800.]		
[Total, Federal Horticultural Board, $812,510, of which amount not to exceed $157,000 may be expended for personal services in the District of Columbia.]		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

PLANT QUARANTINE AND CONTROL ADMINISTRATION

NOTE.—It is proposed to establish in the department a unit to be known as the Plant Quarantine and Control Administration to conduct the work of enforcement of the plant quarantine act and regulatory activities of the department relating to the control and prevention of spread of diseases and insect pests of plants and plant products. It is proposed to transfer to the new administration the present regulatory activities of the Federal Horticultural Board, that portion of the work of the Bureau of Entomology pertaining to the control and prevention of spread of insects and the maintenance and enforcement of quarantines on insect pests, and that portion of the work of the Bureau of Plant Industry pertaining to the prevention of spread of the white-pine blister rust. To the Bureau of Entomology will be transferred the research work under the appropriations "Suppressing spread of pink bollworm of cotton" and "Eradication of the Parlatoria date scale," the control and prevention of spread activities being retained in the new administration. The segregation of research and regulatory work will make for more effective results in both fields of work.

For the efficient administration of the varied activities with which the new administration will be charged the regulatory phases of the appropriations "Preventing spread of moths," "Prevention of spread of the European corn borer," and "Preventing spread of the Japanese and Asiatic beetles" under the Bureau of Entomology and "Eradication of pink bollworm," "Eradication of the Parlatoria date scale," and "Thurberia weevil quarantine" under the Federal Horticultural Board, have been included as subappropriation items under the Plant Quarantine and Control Administration. This change has made it possible to greatly simplify the appropriation language at present carried under the heading "Federal Horticultural Board" by enumerating the essential points for all subappropriations in the preamble.

Salaries and Expenses, Plant Quarantine and Control Administration—

To enable the Secretary of Agriculture to carry into effect the provisions of the plant quarantine act of August 20, 1912, as amended, and to conduct the other activities hereinafter authorized, independently or in cooperation with the States and other agencies concerned, including necessary expenses for supplies and equipment, rent outside the District of Columbia, and the employment of necessary persons and means in the city of Washington and elsewhere, as follows (U. S. C., p. 56, secs. 511, 512; p. 95, secs. 111–114; pp. 98–101, secs. 141–167; act Jan. 18, 1927, vol. 44, pp. 985, 986, 993, 994, 1000–1002):

For necessary expenses for general administrative purposes, including the salary of chief of administration and other personal services in the District of Columbia (U. S. C., p. 56, secs. 511, 512; p. 95, secs. 111–114; pp. 98–101, secs. 141–167; act Jan. 18, 1927, vol. 44, pp. 985, 986, 993, 994, 1000–1002) $68,610.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average—		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Departmental service:						
Salaries—						
Professional and scientific service—						
Grade 6, $6,000 to $7,500; average, $6,750—						
Chief of administration	1	$6,000				
Clerical, administrative, and fiscal service—						
Grade 9, $3,000 to $3,600; average, $3,300—						
Senior administrative assistant	1	$3,600	1	$3,600	1	$3,600
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant	1	3,000	1	3,000	1	2,850
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	3	2,533	2	2,700	2	2,700
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	3	2,040	3	2,040	3	2,040
Principal stenographer	1	1,680	1	1,680	1	1,752
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk-stenographer	5	1,500	3	1,500	1.6	1,545
Assistant clerk	3	1,680	2	1,770	2	1,755
Senior stenographer	2	1,590	1	1,680	1	1,680
Senior operator	2	1,500				
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior stenographer					0.3	1,320
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	1	1,140				
Custodial service—						
Grade 3, $1,020 to $1,260; average, $1,140—						
Senior laborer	1	1,020	1	1,020	1	1,140
Grade 2, $900 to $1,140; average, $1,020—						
Charwoman	1	1,020	1	1,020	1	960
Assistant messenger	2	1,020	2	1,020	0.9	993
Grade 1, $600 to $780; average, $690—						
Junior messenger	1	630	1	630	0.9	600
Total average number employees	28		19		16.7	
01 Total salaries, departmental service		52,570.00		34,230.00		31,391.11
The difference between 1929 and 1928 is due to increase in force (transfer from general administration, Bureau of Entomology), $18,880.						
Supplies and materials:						
0200 Stationery and office supplies		2,100.00		2,600.00		1,531.19
0220 Scientific supplies		50.00		271.00		9.33
0280 Sundry supplies		300.00		200.00		63.79
02 Total supplies and materials		2,450.00		3,071.00		1,604.31
Communication service:						
0500 Telegraph service		100.00		100.00		69.34
0510 Telephone service		400.00		500.00		220.32
0520 Other communication service		10.00		10.00		.52
05 Total communication service		510.00		610.00		290.18

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Plant Quarantine and Control Administration—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Travel expenses:			
0615 Transportation	$3,200.00	$2,000.00	$532.75
0616 Subsistence	2,720.00	1,500.00	391.50
06 Total travel expenses	5,920.00	3,500.00	924.25
07 Transportation of things (service)	40.00	90.00	11.39
09 Advertising and publication of notices	2,500.00	2,500.00	1,081.50
12 Repairs and alterations	200.00	400.00	193.75
13 Special and miscellaneous current expenses	100.00	129.00	12.15
30 Furniture, furnishings, and fixtures	4,320.00	4,700.00	320.60
		49,230.00	35,829.24
Unobligated balance			554.76
Reserve		500.00	
Total	68,610.00	49,730.00	36,384.00

For enforcement of foreign plant quarantines and to prevent the movement of cotton and cotton seed from Mexico into the United States, including the regulation of the entry into the United States of railway cars and other vehicles, and freight, express, baggage, or other materials from Mexico, and the inspection, cleaning, and disinfection thereof, including construction and repair of necessary buildings, plants and equipment, for the fumigation, disinfection, or cleaning of products, railway cars, or other vehicles entering the United States from Mexico, $500,000: Provided, That any moneys received in payment of charges fixed by the Secretary of Agriculture on account of such cleaning and disinfection shall be covered into the Treasury as miscellaneous receipts (U. S. C., p. 56, secs. 511, 512; p. 95, secs. 111–114; pp. 98–101, secs. 141–167; act. Jan. 18, 1927, vol. 44, pp. 993, 994, 985, 986, 1000–1002) $500,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 5, $5,200 to $6,000; average, $5,600—						
Senior scientist	1	$5,200	1	$5,200	0.1	$5,200
Grade 4, $3,800 to $5,000; average, $4,400—						
Scientist	3	3,800	2	3,800	2.8	4,214
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate scientist	5	3,360	5	3,360	5.9	3,381
Associate chemist	0.4	3,000	0.4	3,000	1	3,000
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant scientist	8	2,700	8	2,700	8.1	2,648
Grade 1, $1,860 to $2,400; average, $2,111.42—						
Junior scientist	1	2,400	1	2,400	1.7	2,202
Subprofessional service—						
Grade 6, $1,860 to $2,400; average, $2,111.42—						
Senior scientific aid	1	1,920	1	1,920	1	1,860
Grade 2, $1,140 to $1,500; average, $1,320—						
Assistant gardener	1	1,260	1	1,260	0.2	1,200
Clerical, administrative, and fiscal service—						
Grade 10, $3,300 to $3,900; average, $3,600—						
Junior administrative officer	1	3,600	1	3,600	1	3,600
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	1	2,600	1	2,600	1	2,600
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	2	1,740	2	1,740	2	1,740
Clerk-stenographer	1	2,040	1	2,040	1	2,040
Principal stenographer	2	1,770	2	1,770	2	1,800
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	6	1,740	6	1,740	5	1,704
Senior stenographer	2	1,590	2	1,590	0.6	1,590
Assistant clerk-stenographer					0.6	1,520
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	5	1,392	5	1,392	3.8	1,481
Junior stenographer	4	1,380	4	1,380	3.5	1,410
Junior clerk-typist	2	1,530	2	1,530	1.6	1,481
Junior clerk-stenographer	3	1,500	3	1,500	3.3	1,515
Custodial service—						
Grade 3, $1,020 to $1,260; average, $1,140—						
Senior laborer	1	1,080	1	1,080	1	1,080
Grade 2, $900 to $1,140; average, $1,020—						
Assistant messenger	1	1,020	1	1,020	1	930
Grade 1, $600 to $780; average, $690—						
Junior messenger	2	600	2	600	1.9	600
Total average number of employees	53.4		52.4		50.1	
Total salaries, departmental service		114,000.00		110,200.00		109,550.19
The difference between 1929 and 1928 is due to increase in force, $3,800.						

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

Salaries and Expenses, Plant Quarantine and Control Administration—Contd.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927		Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Field service:								
Salaries and wages—	*Average—*		*Average—*		*Average—*			
Salary range, $3,800 to $5,000; average, $4,400—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*		
Inspector	3	$3,867	3	$3,867	1	$4,000		
Salary range, $3,000 to $3,600; average, $3,300—								
Associate inspector	16	3,081	14	3,093	12.5	3,170		
Salary range, $2,400 to $3,000; average, $2,700—								
Assistant inspector	27	2,651	24	2,683	28.1	2,694		
Salary range, $2,100 to $2,700; average, $2,400—								
Principal clerk	3	2,500	3	2,500	2	2,525		
Salary range, $1,860 to $2,400; average, $2,111.42—								
Junior inspector ($1.04 hr. w. a. e.)					0.6	2,400		
Junior inspector	53	2,151	44	2,211	39.6	2,157		
Clerk					0.4	2,160		
Senior clerk-stenographer					1.1	1,860		
Salary range, $1,680 to $2,040; average, $1,860—								
Senior fumigation mechanic	2	1,740	2	1,740	1.1	1,740		
Salary range, $1,500 to $1,860; average, $1,680—								
Field assistant					0.1	1,500		
Assistant clerk	2	1,560	2	1,560	1.4	1,551		
Salary range, $1,320 to $1,680; average, $1,500—								
Junior clerk-stenographer	2	1,590	2	1,590	2	1,530		
Junior clerk	1	1,500	1	1,500	1	1,340		
Junior stenographer	2	1,350	2	1,350	1.9	1,326		
Junior clerk-typist	2	1,470	2	1,470	2	1,455		
Salary range, $1,020 to $1,260; average, $1,140—								
Unskilled laborer	3	1,120	3	1,120	4.2	1,117		
Salary range, $900 to $1,140; average, $1,020—								
Agent	1	1,000	1	1,000	1	1,000		
Total average number of regular employees	117		103		100			
Total salaries, regular employees		275,298.00		245,358.00		232,699.27		
Temporary employees at salaries ranging from $1 to $1,800 per year	180		180		160			
Total salaries and wages, temporary employees		13,000.00		14,000.00		13,017.17		
Total number of employees	297		283		260			
Total salaries and wages, field service		288,298.00		259,358.00		245,716.44		
The difference between 1929 and 1928 is due to increase in force, $28,940.								
01 Total personal services		402,298.00		369,558.00		355,266.63		
Supplies and materials:								
0200 Stationery and office supplies		1,862.00		1,862.00		1,931.15		
0220 Scientific supplies		37,150.00		37,150.00		37,027.34		
0230 Fuel		675.00		295.00		255.58		
2080 Sundry supplies		410.00		410.00		382.68		
02 Total supplies and materials		40,097.00		39,717.00		39,596.75		
Communication service:								
0500 Telegraph service		285.00		285.00		278.79		
0510 Telephone service		2,150.00		2,150.00		2,146.78		
0520 Communication service		260.00		260.00		262.20		
05 Total communication service		2,695.00		2,695.00		2,687.77		
Travel expenses:								
0615 Transportation		8,950.00		8,950.00		9,095.25		
0616 Subsistence		4,800.00		4,800.00		4,761.88		
06 Total travel expenses		13,750.00		13,750.00		13,857.13		
07 Transportation of things (service)		14,210.00		15,210.00		13,427.21		
08 Photographing and photographs and prints		100.00		100.00		101.08		
10 Furnishing of heat, light, and power		525.00		525.00		508.15		
Rents:								
1100 Rent of buildings and structures		4,720.00		4,720.00		4,730.80		
1110 Other rents		100.00		100.00		111.00		
11 Total rents		4,820.00		4,820.00		4,841.80		
12 Repairs and alterations		13,050.00		5,250.00		8,208.00		
13 Special and miscellaneous current expenses		400.00		400.00		411.38		
Equipment:								
3000 Passenger-carrying vehicles		1,205.00		1,205.00		305.10		
3010 Furniture, furnishings, and fixtures		3,000.00		2,500.00		3,361.19		
3020 Scientific equipment		650.00		650.00		651.40		
3050 Other equipment		3,200.00		2,200.00		4,230.25		
30 Total equipment		8,055.00		6,555.00		8,547.94		
				458,580.00		447,453.84		
Unobligated balance						5,354.16		
Reserve				6,600.00				
Total		500,000.00		465,180.00		452,808.00		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Salaries and Expenses, Plant Quarantine and Control Administration—Contd. *For the control and prevention of spread of the pink bollworm, including the establishment of such cotton free areas as may be necessary to stamp out any infestation, the erection and repair of necessary inspection stations, and for necessary surveys and control operations in Mexico in cooperation with the Mexican Government or local Mexican authorities, $287,800: Provided, That the cost of each such station shall not exceed $500, and that the total amount expended for such stations in one year shall not exceed $2,500: Provided further, That not to exceed $200,000 may be available for reimbursement to cotton-growing States for expenses incurred by them in connection with losses due to enforced nonproduction of cotton in certain zones in the manner and upon the terms and conditions set forth in Senate Joint Resolution Numbered 72, approved August 9, 1921: Provided further, That no part of the money herein appropriated shall be used to pay the cost or value of crops or other property injured or destroyed (U. S. C., p. 56, secs. 511, 512; p. 95, secs. 111–114; pp. 98–101, secs. 141–167; act Jan. 18, 1927, vol. 44, pp. 985, 986, 993, 994, 1000–1002)*	$287,800.00	

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
Grade 5, $5,200 to $6,000; average, $5,600—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Senior scientist	1	$5,200	1	$5,200		
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate scientist	1	3,100	1	3,100	1	$3,100
Clerical, administrative, and fiscal service—						
Grade 4, $1,680 to $2,040; average, $1,860—						
Principal stenographer	1	1,860	1	1,860	1	1,860
Total average number of employees	3		3		2	
Total salaries, departmental service		10,160.00		10,160.00		4,959.96
Field service:						
Salaries and wages—						
Salary range, $3,800 to $5,000; average, $4,400—						
Inspector	0.5	4,400	0.5	4,400	0.5	3,800
Administrative officer	0.5	4,000	0.5	4,000	0.5	4,000
Salary range, $2,400 to $3,000; average, $2,700—						
Assistant inspector	11	2,667	11	2,667	8	2,693
Salary range, $1,860 to $2,400; average, $2,111.42—						
Junior inspector	29	2,259	27	2,288	32.2	2,307
Junior mechanical engineer	1	2,100	1	2,100	1	2,100
Field assistant	36	1,860	20	1,860	18.2	1,860
Senior scientific aid					0.2	2,100
Salary range, $1,680 to $2,040; average, $1,860—						
Junior scientific aid					0.2	1,680
Field assistant	1	1,800	1	1,800		
Clerk	2	1,950	2	1,950	2	1,890
Salary range, $1,320 to $1,680; average $1,500—						
Junior clerk-stenographer	3	1,560	3	1,560	3	1,500
Junior clerk	1	1,560	1	1,560	1	1,560
Total average number of regular employees	85		67		66.8	
Total salaries, regular employees		180,048.00		146,553.00		146,402.23
Temporary employees, at salaries ranging from $1 to $1,200 per year	146		146		151	
Total salaries and wages, temporary employees		10,100.00		10,100.00		10,797.30
Total number of employees	231		213		217.8	
Total salaries and wages, field service		190,148.00		156,653.00		157,199.53
The difference between 1929 and 1928 is due to increase in force, $33,495.						
01 Total personal services		200,308.00		166,813.00		162,159.49
Supplies and materials:						
0200 Stationery and office supplies		900.00		890.00		891.67
0220 Scientific supplies		230.00		197.00		155.61
0230 Fuel		600.00		570.00		570.16
0280 Sundry supplies		275.00		270.00		254.99
02 Total supplies and materials		2,005.00		1,927.00		1,872.43
04 Storage of vehicles		50.00		25.00		22.00
Communication service:						
0500 Telegraph service		610.00		545.00		534.98
0510 Telephone service		905.00		885.00		880.30
0520 Other communication service		25.00		7.00		7.25
05 Total communication service		1,540.00		1,437.00		1,422.53

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Plant Quarantine and Control Administration—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Travel expenses:			
0615	Transportation	$12,623.00	$8,043.00	$11,949.53
0616	Subsistence	38,600.00	26,500.00	32,114.18
06	Total travel expenses	51,223.00	34,543.00	44,063.71
07	Transportation of things (service)	10,030.00	9,255.00	10,016.62
08	Photographing, photographs, and prints	100.00	40.00	40.15
09	Advertising and publication of notices	100.00	25.00	----------
10	Furnishing of heat, light, and power	100.00	75.00	76.20
	Rents:			
1100	Rent of buildings and structures	4,000.00	3,500.00	3,752.00
1110	Other rents	25.00	1.00	1.00
11	Total rents	4,025.00	3,501.00	3,753.00
12	Repairs and alterations	8,015.00	7,015.00	7,159.79
13	Special and miscellaneous current expenses	600.00	509.00	602.64
	Equipment:			
3000	Passenger-carrying vehicles	2,729.00	2,000.00	600.00
3010	Furniture, furnishings, and fixtures	1,500.00	1,200.00	1,330.17
3020	Scientific equipment	2,450.00	2,050.00	2,230.53
3050	Other equipment	3,025.00	2,025.00	2,810.14
30	Total equipment	9,704.00	7,275.00	6,970.84
32	Other structures	----------	----------	732.00
		----------	232,440.00	238,891.40
	Unobligated balance	----------	----------	17,919.60
	Reserve	----------	5,360.00	----------
	Total	287,800.00	237,800.00	256,811.00

For the control and prevention of spread of the Thurberia weevil (U. S. C., p. 56, secs. 511, 512; p. 95, secs. 111–114; pp. 98–101, secs. 141–167; act Jan. 18, 1927, vol. 44, pp. 985–986, 993, 994, 1000–1002)---------- $32,800.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $3,800 to $5,000; average, $4,400—						
Inspector	0.5	$4,400	0.5	$4,400	0.5	$4,160
Administrative officer	0.5	4,000	0.5	4,000	0.5	4,000
Salary range, $2,400 to $3,000; average, $2,700—						
Assistant inspector	1	2,400	1	2,400	0.9	2,700
Salary range, $1,860 to $2,400; average, $2,111.42—						
Junior inspector	7	2,314	7	2,314	3.3	2,315
Salary range, $1,680 to $2,040; average, $1,860—						
Field assistant	----------		----------		0.5	1,860
Senior scientific aid	----------		----------		0.4	1,860
Junior scientific aid	1	1,680	1	1,680	0.8	1,680
Total average number of regular employees	10		10		6.9	
Total salaries, regular employees		24,478.00		24,478.00		17,154.92
Temporary employees, at salaries ranging from $1 to $1,200 per year	8		8		1	
Total salaries and wages, temporary employees		900.00		900.00		3.50
Total number of employees, field service	18		18		7.9	
01 Total personal services		25,378.00		25,378.00		17,158.42
Supplies and materials:						
0200 Stationery and office supplies		100.00		100.00		89.11
0220 Scientific supplies		25.00		25.00		----------
0270 Fuel		500.00		500.00		463.52
0280 Sundry supplies		200.00		200.00		153.10
02 Total supplies and materials		825.00		825.00		705.73
Communication service:						
0500 Telegraph service		210.00		210.00		212.43
0510 Telephone service		250.00		250.00		234.24
0520 Other communication service		5.00		5.00		3.45
05 Total communication service		465.00		465.00		450.12

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Plant Quarantine and Control Administration—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Travel expenses:			
0615 Transportation	$1,475.00	$1,300.00	$1,279.11
0616 Subsistence	1,030.00	950.00	938.91
06 Total travel expenses	2,505.00	2,250.00	2,218.02
07 Transportation of things (service)	580.00	500.00	485.04
09 Advertising and publication of notices	10.00	10.00	2.05
11 Rent of buildings and structures	330.00	330.00	302.50
12 Repairs and alterations	375.00	375.00	364.20
13 Special and miscellaneous current expenses	200.00	200.00	195.73
Equipment:			
3010 Furniture, furnishings, and fixtures	250.00	200.00	490.63
3020 Scientific equipment	50.00	40.00	42.00
3050 Other equipment	1,832.00	1,727.00	5,760.65
30 Total equipment	2,132.00	1,967.00	6,293.28
		32,300.00	28,175.09
Unobligated balance			5,631.91
Reserve		500.00	
Total	32,800.00	32,800.00	33,807.00

For the control and prevention of spread of the Parlatoria date scale (U. S. C. p. 56, secs. 511, 512, p. 95, secs. 111–114; pp. 98–101, secs. 141–167; act Jan. 18, 1927, vol. 44, pp. 985, 986, 993, 994, 1000–1002)..... $15,500.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $3,000 to $3,600; average, $3,300—						
Associate inspector					3	$3,200
Salary range, $2,400 to $3,000; average, $2,700—						
Assistant inspector					0.2	2,400
Salary range, $1,860 to $2,400; average, $2,111.42—						
Scientific aid	1	$1,920	1	$1,920	1	1,890
Scientific aid ($6.50 per day, w. a. e.)	0.5	1,920	0.5	1,920	0.5	1,898
Salary range, $1,320 to $1,680; average, $1,500—						
Junior scientific aid	2	1,560	2	1,560	1.8	1,600
Salary range, $1,140 to $1,500; average, $1,320—						
Unskilled laborer	5	1,440	5	1,440	5.5	1,440
Salary range, $780 to $1,020; average, $900—						
Agent ($2.50 per day, w. a. e.)	1	780	1	780	1	770
Total average number of regular employees	9.5		9.5		10.3	
Total salaries, regular employees		13,980.00		13,980.00		15,790.73
Temporary employees, at salaries ranging from $1,260 to $2,700 per year	2		2		3	
Total salaries and wages, temporary employees		250.00		250.00		316.00
Total number of employees	11.5		11.5		13.3	
Total salaries and wages, field service		14,230.00		14,230.00		16,106.73
Deduct allowance value of quarters furnished						124.98
01 Total personal services, cash payment		14,230.00		14,230.00		15,981.75
05 Telegraph service		10.00		5.00		4.91
Travel expenses:						
0615 Transportation		875.00		676.00		873.83
0616 Subsistence		350.00		200.00		319.45
06 Total travel expenses		1,225.00		876.00		1,193.28
07 Transportation of things (service)		15.00		14.00		13.92
12 Repairs and alterations		20.00		15.00		17.05
				15,140.00		17,210.91
Unobligated balance						1,049.09
Reserve				360.00		
Total		15,500.00		15,500.00		18,260.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Salaries and Expenses, Plant Quarantine and Control Administration—Continued. *For the control and prevention of spread of the gypsy and brown-tail moths (U. S. C., p. 56, secs. 511, 512; p. 95, secs. 111–114; pp. 98–101, secs. 141–167; Act Jan. 18, 1927, vol. 44, pp. 985, 986, 993, 994, 1000–1002)*..	$556,380.00	

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Field service:						
	Salaries and wages—	*Average—*		*Average—*		*Average—*	
	Salary range, $5,200 to $6,000; average, $5,600—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Senior entomologist	1	$5,600	1	$5,600	1	$5,400
	Salary range, $3,800 to $5,000; average, $4,400—						
	Entomologist	1	4,200	1	4,200	1	4,200
	Administrative officer	1	4,000	1	4,000	1	3,800
	Salary range, $3,300 to $3,900; average, $3,600—						
	Associate entomologist	1	3,500	1	3,500	1	3,411
	Junior administrative officer					0.4	3,500
	Senior administrative assistant	1	3,200	1	3,200	1	3,200
	Salary range, $2,700 to $3,300; average, $3,000—						
	Administrative assistant	3	2,933	3	2,933	3	2,854
	Salary range, $2,400 to $3,000; average, $2,700—						
	Agent	1	2,400	1	2,400	1	2,400
	Salary range, $2,100 to $2,700; average, $2,400—						
	Principal scientific aid	7	2,271	7	2,271	7	2,448
	Principal clerk	1	2,200	1	2,200	1	2,100
	Salary range, $1,860 to $2,400; average, $2,111.42—						
	Senior clerk	1	2,000	1	2,000	1	1,920
	Senior clerk-stenographer	2	1,920	2	1,920	2	1,860
	Senior scientific aid	26	1,930	26	1,930	25.4	1,926
	Agent	73	1,911	73	1,911		
	Salary range, $1,680 to $2,040; average, $1,860—						
	Clerk-stenographer	3	1,820	3	1,820	3	1,747
	Total average number of regular employees	122		122		48.8	
	Total salaries, regular employees		250,820.00		250,820.00		110,095.51
	Temporary employees, at salaries ranging from $1 to $2,100 per year	80		80		153	
	Total salaries and wages, temporary employees		198,575.00		198,575.00		352,484.20
	Total number of employees	202		202		201.8	
01	Total salaries and wages, field service		449,395.00		449,395.00		462,579.71
	Supplies and materials:						
0200	Stationery and office supplies		1,000.00		1,000.00		1,301.89
0220	Scientific supplies		28,000.00		15,000.00		24,192.92
0230	Fuel		1,000.00		1,000.00		499.50
0235	Special and miscellaneous fuel		6,500.00		6,500.00		7,093.20
0280	Sundry supplies		1,100.00		1,100.00		1,662.29
0290	Materials		400.00		400.00		263.20
02	Total supplies and materials		38,000.00		25,000.00		35,013.00
	Communication service:						
0500	Telegraph service		60.00		60.00		61.02
0510	Telephone service		1,700.00		1,700.00		1,821.37
0520	Other communication service		125.00		125.00		154.00
05	Total communication service		1,885.00		1,885.00		2,036.39
	Travel expenses:						
0615	Transportation		20,000.00		20,000.00		17,025.08
0616	Subsistence		15,200.00		15,200.00		11,116.85
06	Total travel expenses		35,200.00		35,200.00		28,141.93
07	Transportation of things (service)		400.00		400.00		379.12
08	Printing and binding		25.00		25.00		2.50
09	Advertising and publication of notices		200.00		200.00		154.50
10	Furnishing of heat, light, and power		600.00		600.00		554.85
	Rents:						
1100	Rent of buildings and structures		5,300.00		5,300.00		4,414.00
1110	Other rents		125.00		125.00		118.00
11	Total rents		5,425.00		5,425.00		4,532.00
12	Repairs and alterations		8,800.00		8,800.00		7,806.37
13	Special and miscellaneous current expenses		50.00		50.00		49.80
	Equipment:						
3000	Passenger-carrying vehicles		800.00		800.00		1,341.00
3010	Furniture, furnishings, and fixtures		500.00		500.00		332.52
3020	Scientific equipment		100.00		100.00		17.64
3050	Other equipment		15,000.00		15,000.00		11,720.75
30	Total equipment		16,400.00		16,400.00		13,411.91
					543,380.00		554,662.08
	Unobligated balance						1,717.92
	Reserve				13,000.00		
	Total		556,380.00		556,380.00		556,380.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Salaries and Expenses Plant Quarantine and Control Administration—Continued. *For the control and prevention of spread of the European corn borer (U. S. C., p. 56, secs. 511, 512; p. 95, secs. 111–114; pp. 98–101, secs. 141–167; act Jan. 18, 1927, vol. 44, pp. 985, 986, 993, 994, 1000–1002)*	$887,660.00	

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Clerical, administrative, and fiscal service—	*Average—*		*Average—*		*Average—*	
Grade 11, $3,800 to $5,000; average, $4,400—	*No.*	*Salary*	*No.*	*Salary*	*No*	*Salary*
Administrative officer	1	$3,800				
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk-stenographer	2	1,500				
Custodial service—						
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger	1	1,020				
Total average number of employees	4					
Total salaries, departmental service		7,820				
The difference between 1929 and 1928 is due to increase in force, $7,820.						
Field service:						
Salaries and wages—						
Salary range, $5,200 to $6,000; average, $5,600—						
Senior administrative officer	1	5,200	1	$5,200		
Salary range, $3,800 to $5,000; average, $4,400—						
Administrative officer	1	5,000	1	5,000	0.7	$5,000
Salary range, $3,000 to $3,600; average, $3,300—						
Associate entomologist	1	3,800	1	3,800		
Senior administrative assistant	2	3,100	1	3,200	0.7	3,200
Salary range, $2,700 to $3,300; average $3,000—						
Administrative assistant	1	3,000	1	3,000	1	3,000
Salary range, $2,400 to $3,000; average, $2,700—						
Assistant entomologist	3	2,433	2	2,450	1.7	2,458
Salary range, $2,100 to $2,700; average, $2,400—						
Principal scientific aid	16	2,112	1	2,300	1.7	2,382
Principal field aid	1	2,200	1	2,200	0.7	2,200
Principal clerk	2	2,100				
Salary range, $1,860 to $2,400; average, $2,111.42—						
Junior entomologist	1	2,100	1	2,100	1	1,980
Agent	14	1,990	14	1,990		
Senior scientific aid	6	1,940	4	1,980	2.2	1,980
Senior clerk-stenographer	1	2,100	1	2,100	0.7	2,100
Senior clerk	1	2,100	1	2,100	0.7	2,100
Salary range, $1,680 to $2,040; average, $1,860—						
Clerk	1	1,680				
Salary range, $1,500 to $1,860; average, $1,680—						
Assistant clerk-stenographer	3	1,500	1	1,500		
Assistant clerk	7	1,500				
Salary range, $1,320 to $1,680; average, $1,500—						
Junior clerk	4	1,320				
Junior clerk-stenographer	2	1,320	2	1,320	2.3	1,398
Total average number of regular employees	68		33		13.4	
Total salaries, regular employees		141,100.00		75,820.00		30,842.36
Temporary employees, at salaries ranging from $1 to $2,400 per year		404,975.00		232,335.00		175,771.82
01 Total salaries and wages, field service		546,075.00		308,155.00		206,614.18
The difference between 1929 and 1928 is due to—						
Increase in regular force	$65,280					
Increase in wages	172,640					
Total increase	237,920					
01 Total personal services		553,895.00		308,155.00		206,614.18
Supplies and materials:						
0200 Stationery and office supplies		3,750.00		2,750.00		2,850.98
0220 Scientific and edicational supplies		21,000.00		12,000.00		11,636.42
0230 Fuel		45,000.00		25,000.00		25,320.47
0235 Special and miscellaneous fuel		20,000.00		12,000.00		11,339.76
0280 Sundry supplies		13,000.00		8,000.00		7,882.19
0290 Materials		1,750.00		850.00		847.11
02 Total supplies and materials		104,500.00		60,600.00		59,876.93
Communication service:						
0500 Telegraph service		1,000.00		700.00		670.35
0510 Telephone service		1,930.00		1,000.00		1,044.83
0520 Other communication service		15.00		15.00		12.71
05 Total communication service		2,945.00		1,715.00		1,727.89
Travel expenses:						
0615 Transportation		41,700.00		25,000.00		14,428.86
0616 Subsistence		72,290.00		40,000.00		20,141.18
06 Total travel expenses		113,990.00		65,000.00		34,570.04
07 Transportation of things (service)		1,710.00		1,000.00		1,083.12
09 Advertising and publishing of notices		525.00		300.00		309.30
10 Furnishing of heat, light, power, and electricity		2,500.00		1,450.00		455.72

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Plant Quarantine and Control Administration—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Rents:			
1100	Rents of buildings and structures	$32,000.00	$6,000.00	$5,739.53
1110	Other rents	1,500.00	1,500.00	1,225.23
11	Total rents	33,500.00	7,500.00	6,964.76
12	Repairs and alterations	26,690.00	15,500.00	14,587.02
13	Special and miscellaneous current expenses	190.00	190.00	87.35
	Equipment:			
3010	Furniture, furnishings, and fixtures	4,000.00	2,000.00	2,432.35
3020	Scientific equipment	1,750.00	750.00	903.73
3050	Other equipment	41,465.00	37,500.00	34,608.27
30	Total equipment	47,215.00	40,250.00	37,944.35
	Unobligated balance		501,660.00	364,220.66
	Reserve		13,000.00	7,754.34
	Total	887,660.00	514,660.00	371,975.00

For the control and prevention of spread of the Japanese and Asiatic beetles (U. S. C., p. 56, secs. 511, 512; p. 95, secs. 111–114, pp. 98–101, secs. 141–167; act Jan. 18, 1927, vol. 44, pp. 985, 986, 993, 994, 1000–1002) $265,800.00

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Field service:						
	Salaries and wages—	*Average—*		*Average—*		*Average—*	
		No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Salary range, $5,200 to $6,000; average, $5,600—						
	Senior administrative officer	1	$5,200				
	Salary range, $3,800 to $5,000; average, $4,400—						
	Administrative officer	1	3,800	1	$3,800		
	Salary range, $3,300 to $3,900; average, $3,600—						
	Junior administrative officer					1	$3,600
	Salary range, $2,400 to $3,000; average, $2,700—						
	Assistant plant quarantine inspector	1	2,400	1	2,400	0.9	2,400
	Salary range, $1,860 to $2,400; average, $2,111.42—						
	Junior entomologist	3	1,900	3	1,900	3	1,860
	Agent	11	1,937	11	1,937		
	Salary range, $1,680 to $2,040; average, $1,860—						
	Clerk	3	1,680				
	Scientific aid	1	1,920	1	1,920	0.2	1,920
	Salary range, $1,500 to $1,860; average, $1,680—						
	Senior stenographer	1	1,680	1	1,680	0.1	1,680
	Salary range, $1,320 to $1,680; average $1,500—						
	Junior stenographer	1	1,320	1	1,320	0.3	1,320
	Total average number of regular employees	23		19		5.5	
	Total salaries and wages, regular employees		48,360		38,120		12,196.17
	Temporary employees, at salaries ranging from $1 to $2,400 per year		149,210		126,900		130,345.30
01	Total personal services		197,570		165,020		142,541.47
	The difference between 1929 and 1928 is due to—						
	Increase in regular force	$10,240					
	Increase in wages	22,310					
	Total increase	32,550					
	Supplies and materials:						
0200	Stationery and office supplies		3,000.00		3,000.00		1,430.36
0220	Scientific and educational supplies		6,500.00		6,500.00		8,405.17
0230	Fuel		500.00		500.00		848.73
0235	Special and miscellaneous fuel		3,600.00		3,600.00		7,737.11
0280	Sundry supplies		1,500.00		1,500.00		2,827.23
0290	Materials		600.00		600.00		585.62
02	Total supplies and materials		15,700.00		15,700.00		21,834.22
	Communication service:						
0500	Telegraph service		200.00		200.00		32.37
0510	Telephone service		2,600.00		2,600.00		2,445.11
0520	Other communication service		50.00		50.00		1.00
05	Total communication service		2,850.00		2,850.00		2,478.48

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Plant Quarantine and Control Administration—Continued.

		Estimated expenditures, 1929 appropriation	Estimated; expenditures, 1928 appropriation	Expended and obligated, 1927
	Travel expenses:			
0615	Transportation	$8,000.00	$8,000.00	$5,236.59
0616	Subsistence	7,000.00	7,000.00	4,920.40
06	Total travel expenses	15,000.00	15,000.00	10,156.99
07	Transportation of things (service)	400.00	400.00	211.44
08	Printing and binding	5.00	5.00	
09	Advertising and publishing of notices	125.00	125.00	224.13
10	Furnishing of heat, light, and power	400.00	400.00	334.08
	Rents:			
1100	Rent of buildings and structures	8,800.00	8,800.00	5,199.94
1110	Other rents	1,100.00	1,100.00	204.78
11	Total rents	9,900.00	9,900.00	5,404.72
12	Repairs and alterations	10,500.00	10,500.00	7,571.97
	Equipment:			
3000	Passenger-carrying vehicles	1,750.00		
3010	Furniture, furnishings, and fixtures	1,500.00	1,500.00	1,117.04
3020	Educational, scientific, and recreational equipment	100.00	100.00	10.58
3050	Other equipment	10,000.00	11,000.00	13,032.40
30	Total equipment	13,350.00	12,600.00	14,160.02
			232,500.00	204,917.52
	Unobligated balance			82.48
	Reserve		8,300.00	
	Total	265,800.00	240,800.00	205,000.00

For the control and prevention of spread of the white-pine blister rust (U. S. C., p. 56, secs. 511, 512; p. 95, secs. 111–114; pp. 98–101, secs. 141–167; act Jan. 18, 1927, vol. 44, pp. 985, 986, 993, 994, 1000–1002)—$26,500.00

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Departmental service:						
	Salaries—						
	Professional and scientific service—	*Average—*		*Average—*		*Average—*	
	Grade 1, $1,860 to $2,400; average, $2,111.42—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Junior scientist	1	$2,200	1	$2,200	1	$2,150
	Field service:						
	Salaries and wages—						
	Salary range, $3,000 to $3,600; average, $3,300—						
	Associate scientist	1	3,300				
	Agent	1	3,000	1	3,000	1	2,375
	Salary range, $2,400 to $3,000; average, $2,700—						
	Agent	1	2,700				
	Salary range, $1,500 to $1,860; average, $1,680—						
	Assistant clerk-stenographer					0.3	1,500
	Total average number of regular employees	3		1		1.3	
	Total salaries and wages, regular employees		9,000		3,000		2,875
	Temporary employees at salaries ranging from $1,080 to $2,560 per year	25		25		25	
	Total salaries and wages, temporary employees		5,790		11,300		11,267
	Total number of employees	28		26		26.3	
	Total salaries and wages, field service		14,790		14,300		14,142
	The difference between 1929 and 1928 is due to increase in force, $490.						
01	Total personal services		16,990		16,500		16,292
02	Stationery and office supplies		100				
05	Telegraph service		50				
	Travel expenses:						
0615	Transportation		6,310		6,000		6,402
0616	Subsistence		3,000		3,470		4,000
06	Total travel expenses		9,310		9,470		10,402
13	Special and miscellaneous current expenses		50				
					25,970		26,694
	Unobligated balance						20
	Reserve				530		
	Total		26,500		26,500		26,714

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Salaries and Expenses, Plant Quarantine and Control Administration—Continued		
For the control and prevention of spread of the Mexican fruit worm, including necessary surveys and control operations in Mexico in cooperation with the Mexican Government or local Mexican authorities (submitted)	$100,000.00	

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 4, $3,800 to $5,000; average, $4,000—Scientist	1	$3,800				
Grade 3, $3,000 to $3,600; average, $3,300—Associate scientist	1	3,000				
Clerical, administrative, and fiscal service—						
Grade 3, $1,500 to $1,860; average, $1,680—Clerk	2	1,500				
Total average number of employees	4					
Total salaries, departmental service		9,800				
Field service:						
Salaries and wages—						
Salary range, $3,800 to $5,000; average, $4,400—Inspector	1	3,800				
Salary range, $3,000 to $3,600; average, $3,300—Associate inspector	2	3,000				
Salary range, $2,400 to $3,000; average, $2,700—Assistant inspector	5	2,400				
Salary range, $1,860 to $2,400; average, $2,111.42—Junior inspector	20	1,860				
Salary range, $1,500 to $1,860; average, $1,680—Assistant clerk	2	1,500				
Salary range, $1,320 to $1,680; average, $1,500—Junior clerk	2	1,320				
Total average number of regular employees	32					
Total salaries and wages, regular employees		64,640				
Temporary employees at salaries ranging from $1,080 to $1,500 per year	30					
Total salaries and wages, temporary employees		13,160				
Total number of employees	62					
Total salaries and wages, field service		77,800				
01 Total personal services		87,600				
Supplies and materials:						
0200 Stationery and office supplies		300				
0220 Scientific supplies		100				
0280 Sundry supplies		100				
02 Total supplies and materials		500				
Communication service:						
0500 Telegraph service		100				
0510 Telephone service		100				
0520 Other communication service		50				
05 Total communication service		250				
Travel expenses:						
0615 Transportation		2,600				
0616 Subsistence		3,000				
06 Total travel expenses		5,600				
07 Transportation of things (service)		800				
10 Furnishing of heat, light, and power		100				
11 Rents of buildings and structures		200				
12 Repairs and alterations		1,000				
Equipment:						
3000 Passenger-carrying vehicles		1,000				
3010 Furniture, furnishings, and fixtures		350				
3050 Other equipment		2,600				
30 Total equipment		3,950				
Total		100,000				

For the inspection under such rules and regulations as the Secretary of Agriculture may prescribe of domestic fresh fruits, vegetables, and seeds and nursery stock and other plants for propagation when offered for export and to certify to shippers and interested parties as to the freedom of such products from injurious plant diseases and insect pests according to the sanitary requirements of the foreign countries affected and to make such reasonable charges and to use such means as may be necessary to accomplish this object, $30,000: Provided, That moneys received on account of such inspection and certification shall be covered into the Treasury as miscellaneous receipts (U. S. C., p. 56, secs. 511, 512; p. 95, secs. 111–114; pp. 98–101, secs. 141–167; act Jan. 18, 1927, vol. 44, pp. 985, 986, 993, 994, 1000–1002) 30,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Salaries and Expenses, Plant Quarantine and Control Administration—Continued.		

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
Salary range, $2,400 to $3,000; average, $2,700—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Assistant inspector	4	$2,900	2	$2,900	1.7	$2,859
Salary range, $1,860 to $2,400; average, $2,111.42—						
Junior inspector	6	2,153	3	2,153	1.4	2,200
Clerk	2	2,200	1	2,200	0.6	2,133
Salary range, $1,500 to $1,860; average, $1,680—						
Assistant clerk					0.3	1,500
Total average number of employees	12		6		4	
01 Total salaries and wages, field service		28,918.00		14,459.00		9,804.10
05 Telegraph service		12.00		6.00		.25
Travel expenses:						
0615 Transportation		370.00		85.00		24.52
0616 Subsistence		700.00		150.00		36.00
06 Total travel expenses		1,070.00		235.00		60.52
				14,700.00		9,864.87
Unobligated balance						135.13
Reserve				300.00		
Total		30,000.00		15,000.00		10,000.00

Hereafter the functions of the Federal Horticultural Board shall devolve upon and be exercised by the Plant Quarantine and Control Administration, the chief of which shall serve ex officio as chairman of an advisory Federal Plant Quarantine Board of five members, the four additional members to be designated by the Secretary of Agriculture from existing bureaus and offices in the Department of Agriculture, including the Bureau of Entomology, the Bureau of Plant Industry, and the Forest Service, and who shall serve without additional compensation.

Total, Plant Quarantine and Control Administration, $2,771,050, of which amount not to exceed $196,500 may be expended for personal services in the District of Columbia — $2,771,050.00 | $2,223,230.00

Enforcement of Packers and Stockyards Act—

NOTE.—This item has been transferred to the Bureau of Animal Industry.

Enforcement of the Grain Futures Act—

To enable the Secretary of Agriculture to carry into effect the provisions of the grain futures act, approved September 21, 1922, $135,000, of which amount not to exceed $25,000 may be expended for personal services in in the District of Columbia (*U. S. C., p. 56, secs. 511, 512; pp. 87–90, secs. 1–17; act Jan. 18, 1927, vol. 44, p. 1002*) — 135,000.00 | 135,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
Grade 6, $6,000 to $7,500; average, $6,750—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Chief administrative officer	1	$6,000	1	$6,000	1	$6,000
Grade 5, $5,200 to $6,000; average $5,600—						
Economist in future trading	0.5	5,200	0.5	5,200		
Clerical, administrative, and fiscal service—						
Grade 11, $3,800 to $5,000; average, $4,400—						
Assistant chief administrative officer	1	3,800	1	3,800	1	3,800
Grade 7, $2,400 to $3,000; average, $2,700—						
Administrative assistant (chief clerk)	1	2,700	1	2,700	0.5	2,600
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk-stenographer	1	2,100	1	2,100	1	2,000
Grade 4, $1,680 to $2,040; average $1,860—						
Clerk-stenographer	1	1,680	1	1,680		
Statistical clerk	2	1,710	2	1,710	1	1,680
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk-stenographer	1	1,500	1	1,500	0.5	1,500
Custodial service—						
Grade 1, $600 to $780; average $690—						
Junior messenger	1	660	1	660	0.9	600
Office laborer (40 cents per hour)	1	490	1	490	1	490
Total average number of employees	10.5		10.5		6.9	
Total salaries, departmental service		25,000.00		25,000.00		16,636.35

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Enforcement of the Grain Futures Act—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Field service:			
Salaries and wages—	*Average—*	*Average—*	*Average—*
	No. *Salary*	*No.* *Salary*	*No.* *Salary*
Salary range, $5,200 to $6,000; average, $5,600—			
Senior grain exchange supervisor	1 $5,600	1 $5,600	1 $5,400
Salary range, $3,800 to $5,000; average, $4,400—			
Grain exchange supervisor	6 3,966	6 3,966	5 3,960
Senior auditor	1 3,800	1 3,800	0.9 3,800
Associate agricultural economist	1 4,200	1 4,200	1 4,200
Salary range, $3,000 to $3,600; average, $3,300—			
Auditor	0.5 3,000	0.5 3,000	----------
Salary range, $2,100 to $2,700; average, $2,400—			
Junior grain exchange supervisor	2 2,200	2 2,200	1 2,250
Salary range, $1,860 to $2,400; average, $2,111.42—			
Junior agricultural statistician	----------	----------	0.4 1,860
Senior clerk	1 2,100	1 2,100	1 2,000
Salary range, $1,680 to $2,040; average, $1,860—			
Clerk	3 1,720	3 1,720	2 1,740
Statistical clerk	2 1,770	2 1,770	1 1,740
Salary range, $1,500 to $1,860; average, $1,680—			
Assistant clerk	7 1,595	7 1,595	6.8 1,568
Senior stenographer	2 1,560	2 1,560	1 1,500
Assistant clerk-stenographer	1 1,500	1 1,500	----------
Salary range, $1,320 to $1,680; average, $1,500—			
Junior stenographer	1 1,320	1 1,320	1 1,320
Junior clerk	1 1,320	1 1,320	1 1,320
Junior operator	4 1,590	4 1,590	3.7 1,582
Salary range, $1,140 to $1,500; average, $1,320—			
Underclerk-typist	1 1,200	1 1,200	1 1,200
Salary range, $1,020 to $1,260; average, $1,140—			
Messenger	----------	----------	0.3 1,260
Salary range, $900 to $1,140; average, $1,080—			
Assistant messenger	1 960	1 960	1 900
Part-time cooperative employee—			
Grain exchange supervisor	1 900	1 900	1 900
Total average number of regular employees	36.5	36.5	30.1
Total salaries and wages, regular employees	81,940.00	81,940.00	66,957.05
Temporary employees at salaries ranging from $1,320 to $3,000 per year	4	4	0.4
Total salaries and wages, temporary employees	4,000.00	4,000.00	1,299.78
Total number of employees	40.5	40.5	30.5
Total salaries and wages, field service	85,940.00	85,940.00	68,256.83
01 Total personal services	110,940.00	110,940.00	84,893.18
02 Supplies and materials	1,500.00	1,000.00	1,094.41
Communication service:			
0500 Telegraph service	250.00	250.00	129.15
0510 Telephone service	700.00	700.00	545.61
0520 Other communication service	25.00	25.00	1.25
05 Total communication service	975.00	975.00	676.01
Travel expenses:			
0615 Transportation	3,500.00	2,500.00	2,866.35
0616 Subsistence	3,200.00	2,300.00	2,223.14
06 Total travel expenses	6,700.00	4,800.00	5,089.49
07 Transportation of things	350.00	250.00	216.12
Printing, binding, etc.:			
0810 Lithographing, engraving, and engrossing	25.00	25.00	19.50
0820 Stenographic job work	100.00	100.00	----------
08 Total printing and binding, etc.	125.00	125.00	19.50
10 Furnishing of heat, light, and power	310.00	310.00	213.40
Rents:			
1100 Rent of buildings	8,000.00	7,000.00	6,325.28
1110 Rent of equipment	3,000.00	2,500.00	1,920.00
11 Total rents	11,000.00	9,500.00	8,245.28
12 Repairs and alterations	500.00	100.00	95.92
13 Special and miscellaneous expenses	600.00	500.00	439.56
30 Equipment (furniture and fixtures)	2,000.00	1,500.00	711.00
	----------	130,000.00	101,693.87
Unobligated balance	----------	----------	19,836.13
Reserve	----------	5,000.00	----------
Total	135,000.00	135,000.00	121,530.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
FOOD, DRUG, AND INSECTICIDE ADMINISTRATION		
Salaries and Expenses, Food, Drug, and Insecticide Administration—		
For all necessary expenses, for chemical apparatus, chemicals and supplies, repairs to apparatus, gas, electric current, official traveling expenses, telegraph and telephone service, express and freight charges, for the employment of such assistants, clerks, and other persons as the Secretary of Agriculture may consider necessary for the purposes named, in the city of Washington and elsewhere, in conducting investigations; collecting, reporting, and illustrating the results of such investigations; and for rent outside of the District of Columbia for carrying out the investigations and work herein authorized, as follows (*U. S. C., p. 56, secs. 511, 512; pp. 93–97, secs. 91–99, 121–134; pp. 621–626, secs. 1–18, 24, 41–50, 61–63; act Jan. 18, 1927, vol. 44, pp. 1002, 1003*):		
For necessary expenses for general administrative purposes, including the salary of chief of administration and other personal services in the District of Columbia (*U. S. C., p. 56, secs. 511, 512; pp. 93–97, secs. 91–99, 121–134; pp. 621–626, secs. 1–18, 24, 41–50, 61–63; act Jan. 18, 1927, vol. 44, pp. 1002, 1003*)	$98,000.00	

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 6, $6,000 to $7,500; average, $6,750—						
Chief of bureau	1	$6,500	1	$6,500	1	$6,500
Grade 5, $5,200 to $6,000; average, $5,600—						
Assistant chief	1	5,400	1	5,400	0.9	5,200
Grade 1, $1,860 to $2,400; average, $2,111.42—						
Junior librarian	1	1,860	1	1,860	0.8	1,860
Subprofessional service—						
Grade 5, $1,680 to $2,040; average, $1,860—						
Laboratory mechanic	1	2,040	1	2,040	1	2,040
Grade 3, $1,320 to $1,680; average, $1,500—						
Junior scientific aid	1	1,380	1	1,380	1	1,380
Grade 1, $900 to $1,260; average, $1,080—						
Library aid	1	960	1	960	1	900
Clerical, administrative, and fiscal service—						
Grade 11, $3,800 to $5,000; average, $4,400—						
Assistant to chief	1	4,200	1	4,200	1	4,000
Grade 8, $2,700 to $3,300; average, $3,000—						
Home economics writer (radio)					0.5	2,700
Administrative assistant	2	2,800	2	2,800	0.8	2,761
Grade 7, $2,400 to $3,000; average, $2,700—						
Assistant administrative officer	1	2,800	1	2,800	1	2,800
Assistant editor	1	2,700	1	2,700	0.8	2,700
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	1	2,500	1	2,500	1	2,500
Principal translator	1	2,100	1	2,100	1	2,100
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	6	2,130	6	2,130	6.5	2,111
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk-stenographer	1	1,920	1	1,920	0.5	1,680
Clerk	3	1,920	3	1,920	3.7	1,899
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	4	1,605	4	1,605	4	1,650
Senior stenographer	5	1,512	5	1,512	3.1	1,500
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	2	1,530	2	1,530	4	1,515
Senior typist	2	1,320	2	1,320	1.8	1,320
Custodial service—						
Grade 7, $1,680 to $2,040; average, $1,860—						
Senior mechanic	1	1,680	1	1,680	1	1,680
Grade 4, $1,140 to $1,500; average, $1,320—						
Undercustodian (laborer)	1	1,440	1	1,440	1	1,440
Undermechanic	1	1,200	1	1,200	1	1,140
Grade 3, $1,020 to $1,260; average, $1,140—						
Minor custodian (senior laborer)	4	1,065	4	1,065	3	1,080
Grade 2, $900 to $1,140; average, $1,020—						
Office laborer	1	960	1	960	1	960
Assistant messenger	1	900	1	900	1.6	900
Charwoman	8	369	8	369	8	367
Grade 1, $600 to $780; average, $690—						
Junior messenger	1	600	1	600	2.6	600
Total average number of employees	54		54		54.6	
01 Total salaries, departmental service		92,170.00		92,170.00		94,946.70
Supplies and materials:						
0200 Stationery and office supplies		1,300.00		1,150.00		1,284.75
0280 Sundry supplies		200.00		50.00		207.77
02 Total supplies and materials		1,500.00		1,200.00		1,492.52
Communication service:						
0500 Telegraph service		125.00		125.00		125.72
0510 Telephone service		175.00		175.00		175.25
05 Total communication service		300.00		300.00		300.97

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Food, Drug, and Insecticide Administration—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Travel expenses:			
0615 Transportation	$1,550.00	$1,430.00	$1,507.46
0616 Subsistence	640.00	560.00	647.12
06 Total travel expenses	2,190.00	1,990.00	2,154.58
07 Transportation of things (service)	50.00	50.00	89.48
08 Photographing and making photographs and prints	10.00	10.00	11.96
12 Repairs and alterations	160.00	160.00	388.70
13 Special and miscellaneous current expenses	100.00	100.00	138.30
Equipment:			
3010 Furniture, furnishings, and fixtures	1,420.00	970.00	1,799.89
3050 Other equipment	100.00	50.00	70.81
30 Total equipment	1,520.00	1,020.00	1,870.70
		97,000.00	101,393.91
Unobligated balance			2,249.09
Reserve		1,000.00	
Total	98,000.00	98,000.00	103,643.00

For collaboration with other departments of the Government desiring chemical investigations and whose heads request the Secretary of Agriculture for such assistance, and for other miscellaneous work (*U. S. C., p. 56, secs. 511, 512; pp. 93–97, secs. 91–99, 121–134; pp. 621–626, secs. 1–18, 24, 41–50, 61–63; act Jan. 18, 1927, vol. 44, pp. 1002, 1003*) $15,725.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 4, $3,800 to $5,000; average, $4,400—						
Chemist	2	$4,400	2	$4,400	2	$4,400
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate chemist	0.5	3,000	0.5	3,000	0.8	3,000
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant chemist	0.5	2,900	0.5	2,900	0.5	2,694
Clerical, administrative, and fiscal service—						
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	1	2,100	1	2,100	0.8	2,000
Subprofessional service—						
Grade 1, $900 to $1,260; average, $1,080—						
Minor scientific helper	1	1,020	1	1,020	1	990
Total average number of employees	5		5		5.1	
01 Total salaries, departmental service		14,870.00		14,870.00		14,938.47
Supplies and materials:						
0200 Stationery and office supplies		15.00		5.00		2.69
0220 Scientific supplies		250.00		125.00		195.07
0230 Fuel		10.00		10.00		10.00
0280 Sundry supplies		20.00		5.00		14.98
02 Total supplies and materials		295.00		145.00		222.74
Communication service:						
0500 Telegraph service		5.00		5.00		1.85
0510 Telephone service		25.00		25.00		25.15
05 Total communication service		30.00		30.00		27.00
Travel expenses:						
0615 Transportation		65.00		30.00		27.19
0616 Subsistence		125.00		60.00		55.50
06 Total travel expenses		190.00		90.00		82.69
07 Transportation of things (service)		10.00		10.00		10.39
Printing and binding:						
0830 Photographing and making photographs and prints		10.00		10.00		20.00
08 Total printing and binding		10.00		10.00		20.00
10 Furnishing of heat, light, power, water, and electricity		10.00		10.00		4.00
12 Repairs and alterations		20.00		10.00		18.93

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Food, Drug, and Insecticide Administration—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Equipment:			
3010 Furniture, furnishings, and fixtures	$50.00	$30.00	$45.00
3020 Scientific equipment	190.00		
3050 Other equipment	50.00	20.00	38.15
30 Total equipment	290.00	50.00	83.15
		15,225.00	15,407.37
Unobligated balance			317.63
Reserve		500.00	
Total	15,725.00	15,725.00	15,725.00

For enabling the Secretary of Agriculture to carry into effect the provisions of the act of June 30, 1906, entitled "An act for preventing the manufacture, sale, or transportation of adulterated, or misbranded, or poisonous, or deleterious foods, drugs, medicines, and liquors, and for regulating traffic therein, and for other purposes"; to cooperate with associations and scientific societies in the revision of the United States Pharmacopœia and development of methods of analysis, and for investigating the character of the chemical and physical tests which are applied to American food products in foreign countries, and for inspecting the same before shipment when desired by the shippers or owners of these products intended for countries where chemical and physical tests are required before the said products are allowed to be sold therein, [$918,780] *$938,000*: *Provided*, That not more than $4,280 shall be used for travel outside of the United States (*U. S. C., p. 56, secs. 511, 512; pp. 93–97, secs. 91–99, 121–134; pp. 621–626, secs. 1–18, 24, 41–50, 61–63; act Jan. 18, 1927, vol. 44, pp. 1002, 1003*) $938,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
Grade 5, $5,200 to $6,000; average, $5,600—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Assistant chief of bureau					0.5	$5,200
Senior microscopist					1	5,200
Senior mycologist					1	5,200
Senior chemist	3.5	$5,257	3.5	$5,257	2	5,200
Grade 4, $3,800 to $5,000; average, $4,400—						
Microanalyst	1	3,800	1	3,800	1	3,800
Medical officer	1	3,800	1	3,800	0.7	3,800
Veterinarian	1	3,800	1	3,800		
Chemist	7	4,114	7	4,114	8.3	3,922
Pharmacologist	1.2	3,800	1.2	3,800		
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate medical officer					0.3	3,250
Associate microanalyst	1	3,100	1	3,100	1	3,100
Associate bacteriologist	1	3,600	1	3,600	1.2	3,427
Associate pharmacologist					0.5	3,100
Associate chemist	8.1	3,262	7.1	3,285	10.1	3,165
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant pharmacologist	1	2,400	1	2,400	1	3,000
Assistant plant histologist	1	2,700	1	2,700	0.5	2,600
Assistant medical officer	1	2,600	1	2,600	1	2,500
Assistant microanalyst					1	2,500
Assistant mycologist					1.2	2,400
Assistant bacteriologist					1	2,500
Assistant chemist	7.5	2,740	7.5	2,740	9.8	2,626
Grade 1, $1,860 to $2,400; average, $2,111.42—						
Junior bacteriologist	2	1,920	2	1,920	2.3	1,917
Junior pharmacologist	1	1,920	1	1,920	0.8	1,860
Junior chemist	7	2,060	5	2,140	6	2,105
Subprofessional service—						
Grade 4, $1,500 to $1,860; average, $1,680—						
Assistant scientific aid	3	1,540	3	1,540	2.6	1,511
Grade 3, $1,320 to $1,680; average, $1,500—						
Junior scientific aid	2	1,350	2	1,350	1.2	1,371
Grade 1, $900 to $1,260; average, $1,080—						
Minor scientific helper	5.3	1,177	5.3	1,177	4.6	1,173

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Food, Drug, and Insecticide Administration—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service—Continued.						
Salaries—Continued.	*Average—*		*Average—*		*Average—*	
Clerical, administrative, and fiscal service—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 8, $2,700 to $3,300; average, $3,000—						
Associate administrative officer	1	$3,300	1	$3,300	1	$3,300
Grade 7, $2,400 to $3,000; average, $2,700—						
Assistant administrative officer	1	2,800	1	2,800	1	2,800
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	5	2,028	5	2,028	4.2	2,019
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	2	1,740	2	1,740	2	1,710
Clerk-stenographer	1	1,740	1	1,740	0.9	1,680
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	7	1,666	7	1,666	5.5	1,505
Senior stenographer	3	1,540	3	1,540	3	1,500
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	3	1,480	3	1,480	2	1,464
Junior operator	1	1,560	1	1,560	1	1,500
Custodial service—						
Grade 2, $900 to $1,140; average, $1,020—						
Office laborer-messenger boy					0.5	960
Assistant messenger	1	900	1	900	0.2	1,020
Grade 1, $600 to $780; average, $690—						
Junior messenger					0.2	600
Total average number of employees	80.6		77.6		82.1	
Total salaries, departmental service		202,910.00		196,090.00		207,935.97
The difference between 1929 and 1928 is due to increase in force, $6,820.						
Field service:						
Salaries and wages—						
Salary range, $5,200 to $6,000; average, $5,600—						
Chief of district	3	5,400	3	5,400	3	5,200
Salary range, $3,800 to $5,000; average, $4,400—						
Chemist	1.2	4,000	1.2	4,000	1.3	3,867
Chief of station	15	3,946	15	3,946	14.2	3,849
Assistant chief of station	1	3,800	1	3,800	0.1	3,800
Assistant to chief of district	2	4,000	2	4,000	2	3,800
Salary range, $3,000 to $3,600; average, $3,300—						
Associate chemist	24	3,138	25	3,136	23.4	3,097
Chief food and drug inspector	5	3,040	5	3,040	5.8	3,004
Associate pharmacognosist	1	3,200	1	3,200	0.3	3,141
Associate bacteriologist	1	3,100	1	3,100	1	3,000
Salary range, $2,400 to $3,000; average, $2,700—						
Assistant chemist	23	2,605	22	2,614	23.8	2,577
Assistant engineer					0.9	2,900
Senior inspector	19	2,636	19	2,636	17.7	2,602
Assistant administrative officer	1	2,400	1	2,400	1.5	2,467
Junior administrative assistant	2	2,700	2	2,700	1.5	2,633
Salary range, $2,100 to $2,700; average, $2,400—						
Principal clerk	1	2,200	1	2,200	1	2,200
Salary range, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	11	1,965	11	1,965	10.9	1,951
Junior chemist	27	2,028	26	2,035	26.3	2,012
Junior chemical engineer	1	1,920	1	1,920	1.9	1,860
Junior pharmacognosist	1	1,860	1	1,860		
Inspector	22	2,110	19	2,150	21.4	2,128
Senior scientific aid	1	1,860	1	1,860	1	1,860
Salary range, $1,680 to $2,040; average, $1,860—						
Wharf examiner	7	1,903	6	1,940	7	1,916
Clerk	8	1,792	8	1,792	8.1	1,758
Salary range, $1,500 to $1,860; average, $1,680—						
Assistant scientific aid	2	1,525	2	1,525	2	1,522
Assistant wharf examiner					0.1	1,500
Assistant clerk	11	1,615	11	1,615	10.8	1,560
Senior stenographer	6	1,540	6	1,540	4.1	1,520
Assistant clerk-stenographer	2	1,500	1	1,500	2	1,500
Assistant mechanic	1	1,560	1	1,560	1	1,500
Salary range, $1,320 to $1,680; average, $1,500—						
Junior scientific aid	5	1,332	5	1,332	5.3	1,320
Junior wharf examiner	2	1,320	2	1,320	0.6	1,320
Junior clerk	14	1,440	14	1,440	17.3	1,441
Junior stenographer	8	1,350	8	1,350	7	1,323
Junior clerk-typist					0.8	1,320
Salary range, $1,140 to $1,500; average, $1,320—						
Underclerk	3	1,400	3	1,400	2	1,350
Under scientific helper	4	1,185	4	1,185	3.9	1,172
Skilled laborer and messenger	1	1,440	1	1,440	0.1	1,440
Skilled laborer at $5 per diem					0.1	1,800
Salary range, $1,020 to $1,260; average, $1,140—						
Messenger	1	1,020	1	1,020	1	1,020
Salary range, $960 to $1,260; average, $1,080—						
Minor scientific helper	17	1,006	17	1,006	15.7	995
Unskilled laborer	1	1,200	1	1,200	1	1,170
Total average number of employees	255.2		249.2		218.9	
Total salaries and wages, field service		569,420.00		559,500.00		548,165.25
The difference between 1929 and 1928 is due to increase in force, $9,920.						
01 Total personal services		772,330.00		755,590.00		756,101.22

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Food, Drug, and Insecticide Administration—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Supplies and materials:			
0200	Stationery and office supplies	$4,000.00	$4,100.00	$4,734.33
0220	Scientific supplies	16,900.00	16,000.00	20,175.19
0230	Fuel	1,500.00	1,500.00	1,710.58
0280	Sundry supplies	3,500.00	3,000.00	4,522.33
0285	Samples	12,000.00	11,000.00	11,347.06
02	Total supplies and materials	37,900.00	35,600.00	42,489.49
04	Storage and care of vehicles (service)	100.00	100.00	114.00
	Communication service:			
0500	Telegraph service	3,950.00	3,600.00	4,160.97
0510	Telephone service	5,000.00	5,000.00	5,297.32
0520	Other communication service	250.00	100.00	245.24
05	Total communication service	9,200.00	8,700.00	9,703.53
	Travel expenses:			
0615	Transportation	37,500.00	34,235.00	38,301.19
0616	Subsistence	35,500.00	32,765.00	36,627.02
06	Total travel expenses	73,000.00	67,000.00	74,928.21
07	Transportation of things (service)	5,680.00	4,180.00	6,884.28
	Printing and binding:			
0820	Stenographic work, typewriting, etc	50.00	30.00	48.65
0830	Photographing and making photographs and prints	50.00	45.00	57.88
08	Total printing and binding	100.00	75.00	106.53
09	Advertising and publication of notices	15.00	15.00	16.05
10	Furnishing of heat, light, power, water, and electricity	1,750.00	1,750.00	1,749.08
	Rents:			
1100	Rents of buildings and structures	20,170.00	20,170.00	19,930.00
1110	Other rents	15.00	15.00	23.00
11	Total rents	20,185.00	20,185.00	19,953.00
12	Repairs and alterations	3,440.00	3,000.00	6,361.15
13	Special and miscellaneous current expenses	5,700.00	5,485.00	7,428.47
	Equipment:			
3010	Furniture, furnishings, and fixtures	1,200.00	1,500.00	2,340.81
3020	Scientific equipment	5,000.00	3,500.00	6,279.12
3050	Other equipment	2,400.00	2,100.00	5,188.96
30	Total equipment	8,600.00	7,100.00	13,808.89
			908,780.00	939,643.90
	Unobligated balance			4,284.10
	Reserve		10,000.00	
	Total	938,000.00	918,780.00	943,928.00

For enabling the Secretary of Agriculture to carry into effect the provisions of the act approved March 2, 1897, entitled "An act to prevent the importation of impure and unwholesome tea," as amended, including payment of compensation and expenses of the members of the board appointed under section 2 of the act and all other necessary officers and employees (*U. S. C., p. 56, secs. 511, 512; pp. 93–97; secs. 91–99, 121–134; pp. 621–626, secs. 1–18, 24, 41–50, 61–63; act Jan. 18, 1927, vol. 44, pp. 1002, 1003*) $41,055.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
Grade 4, $3,800 to $5,000; average, $4,400—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Supervising tea examiner	1	$4,200	1	$4,200	1	$4,000
Clerical, administrative and fiscal service—						
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk					0.5	2,300
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	1	1,680	1	1,680	0.8	1,680
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk					0.2	1,560
Senior stenographer					0.4	1,500

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Food, Drug, and Insecticide Administration—Continued.

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
		Average— *No.*	*Salary*	*Average*— *No.*	*Salary*	*Average*— *No.*	*Salary*
	Departmental service—Continued						
	Salaries—Continued.						
	Subprofessional service—						
	Grade 1, $900 to $1,260; average, $1,080—						
	Minor scientific helper	1	$900	1	$900	0.6	$900
	Total average number of employees	3		3		3.5	
	Total salaries, departmental service		6,780.00		6,780.00		7,804.92
	Field service:						
	Salaries and wages—						
	Salary range, $3,800 to $5,000; average, $4,400—						
	Chemist	0.8	4,000	0.8	4,000	0.7	3,868
	Salary range, $3,000 to $3,600; average, $3,300—						
	Chief tea examiner	1	3,000	1	3,000	1	3,000
	Salary range, $2,400 to $3,000; average, $2,700—						
	Tea examiner	3	2,633	3	2,633	3.6	2,773
	Assistant chemist	1	2,800	1	2,800		
	Salary range, $1,500 to $1,860; average, $1,680—						
	Tea sampler	4	1,680	4	1,680	5	1,639
	Assistant scientific aid	1	1,680	1	1,680		
	Laboratory helper	1	1,500	1	1,500	1	1,500
	Clerk	1	1,680	1	1,680	1	1,779
	Opener and packer (acting sampler)					0.8	1,680
	Salary range, $1,020 to $1,260; average, $1,140—						
	Messenger boy					1	840
	Salary range, $900 to $1,260; average, $1,080—						
	Minor scientific helper	1	900	1	900	1	1,000
	Members of board of tea experts	6	50	6	50	6	50
	Total average number of employees	19.8		19.8		21.1	
	Total salaries and wages, field service		29,680.00		29,680.00		30,564.69
01	Total personal services		36,460.00		36,460.00		38,369.61
	Supplies and materials:						
0200	Stationery and office supplies		400.00		335.00		432.12
0220	Scientific supplies		375.00		245.00		384.89
0230	Fuel		30.00		30.00		30.00
0280	Sundry supplies		55.00		50.00		187.18
02	Total supplies and materials		860.00		660.00		1,034.19
	Communication service:						
0500	Telegraph service		25.00		25.00		36.25
0510	Telephone service		172.00		172.00		216.60
0520	Other communication service		3.00		3.00		1.14
05	Total communication service		200.00		200.00		253.99
	Travel expenses:						
0615	Transportation		816.00		680.00		820.37
0616	Subsistence		334.00		270.00		342.40
06	Total travel expenses		1,150.00		950.00		1,162.77
07	Transportation of things (service)		150.00		150.00		986.82
08	Photographing and making photographs and prints		2.00		2.00		.75
10	Furnishing of heat, light, power, water, and electricity		15.00		15.00		14.00
	Rents:						
1100	Rents of buildings and structures		1,500.00		1,500.00		
1110	Other rents		18.00		18.00		18.00
11	Total rents		1,518.00		1,518.00		18.00
12	Repairs and alterations		40.00		40.00		39.38
13	Special and miscellaneous current expenses		535.00		535.00		689.67
	Equipment:						
3010	Furniture, furnishings, and fixtures		75.00		20.00		32.48
3020	Scientific equipment						4.31
3050	Other equipment		50.00		5.00		6.33
30	Total equipment		125.00		25.00		43.12
	Unobligated balance				40,555.00		42,612.30
	Reserve				500.00		1,132.70
	Total		41,055.00		41,055.00		43,745.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Salaries and Expenses, Food, Drug, and Insecticide Administration—Continued. For enabling the Secretary of Agriculture to carry into effect the provisions of the naval stores act of March 3, 1923 (*U. S. C., p. 56, secs. 511, 512; pp. 93–97, secs. 91–99, 121–134; pp. 621–626, secs. 1–18, 24, 41–50, 61–63; act Jan. 18, 1927, vol. 44, pp. 1002, 1003*)----------	$37,825.00	

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1917	
	Average— *No.*	*Salary*	*Average—* *No.*	*Salary*	*Average—* *No.*	*Salary*
Departmental service:						
Salaries—						
Professional and scientific service—						
Grade 5, $5,200 to $6,000; average, $5,600—						
Senior chemist	0.5	$5,400	0.5	$5,400	0.3	$5,200
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate naval stores classifier	1	3,100	1	3,100	1	3,050
Grade 1, $1,860 to $2,400; average, $2,111.42—						
Junior chemist	1	2,000	1	2,000	0.7	1,920
Clerical, administrative, and fiscal service—						
Grade 3, $1,500 to $1,860; average, $1,680—						
Senior stenographer	1	1,560	1	1,560	0.9	1,500
Total average number of employees	3.5		3.5		2.9	
Total salaries, departmental service		9,360.00		9,360.00		6,942.47
Field service:						
Salaries and wages—						
Salary range, $3,000 to $3,600; average, $3,300—						
Associate naval stores classifier	1	3,600	1	3,600	0.5	3,600
Salary range, $2,400 to $3,000; average, $2,700—						
Assistant naval stores classifier	4	2,400	4	2,400	1.9	2,400
Salary range, $1,860 to $2,400; average, $2,111.42—						
Naval stores classifier	1	2,400	1	2,400	1	2,300
Naval stores inspector	2	2,200	2	2,200	1	1,920
Salary range, $1,500 to $1,860; average, $1,680—						
Junior naval stores demonstrator					0.2	1,500
Total average number of employees	8		8		4.6	
Total salaries and wages, field service		20,000.00		20,000.00		11,080.42
01 Total personal services		29,360.00		29,360.00		18,022.89
Supplies and materials:						
0200 Stationery and office supplies		150.00		150.00		136.22
0220 Scientific supplies		330.00		330.00		312.41
0230 Fuel		20.00		20.00		13.84
0280 Sundry supplies		300.00		300.00		270.34
0285 Samples		100.00		100.00		16.31
02 Total supplies and materials		900.00		900.00		749.12
04 Storage and care of vehicles		15.00		15.00		7.87
Communication service:						
0500 Telegraph service		62.00		62.00		58.87
0510 Telephone service		36.00		36.00		33.75
0520 Other communication service		2.00		2.00		.82
05 Total communication service		100.00		100.00		93.44
Travel expenses:						
0615 Transportation		2,330.00		2,255.00		2,160.82
0616 Subsistence		3,800.00		3,675.00		3,285.41
06 Total travel expenses		6,130.00		5,930.00		5,446.23
07 Transportation of things (service)		400.00		400.00		310.92
Printing and binding:						
0820 Stenographic work, typewriting, etc		5.00		5.00		4.19
0830 Photographing and making photographs and prints		5.00		5.00		4.99
08 Total printing and binding		10.00		10.00		9.18
10 Furnishing of heat, light, power, water and electricity		10.00		10.00		6.70
12 Repairs and alterations		150.00		150.00		166.92
13 Special and miscellaneous current expenses		300.00		250.00		238.85
Equipment:						
3010 Furniture, furnishings, and fixtures		100.00		50.00		64.78
3020 Scientific equipment		200.00		50.00		140.11
3050 Other equipment		150.00		100.00		759.67
30 Total equipment		450.00		200.00		964.56
				37,325.00		26,016.68
Unobligated balance						1,808.32
Reserve				500.00		
Total		37,825.00		37,825.00		27,825.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Salaries and Expenses, Food, Drug, and Insecticide Administration—Continued. For enabling the Secretary of Agriculture to carry into effect the provisions of the act of April 26, 1910, entitled "An act for preventing the manufacture, sale, or transportation of adulterated or misbranded Paris greens, lead arsenates, other insecticides, and also fungicides, and for regulating traffic therein, and for other purposes," [$200,000] (*U. S. C., p. 56, secs. 511.512; pp. 93–97, secs. 91–99, 121–134; pp. 621–626, secs. 1–18, 24, 41–50, 61–63; act Jan. 18, 1927, vol. 44, pp. 1002, 1003*)	$215,000.00	

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 5, $5,200 to $6,000; average, $5,600—						
Senior chemist (chief supervisory officer)	1	$5,400	1	$5,400	1	$5,200
Senior chemist (chief of laboratory)	1	5,200	1	5,200	1	5,200
Grade 4, $3,800 to $5,000; average, $4,400—						
Pathologist in charge	1	4,200	1	4,200	1	4,200
Chemist	4	3,900	3	3,933	2.3	3,877
Bacteriologist	1	3,800	1	3,800		
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate chemist	3	3,100	3	3,100	4.7	3,204
Associate bacteriologist					0.7	3,450
Associate veterinarian	1	3,000	1	3,000	1	3,000
Associate microanalyst	1	3,300	1	3,300	1	3,200
Associate pathologist	1	3,200	1	3,200	0.5	3,000
Associate attorney					0.5	3,100
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant pathologist					0.5	3,000
Assistant chemist	6	2,533	4	2,600	5	2,530
Grade 1, $1,860 to $2,400; average, $2,111.42—						
Junior bacteriologist	1	2,100	1	2,100	1	1,960
Junior chemist	4	2,030	3	2,067	5.1	1,921
Clerical, administrative, and fiscal service—						
Grade 9, $3,000 to $3,600; average, $3,300—						
Senior administrative assistant	1	3,500	1	3,500	1	3,400
Grade 8, $2,700 to $3,300; average, $3,000—						
Administrative assistant	1	2,700	1	2,700		
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal accounting assistant	1	2,500	1	2,500	1	2,400
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Inspector					1	2,100
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk-stenographer	1	1,920	1	1,920	1	1,890
Principal stenographer	1	1,800	1	1,800	1	1,770
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	3	1,740	3	1,740	2	1,740
Senior stenographer	1	1,620	1	1,620	2	1,590
Assistant clerk-stenographer	2	1,710	2	1,710	2	1,665
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	2	1,380	2	1,380	2	1,350
Underoperator, office devices	1	1,140	1	1,140	1	1,140
Subprofessional service—						
Grade 1, $900 to $1,260; average, $1,080—						
Minor scientific helper	4	975	3	1,000	3	975
Custodial service—						
Grade 3, $900 to $1,260; average, $1,080—						
Senior laborer	1	1,080	1	1,080	1	1,080
Grade 2, $780 to $1,140; average, $960—						
Junior laborer	2	900	2	900	2	900
Total average number of employees	46		41		45.3	
Total salaries, departmental service		111,780.00		100,360.00		107,531.41
The difference between 1929 and 1928 is due to increase in force, $11,420.						
Field service:						
Salaries and wages—						
Salary range, $3,800 to $5,000; average, $4,400—						
Entomologist in charge	1	3,800	1	3,800	1	3,800
Chemist	1	3,800	1	3,800		
Salary range, $3,000 to $3,600; average, $3,300—						
Associate entomologist	1	3,000	1	3,000	1	3,000
Salary range, $2,400 to $3,000; average, $2,700—						
Assistant chemist	1	2,600	1	2,600		
Assistant entomologist	2	2,400	1	2,400	0.1	2,400
Assistant pathologist	2	2,500	2	2,500	2	2,450
Senior inspector	2	2,550	2	2,550	2.8	2,500
Salary range, $1,860 to $2,400; average, $2,111.42—						
Junior entomologist	1	2,300	1	2,300	1	2,200
Junior chemist	2	2,100	3	2,040	0.9	1,860
Inspector	5	2,140	5	2,140	4.1	2,075
Salary range, $1,500 to $1,860; average, $1,680—						
Assistant clerk	1	1,560	1	1,560	1	1,500
Assistant scientific aid	1	1,800	1	1,800	1	1,740
Salary range, $900 to $1,260; average, $1,080—						
Minor scientific helper	1	1,080	1	1,080	1	1,080
Total number of regular employees, field service	21		21		15.9	
Total salaries, regular employees		49,740.00		49,260.00		35,992.15
The difference between 1929 and 1928 is due to increase in force, $480.						
Temporary employees at salaries ranging from $1,200 to $1,860 per year	12		12		11	
Total salaries and wages, temporary employees		6,500.00		6,500.00		3,744.44
Total number of employees, field service	33		33		26.8	
Total salaries and wages, field service		56,240.00		55,760.00		39,736.59
01 Total personal services		168,020.00		156,120.00		147,268.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Food, Drug, and Insecticide Administration—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Supplies and materials:			
0200	Stationery and office supplies	$1,800.00	$1,600.00	$1,616.29
0220	Scientific and educational supplies	3,100.00	2,600.00	2,685.27
0230	Fuel	900.00	900.00	912.65
0250	Forage and other supplies for animals	100.00	100.00	140.48
0280	Sundry supplies	2,000.00	1,700.00	1,719.90
0285	Samples	3,800.00	3,100.00	3,286.93
02	Total supplies and materials	11,700.00	10,000.00	10,361.52
04	Storage and care of vehicles (service)	115.00	115.00	111.00
	Communication service:			
0500	Telegraph service	170.00	95.00	108.92
0510	Telephone service	340.00	240.00	278.36
0520	Other communication service	5.00	5.00	.93
05	Total communication service	515.00	340.00	388.21
	Travel expenses:			
0615	Transportation	7,925.00	6,625.00	6,920.34
0616	Subsistence	10,670.00	9,620.00	9,954.27
06	Total travel expenses	18,595.00	16,245.00	16,874.61
07	Transportation of things (service)	1,050.00	900.00	950.68
11	Rent of buildings	1,480.00	1,480.00	1,320.00
12	Repairs and alterations	1,700.00	1,500.00	1,548.41
13	Special and miscellaneous current expenses	6,200.00	5,000.00	5,002.66
	Equipment:			
3010	Furniture, furnishings, and fixtures	875.00	700.00	898.96
3020	Scientific equipment	2,590.00	1,900.00	2,502.06
3040	Livestock	25.00	25.00	25.38
3050	Other equipment	2,135.00	1,675.00	1,919.95
30	Total equipment	5,625.00	4,300.00	5,346.35
			196,000.00	189,171.44
	Unobligated balance			11,623.56
	Reserve		4,000.00	
	Total	215,000.00	200,000.00	200,795.00

For enabling the Secretary of Agriculture to carry into effect the provisions of an act approved February 15, 1927, entitled "An act to regulate the importation of milk and cream into the United States for the purpose of promoting the dairy industry of the United States and protecting the public health" (submitted) $50,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
Grade 4, $3,800 to $5,000; average, $4,400—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Administrative officer	1	$3,800				
Clerical, administrative, and fiscal service—						
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	1	1,500				
Total average number of employees	2					
Total salaries, departmental service		5,300				
Field service:						
Salaries and wages—						
Veterinary, sanitary, and milk inspectors, etc.—						
Salary range, $3,800 to $5,000; average, $4,400—						
Inspector in charge	1	3,800				
Salary range, $3,000 to $3,600; average, $3,300—						
Associate inspector	1	3,000				
Salary range, $2,400 to $3,000; average, $2,700—						
Assistant inspector	2	2,400				
Salary range, $1,860 to $2,400; average, $2,111.42—						
Junior inspector	8	1,860				
Salary range, $1,500 to $1,860; average, $1,680—						
Assistant clerk	1	1,500				
Salary range, $900 to $1,260; average, $1,080—						
Minor scientific helper	2	900				
Total average number of employees	15					
Total salaries and wages, field service		29,780				
01 Total personal services		35,080				

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Food, Drug, and Insecticide Administration—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Supplies and materials:			
0200	Stationery and office supplies	$250		
0220	Scientific supplies	800		
0230	Fuel	100		
0280	Sundry supplies	100		
0285	Samples	680		
02	Total supplies and materials	1,930		
	Communication service:			
0500	Telegraph service	35		
0510	Telephone service	65		
05	Total communication service	100		
	Travel expenses:			
0615	Transportation	4,770		
0616	Subsistence	4,750		
06	Total travel expenses	9,520		
07	Transportation of things (service)	250		
08	Photographing and making photographs and prints	20		
11	Rent of buildings, offices	1,200		
12	Repairs and alterations	100		
13	Special and miscellaneous current expenses	900		
	Equipment:			
3010	Furniture, furnishings, and fixtures	200		
3020	Scientific equipment	700		
30	Total equipment	900		
	Total	50,000		

For enabling the Secretary of Agriculture to carry into effect the provisions of an act approved March 4, 1927, entitled "An act to safeguard the distribution and sale of certain dangerous caustic or corrosive acids, alkalies, and other substances in interstate and foreign commerce" (submitted) ---- $25,000.00

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
		Average—		*Average—*		*Average—*	
		No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Departmental service:						
	Salaries—						
	Professional and scientific service—						
	Grade 5, $5,200 to $6,000; average, $5,600—						
	Senior toxicologist	1	$5,200				
	Grade 3, $3,000 to $3,600; average, $3,300—						
	Associate chemist	1	3,000				
	Grade 2, $2,400 to $3,000; average, $2,700—						
	Assistant chemist	1	2,400				
	Grade 1, $1,860 to $2,400; average, $2,111.42—						
	Junior chemist	2	1,860				
	Clerical, administrative, and fiscal service—						
	Grade 5, $1,860 to $2,400; average, $2,111.42—						
	Senior clerk—stenographer	1	1,860				
	Subprofessional service—						
	Grade 1, $900 to $1,260; average, $1,080—						
	Minor scientific helper	1	900				
	Custodial service—						
	Grade 2, $900 to $1,140; average, $1,020—						
	Assistant messenger	1	900				
	Total average number of employees	8					
01	Total salaries, departmental service		17,980				
	Supplies and materials:						
0200	Stationery and office supplies		170				
0220	Scientific supplies		300				
0285	Samples		1,400				
02	Total supplies and materials		1,870				
	Communication service:						
0500	Telegraph		50				
0510	Telephone		75				
05	Total communication service		125				
	Travel expense:						
0615	Transportation		1,500				
0616	Subsistence		2,500				
06	Total travel expense		4,000				
07	Transportation of things (service)		125				
	Equipment:						
3010	Furniture, furnishings, and fixtures		200				
3020	Scientific equipment		700				
30	Total equipment		900				
	Total		25,000				

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Salaries and Expenses, Food, Drug, and Insecticide Administration—Continued. [Hereafter the examinations of specimens of foods, drugs, insecticides, Paris greens, lead arsenates, and fungicides, provided for by section 4 of the food and drugs act of June 30, 1906, and by section 4 of the insecticide act of 1910, shall be made in the Food, Drug, and Insecticide Administration or in such other branches of the Department of Agriculture as the Secretary of Agriculture may direct.]		
Total, Food, Drug, and Insecticide Administration, [$1,311,385] *$1,420,605*, of which amount not to exceed [$419,871] *$460,000* may be expended for personal services in the District of Columbia	$1, 420, 605. 00	$1, 311, 385. 00
INTERCHANGE OF APPROPRIATIONS		
Not to exceed 10 per centum of the foregoing amounts for the miscellaneous expenses of the work of any bureau, division, or office herein provided for shall be available interchangeably for expenditures on the objects included within the general expenses of such bureau, division, or office, but no more than 10 per centum shall be added to any one item of appropriation except in cases of extraordinary emergency, and then only upon the written order of the Secretary of Agriculture.		
MISCELLANEOUS ITEMS		
Forest Fire Cooperation—		
NOTE.—This item has been transferred to the Forest Service.		
Cooperative Farm Forestry—		
NOTE.—This item has been transferred to the Extension Service.		
Cooperative Distribution of Forest Planting Stock—		
NOTE.—This item has been transferred to the Forest Service.		
Acquisition of Lands for Protection of Watersheds of Navigable Streams—		
NOTE.—This item has been transferred to the Forest Service.		
Experiments and Demonstrations in Livestock Production— To enable the Secretary of Agriculture, in cooperation with the authorities of the States concerned, or with individuals, to make such investigations and demonstrations as may be necessary in connection with the development of livestock production in the cane-sugar and cotton districts of the United States [$43,930], *$54,000, of which amount $13,000 shall be available only for the construction of a bridge across Bayou Teche at the New Iberia Livestock Experiment Station, Louisiana (acts June 30, 1914, vol. 38, p. 441; Jan. 18, 1927, vol. 44, p. 1004)*	54, 000. 00	43, 930. 00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
Salary range, $3,000 to $3,600; average, $3,300—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Associate parasitologist	1	$3, 180	1	$3, 180	1	$3, 180
Agent in animal husbandry					0. 1	3, 000
Salary range, $2,400 to $3,000; average, $2,700—						
Agent in animal husbandry	1	2, 500	1	2, 500	1	2, 500
Salary range, $1,860 to $2,400; average, $2,111.42—						
Junior animal husbandman	1	2, 060	1	2, 060	1	2, 060
Salary range, $1,500 to $1,860; average, $1,680—						
Assistant clerk	1	1, 500	1	1, 500	1	1, 500
Salary range, $1,140 to $1,500; average, $1,320—						
Underclerk	1	1, 140	1	1, 140	0. 7	1, 140
Total average number of regular employees	5		5		4. 8	
Total salaries, regular employees		10, 380. 00		10, 380. 00		10, 684. 80
Temporary employees with salaries ranging from $156 to $1,500 per annum	30		30		24. 9	
Total salaries and wages of temporary employees		15, 415. 00		15, 415. 00		16, 781. 64
Total number employees	35		35		29. 7	
Total salaries and wages, field service		25, 795. 00		25, 795. 00		27, 466. 44
Deduct allowance value of quarters, subsistence, etc., furnished		1, 110. 00		1, 110. 00		1, 076. 25
01 Total personal services, cash payment salaries and wages		24, 685. 00		24, 685. 00		26, 390. 19

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Experiments and Demonstrations in Livestock Production—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Supplies and materials:			
0200	Stationery and office supplies	$10.00	$10.00	$9.95
0210	Medical and hospital supplies	15.00	15.00	14.78
0220	Scientific and educational supplies	55.00	55.00	54.03
0230	Fuel	1,550.00	1,550.00	1,552.63
0250	Forage and other supplies for animals	5,320.00	6,750.00	6,875.84
0280	Sundry supplies	1,950.00	1,950.00	1,934.10
0290	Materials	100.00	100.00	118.92
02	Total supplies and materials	9,000.00	10,430.00	10,360.25
04	Subsistence and care of animals and storage and care of vehicles	10.00	10.00	9.00
	Communication service:			
0500	Telegraph service	20.00	20.00	18.50
0510	Telephone service	60.00	60.00	59.89
0520	Other communication service			.81
05	Total communication service	80.00	80.00	79.20
	Travel expenses:			
0615	Transportation	1,650.00	1,350.00	1,364.72
0616	Subsistence	1,000.00	800.00	796.46
06	Total travel expenses	2,650.00	2,150.00	2,161.18
07	Transportation of things (service)	500.00	500.00	507.12
10	Furnishing of heat and light and power	200.00	200.00	190.52
12	Repairs and alterations	1,825.00	3,975.00	1,473.25
13	Special and miscellaneous current expenses	1,000.00	850.00	850.50
	Equipment:			
3010	Furniture, furnishings, and fixtures	225.00	225.00	215.83
3020	Educational, scientific, and recreational equipment	75.00	75.00	60.33
3050	Other equipment	750.00	750.00	552.94
30	Total equipment	1,050.00	1,050.00	829.10
32	Bridges and viaducts	13,000.00		
				42,850.31
	Unobligated balance			1,079.69
	Total	54,000.00	43,930.00	43,930.00

Experiments in Dairying and Livestock Production in Western United States—
To enable the Secretary of Agriculture to conduct investigations and experiments in problems connected with the establishment of dairying and meat-production enterprises on the semiarid and irrigated lands of the western United States, including the purchase of livestock and the employment of necessary persons and means in the city of Washington and elsewhere, [$68,610] *(U. S. C., p. 1895, sec. 421; acts Aug. 11, 1916, vol. 39, p. 491; Jan. 18, 1927, vol. 44, p. 1004, 1005)* $60,000.00 $68,610.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
EXPERIMENTS IN DAIRYING AND LIVESTOCK PRODUCTION IN SEMIARID AND IRRIGATED DISTRICTS OF THE WESTERN UNITED STATES						
(Bureau of Animal Industry)						
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $3,000 to $3,600; average, $3,300—						
Associate husbandman	1	$3,600	1	$3,600	1	$3,450
Salary range, $2,400 to $3,000; average, $2,700—						
Assistant animal husbandman	2	2,750	2	2,750	1.4	2,750
Total average number of regular employees	3		3		2.4	
Total salaries, regular employees		9,100.00		9,100.00		7,432.72
Temporary employees with salaries ranging from $995 to $1,200 per annum	5		5		5.4	
Salaries and wages of temporary employees		4,813.00		4,813.00		5,915.38
Total average number of employees	8		8		7.8	
Total salaries and wages, field service		13,913.00		13,913.00		13,348.10
Deduct allowance value of quarters, subsistence, etc., furnished		771.00		771.00		452.25
01 Total personal services, cash payment, salaries and wages		13,142.00		13,142.00		12,895.85

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Experiments in Dairying and Livestock Production in Western United States—Con.

	Estimated expenditures, 1929 appropriation	Estimated; ex enditures, 1928 appropriation	Expended end obligated, 1927
EXPERIMENTS IN DAIRYING AND LIVESTOCK PRODUCTION IN SEMIARID AND IRRIGATED DISTRICTS OF THE WESTERN UNITED STATES—continued.			
Supplies and materials:			
0200 Stationery and office supplies	$10.00	$10.00	$9.42
0220 Scientific and educational supplies	75.00	75.00	65.23
0230 Fuel	375.00	325.00	362.80
0250 Forage and other supplies for animals	2,775.00	2,575.00	2,760.27
0280 Sundry supplies	150.00	150.00	132.08
02 Total supplies and materials	3,385.00	3,135.00	3,329.80
Communication service:			
0500 Telegraph service	50.00	50.00	42.64
0510 Telephone service	10.00	10.00	10.05
0520 Other communication service	3.00	3.00	3.15
05 Total communication service	63.00	63.00	55.84
Travel expense:			
0615 Transportation	1,600.00	1,475.00	1,579.52
0616 Subsistence	1,350.00	1,225.00	1,311.98
06 Total travel expense	2,950.00	2,700.00	2,891.50
07 Transportation of things (service)	150.00	150.00	135.46
10 Furnishing of heat, light, and power	25.00	25.00	17.12
Rents:			
1100 Rent of buildings and structures	120.00	120.00	120.00
1110 Other rents	600.00	600.00	600.00
11 Total rents	720.00	720.00	720.00
12 Repairs and alterations	500.00	500.00	428.20
13 Special and miscellaneous current expenses	50.00	50.00	65.22
Equipment:			
3020 Educational, scientific, and recreational equipment	50.00	50.00	45.73
3050 Other equipment	400.00	400.00	378.75
30 Total equipment	450.00	450.00	424.48
		20,935.00	20,963.47
Unobligated balance			471.53
Reserve		500.00	
Total	21,435.00	21,435.00	21,435.00
(Bureau of Dairy Industry)			
Field service:	*Average—*	*Average—*	*Average—*
Salaries and wages—	*No.* *Salary*	*No.* *Salary*	*No.* *Salary*
Salary range, $3,000 to $3,600; average, $3,300—			
Associate dairy husbandman	1 $3,500	1 $3,500	1 $3,400
Salary range, $2,400 to $3,000; average, $2,700—			
Assistant dairy husbandman			0.3 2,900
Agent in dairying (cooperative)	1 2,550	1 2,550	0.5 2,550
Salary range, $2,100 to $2,700; average, $2,400—			
Assistant dairy husbandman	1 2,500	0.2 2,500	
Salary range, $1,140 to $1,500; average, $1,320—			
Unskilled laborer	4 1,320	4 1,320	4.1 1,218
Salary range, $1,020 to $1,260; average, $1,140—			
Unskilled laborer	2 1,100	0.3 1,100	
alary range, $900 to $1,140; average, $1,020—			
Agent in dairying (cooperative)	1 900	1 900	
Total average number of regular employees	10	7.5	5.9
Total salaries and wages, regular employees	16,930	12,950	10,569
Deduct allowances for subsistence, lodging, etc	740	740	575
Cash payment, salaries and wages	16,190	12,210	9,994
Temporary employees at wages ranging from $3 to $12 per diem	2	5.2	2.6
Total salaries and wages, temporary employees	2,400.00	8,215.00	3,218.60
Deduct allowances for subsistence, lodging, etc			33.00
Cash payment, salaries and wages	2,400.00	8,215.00	3,185.60
Total number of employees, field service	12	12.7	8.5
Total salaries and wages, field service	18,590.00	20,425.00	13,179.60
Deduct expenditures for personal services included in objects named below		6,615.00	2,005.60
01 Total personal services	18,590.00	13,810.00	11,174.00
Supplies and materials:			
0200 Stationery and office supplies	140.00	115.00	114.47
0210 Medical and hospital supplies	175.00	100.00	96.62
0220 Scientific and educational supplies	85.00	85.00	83.61
0230 Fuel	1,770.00	1,385.00	1,200.78
0240 Wearing apparel and sewing supplies	15.00	15.00	13.50
0250 Forage and other supplies for animals	5,500.00	3,650.00	3,614.33
0280 Sundry supplies	970.00	170.00	151.04
0290 Materials	30.00	30.00	28.85
02 Total supplies and materials	8,685.00	5,550.00	5,303.20

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Experiments in Dairying and Livestock Production in Western United States—Contd.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
EXPERIMENTS IN DAIRYING AND LIVESTOCK PRODUCTION IN SEMIARID AND IRRIGATED DISTRICTS IN THE WESTERN UNITED STATES—continued.				
	Communication service:			
0500	Telegraph service	$30.00	$40.00	$26.50
0510	Telephone service	110.00	70.00	68.18
05	Total communication service	140.00	110.00	94.68
	Travel expenses:			
0615	Transportation	1,080.00	730.00	727.55
0616	Subsistence	355.00	205.00	205.57
06	Total travel expenses	1,435.00	935.00	933.12
07	Transportation of things	1,085.00	985.00	1,147.38
08	Photographing and photographic prints	10.00	10.00	9.66
11	Rents	570.00	570.00	250.00
12	Repairs and alterations	2,100.00	1,250.00	541.02
13	Special and miscellaneous current expenses	820.00	500.00	493.10
	Equipment:			
3020	Educational, scientific, and recreational equipment	40.00	40.00	35.45
3040	Livestock	2,500.00		750.00
3050	Other equipment	2,590.00	2,050.00	862.67
30	Total equipment	5,130.00	2,090.00	1,648.12
32	Construction		[1] 13,206.00	[1] 6,725.60
				28,319.88
	Unobligated balance			14.12
	Total	38,565.00	39,016.00	28,334.00

[1] One 8-room house 28 by 23 by 25 feet, two-story frame, plumbing hot-water heat, electric lights, 19,600 cubic feet, at $0.41 per cubic foot; one machinery shed, 24 by 60 by 12 feet, one-story frame, 17,280 cubic feet, at $0.10 per cubic foot; one horse barn, 24 by 30 by 18 feet, two-story frame, 12,960 cubic feet, at $0.23 per cubic foot; one cow stable, 24 by 130 by 12 feet, one-story frame, with one ell for storing feed, 28 by 18 by 11 feet, 42,984 cubic feet, at $0.125 per cubic foot; one milk house, 14 by 24 by 11½ feet, one-story frame, 3,864 cubic feet, at $0.31 per cubic foot; one pit silo, 10 feet in diameter by 30 feet deep, 2,356 cubic feet, at $0.25 per cubic foot.

[*Dairying and Livestock Experiment Station, Mandan, North Dakota*—
To enable the Secretary of Agriculture to carry out the provisions of the act entitled "An act to authorize the establishment of a dairying and livestock experiment station at Mandan, North Dakota," approved July 3, 1926, $25,000, to be immediately available.]

Passenger-Carrying Vehicles—
That not to exceed [$150,000] *$165,000* of the lump sum appropriations herein made for the Department of Agriculture shall be available for the purchase, maintenance, repair, and operation of motor-propelled and horse-drawn passenger-carrying vehicles necessary in the conduct of the field work of the Department of Agriculture outside the District of Columbia: *Provided*, That not to exceed [$45,000] *$60,000* of this amount shall be expended for the purchase of such vehicles, and that such vehicles shall be used only for official service outside the District of Columbia, but this shall not prevent the continued use for official service of motor trucks in the District of Columbia: *Provided further*, That the Secretary of Agriculture is authorized to expend, from the funds provided for carrying out the provisions of the Federal highway act of November 9, 1921 [(Forty-second Statutes at Large, page 212)], not to exceed $40,000 for the purchase of motor-propelled passenger-carrying vehicles to replace such vehicles heretofore acquired and used by the Secretary of Agriculture in the construction and maintenance of national forest roads or other roads constructed under his direct supervision which are or may become unserviceable, including the replacement of not to exceed two such vehicles for use in the administrative work of the Bureau of Public Roads in the District of Columbia: *Provided further*, That expenditures from appropriations contained in this act for the maintenance, upkeep, and repair, exclusive of garage rent, pay of operator, *tires*, fuel, and lubricants, on any one vehicle used by the Department of Agriculture shall not exceed one-third of the market price of a new vehicle of the same make or class, and in any case more than $500: *Provided further*, That the Secretary of Agriculture shall, on the first day of each regular session of Congress, make a report to Congress showing the amount expended under the provisions of this paragraph during the preceding fiscal year: *Provided further*, That the Secretary of Agriculture may exchange motor-propelled and horse-drawn vehicles, tractors, road equipment, and boats, and parts, accessories, tires, or equipment thereof, in whole or in part payment for vehicles, tractors, road equipment, or boats, or parts, accessories, tires, or equipment of such vehicles, tractors, road equipment, or boats, purchased by him (*U. S. C., p. 33, sec. 78; p. 665, sec. 3; act Jan. 18, 1927, vol. 44, p. 1005*).

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

Statement of proposed expenditures for the purchase, maintenance, repair, and operation of motor-propelled and horse-drawn passenger-carrying vehicles in the conduct of the field work of the Department of Agriculture outside of the District of Columbia, for the fiscal year ending June 30, 1929, as required by section 5 of the act of July 16, 1914 (38 Stat. 508)

TO BE PURCHASED DURING THE FISCAL YEAR 1929

Bureau, division, or office	Horse-drawn or motor-propelled	Appropriation	For purchase						Net cost	For maintenance, repair, and operation	Public purpose for which intended	Officials and employees by whom used
			New vehicles			Vehicles to be exchanged						
			Number	Description	Gross cost	Number	Description	Allowance (estimated)				
Agricultural Economics.	Motor propelled.	Market inspection of farm products.	9	Automobile.	$5,400	6	Automobile.	$900	$4,500	$1,935	Transporting inspectors between headquarters and widely scattered inspection points in connection with the inspection of fruits and vegetables and dairy products at terminal markets and adjacent points. To be used at New Orleans, Los Angeles, Minneapolis, Baltimore, San Francisco, Atlanta, Chicago, and Philadelphia (2).	Inspectors of farm products.
Do	do	Farm management and practice.	2	do	1,000	2	do	200	800	430	Transporting representatives of bureau in connection with farm management studies. To replace cars at Miles City, Mont., and Fargo, N. Dak.	Specialist in farm organization and farm management.
Do	do	Enforcement of the United States grain standards act.	6	do	2,850	6	do	600	2,250	1,290	Transporting grain samplers and supervisors between Federal grain supervision offices and railroad yards, warehouses, and grain elevators. To replace cars in Kansas City, New Orleans, St. Louis, Chicago, Cincinnati, and Minneapolis.	Grain samplers and supervisors.
Do	do	Administration of the United States warehouse act.	5	do	3,000	5	do	750	2,250	1,076	Transporting warehouse inspectors between licensed warehouses scattered over large areas, making the use of automobiles imperative. To replace old cars at New Orleans, Spokane (2), Walla Walla, and Sacramento.	Warehouse inspectors.
Do	do	Estimates of grade and staple length of cotton.	8	do	4,800				4,800	1,720	Transporting cotton classers between gins and warehouses scattered over wide areas in connection with making estimates of the grade and staple lengths of cotton. Two cars are needed at each of the following cities: Dallas, Atlanta, Houston, and Memphis.	Cotton classers and supervisors.
Bureau of Animal Industry.	do	Salaries and expenses (inspection and quarantine).	6	do	3,510	6	Automobile.	420	3,090	1,700	Travel to farms, ranches, and reservations in connection with the eradication of scabies in sheep and cattle.	Veterinary inspectors in New Mexico, Colorado, Nebraska, Washington, California, and Utah.
Do	do	Salaries and expenses (eradication of tuberculosis).	27	do	15,800	19	do	1,330	14,470	7,870	Travel to farms and premises for tuberculin testing and other work on tuberculosis eradication.	Veterinary inspectors in 19 States.
Do	do	Salaries and expenses (eradication of cattle ticks).	7	do	3,150	7	do	490	2,660	1,985	Travel to farms, premises, and dipping vats to inspect cattle for ticks and supervise the dipping of cattle.	Veterinary inspectors in Florida, Mississippi, Texas, and Louisiana.
Do	do	Salaries and expenses (eradication of hog cholera).	2	do	1,170				1,170	570	Travel to farms and premises in connection with the eradication of hog cholera.	Veterinary inspectors in Iowa and Ohio.
Do	do	Meat inspection	4	do	2,340	2	Automobile.	140	2,200	1,135	Travel to abattoirs and meat-packing plants under Federal inspection.	Inspectors in charge in Wisconsin, Pennsylvania, Ohio, and Idaho.
Office of Experiment Stations.	do	Office Experiment Stations, general expenses.	1	do	500				500	345	To use going for mail, express, supplies, etc., and for visiting cooperative experiments, Porto Rico Experiment Station.	Official in charge of station and his assistants.
Forest Service	do	Salaries and expenses, Forest Service.	1	do	1,000				1,000	345	Travel of district forester in Rocky Mountain National Forest District.	District forester.
Do	do	do	1	do	1,775	1	Automobile.	175	1,600	560	Travel of district forester in California National Forest District.	Do.
Do	do	do	1	do	650				650	300	Travel of law enforcement officer in securing compliance with regulations relative to the starting of forest fires.	Law enforcement officers.
Do	do	Forest fire cooperation.	1	do	1,000	1	Automobile.	150	850	345	Travel of Clarke-McNary law inspector in New England.	Clarke-McNary law inspector.
Do	do	do	1	do	1,000	1	do	150	850	345	Travel of Clarke-McNary law inspector in the Gulf States.	Do.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

Statement of proposed expenditures for the purchase, maintenance, repair, and operation of motor-propelled and horse-drawn passenger-carrying vehicles in the conduct of the field work of the Department of Agriculture outside of the District of Columbia, for the fiscal year ending June 30, 1929, as required by section 5 of the act of July 16, 1914 (38 Stat. 508)—Continued

TO BE PURCHASED DURING THE FISCAL YEAR 1929—Continued

Bureau, division, or office	Horse-drawn or motor-propelled	Appropriation	For purchase						Net cost	For maintenance, repair, and operation	Public purpose for which intended	Officials and employees by whom used
			New vehicles			Vehicles to be exchanged						
			Number	Description	Gross cost	Number	Description	Allowance (estimated)				
Forest Service	Motor propelled	Salaries and expenses, Forest Service.	1	Automobile.	$900				$900	$430	Travel of personnel of Ohio-Mississippi Valley Forest Experiment Station in conducting research in timber growing, forestation, and fire protection.	Director of experiment station and technical assistants.
Do	do	do	1	do	900				900	430	Travel of personnel of Allegheny Forest Experiment Station in conducting research in timber growing, forestation, and fire protection.	Do.
Do	do	do	1	do	900				900	430	Travel of personnel of Northeastern Forest Experiment Station in conducting research in timber growing, forestation, and fire protection.	Do.
Do	do	do	1	do	900				900	430	Travel of personnel of Lake States Forest Experiment Station in conducting research in timber growing, forestation, and fire protection.	Do.
Do	do	do	2	do	1,000	2	Automobile.	$200	800	690	Travel of personnel of Southern Forest Experiment Station in conducting research in timber growing, forestation, and fire protection.	Field parties of Southern Forest Experiment Station.
Do	do	do	1	Speeder	350				350	65	For use of forest officers assigned to timber sale work and forest guards on Southern National Forest.	Forest rangers and forest guards.
Do	do	do	1	do	350				350	65	For use of forest officers assigned to timber sale work on Umpqua National Forest.	Do.
Bureau of Public Roads.	do	Agricultural engineering.	2	Automobile.	1,900	2	Automobile.	40	1,860	515	Investigations of agricultural engineering problems.	Irrigation and drainage engineers.
Do	do	do	1	do	650				650	175	do	Do.
Bureau of Entomology.	do	Deciduous-fruit insects (Japanese beetle).	2	do	1,750				1,750	515	Inspection: 2 high-power, 5-passenger cars are needed for use of the officials conducting the bureau's research work on the Japanese beetle at Moorestown, N. J. These cars are to be used extensively for long trips throughout the Japanese beetle area, covering a territory of 14,000 square miles. The official in charge and his assistants are required to make frequent inspection trips throughout the infested territory to observe the extent of colonization of parasites and the effect of their introduction on the Japanese beetle. These observations are made at frequent intervals, and as the checking of the thickly infested area must be done at definite periods 2 cars are needed to cover the territory. These cars will also be used to carry cooperating State officials to points in infested regions, and such other incidental trips as will effect a saving of time or cost of travel.	Official in charge and assistants.
Plant quarantine control administration.	do	Foreign plant quarantines.	3	do	1,200	3	do	150	1,050	645	For visiting isolated cotton-growing sections remote from railroad points.	Officials and inspectors of the plant quarantine and control administration.
Do	do	Preventing spread of pink bollworm of cotton.	6	do	2,400	6	do	350	2,050	1,290	do	Do.
Do	do	Preventing spread of moths.	3	do	2,900				2,900	645	Scouting and quarantine inspection work.	Do.
Do	do	Preventing spread of Mexican fruit worm.	2	do	1,000				1,000	430	do	Do.
Total									60,000	28,705		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

Statement of proposed expenditures for the purchase, maintenance, repair, and operation of motor-propelled and horse-drawn passenger-carrying vehicles in the conduct of the field work of the Department of Agriculture outside of the District of Columbia for the fiscal year ending June 30, 1929, as required by section 5 of the act of July 16, 1914 (38 Stat. 508)

FOR MAINTENANCE, REPAIR, AND OPERATION DURING THE FISCAL YEAR 1929

Bureau, division, or office	Appropriation	Number	Description	Amount	Public purpose for which intended	Officials and employees by whom used
Bureau of Agricultural Economics.	Market inspection of farm products.	10	Automobiles	$2,150	Transporting inspectors between headquarters and widely scattered inspection points in connection with the shipping point inspection of fruits and vegetables and inspection at terminal markets and adjacent points. To be used at Wenatchee (2), Boston, New York, St. Louis, Chicago, Portland, Milwaukee, Kansas City, and Cleveland.	Inspectors of fruit and vegetables.
Do	Market News Service	1	do	215	Transporting market reporters between railroad yards, markets, and stockyards at Chicago to obtain information regarding livestock and meats.	Market reporters.
Do	Enforcement of the cotton futures act.	2	do	430	Collecting data and making inspections in connection with the enforcement of the United States cotton futures act at New Orleans and Galveston.	Cotton classers.
Do	Enforcement of the United States grain standards act.	12	do	2,580	Transporting grain samplers, supervisors, and others between Federal grain supervision offices and railroad yards, warehouses, and grain elevators. Cars to be used at Peoria, Ill., Indianapolis, Duluth (2), Portland, Kansas City, Minneapolis (2), Tacoma, Wash., Chicago, and Louisville.	Grain supervisors.
Do	Administration of the United States warehouse act.	7	do	1,505	Transporting warehouse inspectors between licensed warehouses scattered over large areas, making the use of automobiles imperative Cars are to be used at Raleigh (3), Portland, Atlanta, Boise City, and Maysville, Ky.	Warehouse inspectors.
Bureau of Animal Industry.	Salaries and expenses (inspection and quarantine).	19	do	6,535	Field transportation in connection with the inspection and dipping of cattle and sheep for scabies.	Veterinary inspectors in North Dakota, South Dakota, Wyoming, Colorado, Nebraska, Washington, California, Utah, Montana, and New Mexico.
Do	Salaries and expenses (eradicating tuberculosis).	59	do	20,300	Field transportation to farms in connection with tuberculin testing.	Veterinary inspectors in 21 States.
Do	Salaries and expenses (eradicating cattle ticks).	35	do	10,665	Field transportation to farms, ranches, and dipping vats to inspect cattle and supervise dipping for cattle ticks.	Veterinary inspectors in Louisiana, Alabama, South Carolina, North Carolina, Mississippi, Texas, Florida, and Arkansas.
Do	Meat inspection	13	do	4,470	Travel to abattoirs and meat-packing plants under Federal inspection.	Inspectors in charge in Maryland, Ohio, Illinois, Kansas, Idaho, Tennessee, California, Virginia, Minnesota, Rhode Island, and Wisconsin.
Do	Salaries and expenses (eradicating hog cholera).	3	do	1,035	Field travel to control outbreaks of disease	Veterinary inspectors in Ohio, Nebraska, Wisconsin, and Kansas.
Do	Salaries and expenses (hog cholera research).	1	do	345	Travel from Ames, Iowa, to surrounding country to investigate hog-cholera outbreaks.	Veterinary inspectors in Iowa.
Do	Salaries and expenses (control of viruses).	1	do	345	Travel to establishments producing antihog-cholera serum and other products in Kansas City and vicinity.	Veterinary inspectors in Kansas.
Do	Salaries and expenses (animal husbandry).	2	Busses	1,435	Convey scientific workers between the experiment farm at Beltsville, Md., and Washington, D. C.	Scientific workers engaged in research problems in animal husbandry and supervising officials.
Bureau of Dairy Industry.	Salaries and expenses, Bureau of Dairy Industry, dairy investigations.	1	Automobile	85	Transportation of employees of the dairy experiment farm between the farm Beltsville, Md., to Washington, D. C., and other points near by, on official business, and for transporting employees of bureau between farm and railroad station.	Farm superintendent and other farm employees.
Bureau of Entomology.	Forest insects	2	do	515	For use at the bureau's laboratory at Melrose Highlands, Mass., for colonizing parasites reared at the laboratory, and to make frequent surveys of the area infested by the gipsy and brown-tail moths. This equipment will also be used in silvicultural work, and for the observation and study of other forest insects in the New England States.	Official in charge and assistants.
Do	Cotton insects	7	do	1,205	For use in supervising experimental operations on numerous plantations in the vicinity of Tallulah, La.	Do.
Do	Truck crop insects	1	do	255	For use at Clarksville, Tenn., in connection with investigations of tobacco insects for collection of data, and visiting points where experiments are being carried on.	Do.
Do	do	1	do	170	For use at Tampa, Fla., on research and experimental eradication work in Florida.	Do.
Do	Insects affecting man and animals.	1	do	255	For use at Dallas, Tex., in visiting experiments conducted for investigations of insects affecting man and animals. These experiments are carried on in outlying districts inaccessible by any other means of travel.	Do.
Office of Experiment Stations.	Office of Experiment Stations	4	do	1,290	Transportation of mail, supplies, and employees; for the collection of data, visiting cooperative experiments, extension work, etc.	Directors of experiment stations and their assistants in Hawaii, Porto Rico, Guam, and the Virgin Islands.
Food, Drug, and Insecticide Administration.	Enforcement food and drugs act.	1	do	515	Visiting food factories, such as canneries and the like, for purpose of collecting samples and making inspections.	Chief of Boston station and inspectors.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

Statement of proposed expenditures for the purchase, maintenance, repair, and operation of motor-propelled and horse-drawn passenger-carrying vehicles in the conduct of the field work of the Department of Agriculture outside of the District of Columbia for the fiscal year ending June 30, 1929, as required by section 5 of the act of July 16, 1914 (38 Stat. 508)—Continued

FOR MAINTENANCE, REPAIR, AND OPERATION DURING THE FISCAL YEAR 1929—Continued

Bureau, division, or office	Appropriation	Number	Description	Amount	Public purpose for which intended	Officials and employees by whom used
Forest Service	Salaries and expenses	33	Speeders	$1,315	Protection and administration of national forests. Fire patrol and fire suppression along railroad rights of way. Transportation of employees engaged in timber sale administration and other activities.	Forest supervisors, forest rangers, lumbermen, scalers, forest guards, etc.
Do	do	1	Motor cycle	50	Fire patrol and fire suppression on Mount Hood National Forest, Oreg.	Forest guard.
Do	do	22	Automobiles	7,480	General administration of national forest districts and national forests. Transportation of experiment station employees and equipment of experimental areas. Travel of Clarke-McNary law inspectors.	District foresters, specialists in district offices, employees of forest experiment stations, and Clarke-McNary law inspector.
Bureau of Public Roads.	Agricultural engineering	17	do	4,470	Investigations of agricultural engineering problems.	Irrigation and drainage engineers.
Bureau of Plant Industry.	Salaries and expenses, Bureau of Plant Industry (crop physiology and breeding), 1929.	1	do	260	Supervision of station work at Palm Springs, Mecca, Martinez, and Indio, Calif.; and for visiting and inspecting cooperative experiments in date growing in the Coachella and Imperial Valleys of California generally.	The machine is kept at the United States Experiment Date Garden, Indio, Calif., and is used by the superintendent of that station and his assistants.
Do	General expenses, Bureau of Plant Industry (crop acclimatization), 1929.	1	do	215	This machine is the property of the Indian Bureau of Interior Department, and has been loaned to the Bureau of Plant Industry for use in connection with the acclimatization and adaptation investigations in cooperation with the Indian Bureau in the vicinity of the United States field station, Sacaton, Ariz. It is in constant use and greatly facilitates the work of our men by providing a means of getting about the country at a saving of time and expense.	Superintendent of station, 1 assistant agronomist, 1 assistant physiologist, 1 chief scientific aid, 1 senior scientific aid, and other employees of Department of Agriculture working at Sacaton.
Do	Salaries and expenses, Bureau of Plant Industry (dry land agriculture), 1929.	3	do	750	Inspection trips to cooperators in the States of Montana, North Dakota, South Dakota, and Wyoming, in cooperative shelter-belt work.	Inspections force of the field station, Mandan, N. Dak., engaged in the shelter-belt work.
Do	do	1	do	250	Making official trips between the field station and town and in making trips of inspection in the vicinity of the station.	Superintendent and assistants at field station, Mandan, N. Dak.
Do	do	1	Buggy	5	do	Superintendent and assistants at field station, Akron, Colo.
Do	do	1	Surrey	5	do	Superintendent and assistants at field station, Mandan, N. Dak.
Do		1	Buggy	5	do	Do.
Do	Salaries and expenses, Bureau of Plant Industry (Arlington Farm), 1929.	2	Horse-drawn runabouts.	100	To properly superintend the Arlington Experiment Farm, which is over 400 acres in extent, it is necessary to have such vehicles to economize time and to render the best possible service.	The horticulturist and superintendent in charge, and the assistant superintendent.
Do	do	1	25-passenger bus	1,000	This bus is used for the transportation of department employees headquartered in Washington and conducting work at the Arlington Experiment Farm.	Department employees.
Do	Western irrigation agriculture, 1929	1	Road cart	5	For use by the Farm superintendents and assistants at the stations listed in the next column in making trips between the stations and the towns for the purpose of purhasing supplies, transporting official visitors, etc. These field stations are located from 1 to 7 miles from the nearest towns and conveyances are absolutely necessary to the efficient conduct of the work.	Farm superintendent and assistants, United States Newlands field station, Fallon, Nev.
Do	do	2	Buggies ($10 each)	20	do	Farm superintendent and assistants, United States Belle Fourche field station, Newell, S. Dak.
Do	do	2	do	20	do	Farm superintendent and assistants, United States Huntley field station, Huntley, Mont.
Weather Bureau	Salaries and expenses, Weather Bureau.	2	Automobiles	255	Patroling and repairing Government telegraph lines.	Official in charge and assistants, Port Angeles, Wash.
Plant Quarantine Control Administration.	Preventing spread of Japanese and Asiatic beetles.	2	do	430	Inspection and scouting work	Officials and inspectors of the Plant Quarantine and Control Administration.
		1	do	215		
		1	do	175		Do.
Do	Preventing spread of pink bollworm of cotton.	1	do	215	do	
		5	do	690		
Do	Foreign plant quarantine	1	do	215		
		2	do	345	do	Do.
Do	Preventing spread of moths	1	do	215		
		1	do	215	do	Do.
		5	do	860		
Do	Preventing spread of European corn borer.	1	do	215	do	Do.
Total	do			76,295		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Eradication of Foot-and-Mouth and Other Contagious Diseases of Animals—		
NOTE.—This item has been transferred to the Bureau of Animal Industry.		
Mileage Rates for Motor Vehicles— Whenever, during the fiscal year ending June 30, [1928] *1929*, the Secretary of Agriculture shall find that the expenses of travel, including travel at official stations, can be reduced thereby, he may, in lieu of actual operating expenses, under such regulations as he may prescribe, authorize the payment of not to exceed 3 cents per mile for motor cycle, or 7 cents per mile for an automobile, used for necessary travel on official business.		
Collection of Seed Grain Loans— To enable the Secretary of Agriculture to collect moneys due the United States on account of loans made to farmers under the seed-grain loan provisions of the act of March 3, 1921, the seed grain loan act of March 20, 1922, [and] the seed and feed loan act of April 26, 1924, *and the Florida seed and fertilizer loans approved by the act of February 28, 1927*, [$10,000] *$15,000*, of which amount not to exceed [$7,190] *$10,500* may be expended for personal services in the District of Columbia (*acts Jan. 18, 1927, vol. 44, p. 1006; Feb. 28, 1927, vol. 44, p. 1251*)	$15,000.00	$10,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Clerical, administrative, and fiscal service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 9, $3,000 to $3,600; average, $3,300—						
Administrative officer	1	$3,000				
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk					0.3	$2,500
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	1	1,860	0.8	$1,860	1	1,830
Grade 3, $1,500 to $1,860; average, $1,680—						
Stenographer	0.5	1,620			0.2	1,620
Clerk	0.5	1,500	0.5	1,500	0.2	1,500
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior stenographer	1	1,380	0.8	1,340	1.7	1,483
Junior clerk	1	1,320	0.5	1,320	1.1	1,410
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	1	1,140	1	1,140	1	1,170
Total average number of employees	6		3.6		5.5	
Total salaries, departmental service		10,500.00		5,210.00		8,402.34
The difference between 1929 and 1928 is due to increase in force, $5,290.						
Field service:						
Salaries and wages—						
Salary range, $2,100 to $2,700; average, $2,400—						
Principal clerk	0.9	2,400	0.9	2,400	0.1	2,400
Salary range, $1,680 to $2,040; average, $1,860—						
Clerk					0.7	1,800
Clerk					0.5	1,680
Total average number of employees	0.9		0.9		1.3	
Total salaries and wages, field service		2,100.00		2,160.00		2,403.34
01 Total personal services		12,600.00		7,370.00		10,805.68
02 Stationery and office supplies		125.00		150.00		275.95
Communication service:						
0500 Telegraph service		25.00		25.00		35.80
0510 Telephone service		10.00		10.00		260.55
0520 Other communication service						2.40
05 Total communication service		35.00		35.00		298.75
Travel expenses:						
0615 Transportation		475.00		520.00		1,303.81
0616 Subsistence		1,700.00		1,800.00		936.10
06 Total travel expenses		2,175.00		2,320.00		2,239.91
07 Transportation of things (service)		15.00		25.00		58.23
Rents:						
1100 Rent of buildings and structures						275.00
1110 Other rents						30.00
11 Total rents						305.00
12 Repairs and alterations		25.00		25.00		99.95
13 Special and miscellaneous current expenses		25.00		50.00		87.80
30 Furniture, furnishings, and fixtures				25.00		118.86
Unobligated balance						14,290.13
						709.87
Total		15,000.00		10,000.00		15,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Collection of Seed Grain Loans—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
ERADICATION OF FOOT-AND-MOUTH AND OTHER CONTAGIOUS DISEASES OF ANIMALS, 1924–1928 (FLORIDA RELIEF)			
Departmental service:			
Salaries—			
Clerical, administrative, and fiscal service—	*Average— No. Salary*	*Average— No. Salary*	*Average— No. Salary*
Grade 9, $3,000 to $3,600; average, $3,300—			
Administrative officer		1 $3,000.00	0.2 $3,000.00
Grade 6, $2,100 to $2,700; average, $2,400—			
Principal clerk			0.5 2,500.00
Grade 4, $1,680 to $2,040; average, $1,860—			
Clerk		0.2 1,860.00	
Grade 3, $1,500 to $1,860; average, $1,680—			
Stenographer		1 1,620.00	
Clerk		0.5 1,500.00	
Grade 2, $1,320 to $1,680; average, $1,500—			
Junior stenographer		0.5 1,380.00	
Junior clerk		0.3 1,320.00	
Total average number of employees		3.5	0.7
Total salaries, departmental service		6,880.00	1,854.20
Field service:			
Salaries and wages—			
Salary range, $1,680 to $2,040; average, $1,860—			
Senior clerk		0.7 1,800.00	0.6 1,800.00
Salary range, $1,320 to $1,680; average, $1,500—			0.4 1,440.00
Total average number of employees		0.7	1
Total salaries and wages, field service		1,260.00	1,685.00
01 Total personal services		8,140.00	3,539.20
02 Stationery and office supplies		100.00	415.63
Communication service:			
0500 Telegraph service		25.00	47.46
0510 Telephone service		10.00	.90
05 Total communication service		35.00	48.36
Travel expenses:			
0615 Transportation		500.00	928.06
0616 Subsistence		400.00	827.00
06 Total travel expenses		900.00	1,755.06
07 Transportation of things (service)			73.18
13 Special and miscellaneous current expenses		25.00	25.25
30 Furniture, furnishings, and fixtures			23.00
50 Seed grain loans			244,255.72
Total		9,200.00	250,135.40

Special Corn-Borer Research—

Not to exceed $150,000 of the $10,000,000 appropriated by the joint resolution making an appropriation for the eradication or control of the European corn borer, approved February 23, 1927, is hereby made available for the fiscal year ending June 30, 1929, to enable the Secretary of Agriculture to conduct special research work, not otherwise provided for, with a view to meeting any situation arising out of the infestation of the European corn borer, independently or in cooperation with agricultural colleges or other agencies, including the employment of persons and means in the city of Washington and elsewhere, and other necessary expenses: Provided, That the expenditures for personal services in the District of Columbia shall not exceed $56,000.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Forest Roads and Trails— For carrying out the provisions of section 23 of the Federal highway act approved November 9, 1921, including not to exceed $47,000 for departmental personal services in the District of Columbia, $6,500,000, which sum is composed of [$4,825,000] *$3,945,000*, part of the sum of $7,500,000 authorized to be appropriated for the fiscal year [1927] *1928* by the act approved [February 12, 1925] *June 22, 1926*, and [$1,675,000] *$2,555,000*, part of the amount authorized to be appropriated for the fiscal year [1928] *1929* by the act approved June 22, 1926: *Provided*, That the Secretary of Agriculture shall, upon the approval of this act, apportion and prorate among the several States, Alaska, and Porto Rico, as provided in section 23 of said Federal highway act, the sum of $7,500,000 authorized to be appropriated for the fiscal year ending June 30, [1928] *1929*, by the act approved June 22, 1926: *Provided further*, That the Secretary of Agriculture may incur obligations, approve projects, or enter into contracts under his apportionment and prorating of this authorization, and his action in so doing shall be deemed a contractual obligation on the part of the Federal Government for the payment of the cost thereof: *Provided further*, That the appropriations heretofore, herein, and hereafter made for the purpose of carrying out the provisions of section 8 of the act of July 11, 1916, and of section 23 of the Federal highway act of November 9, 1921, and acts amendatory thereof and supplemental thereto, shall be considered available for the purpose of discharging the obligations created thereunder in any State or Territory: *Provided further*, That the total expenditures on account of any State or Territory shall at no time exceed its authorized apportionment: *Provided further*, That this appropriation shall be available for the *rental, purchase, or* [the] construction of buildings necessary for the storage of equipment and supplies used for road and trail construction and maintenance, but the total cost of any such building *purchased or* constructed *under this authorization* shall not exceed $1,500 (*U. S. C., p. 668, sec. 23; act Jan. 18, 1927, vol. 44, pp. 1006, 1007*)	$6, 500, 000. 00	$6, 500, 000. 00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
FOREST HIGHWAYS						
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 5, $5,200 to $6,000; average, $5,600—						
Senior engineer (chief of branch)	0. 8	$5, 600	0. 8	$5, 600	0. 7	$5, 400
Grade 4, $3,800 to $5,000; average, $4,400—						
Engineer	0. 3	4, 600	0. 3	4, 600	0. 3	4. 500
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate engineer	0. 6	3, 300	0. 6	3. 300	0. 6	3, 300
Associate highway engineer	2	3, 500	2	3, 500	2	3, 475
Grade 1, $1,860 to $2,400; average, $2,111. 42—						
Junior highway engineer	2	1, 860	2	1, 860	0. 3	2, 100
Subprofessional service—						
Grade 6, $1,860 to $2,400; average, $2,111. 42—						
Senior engineering aid					0. 2	1, 860
Grade 5, $1,680 to $2,040; average, $1,860—						
Engineering draftsman	1	1, 860	1	1, 860	1	1, 800
Draftsman					0. 6	1, 740
Clerical, administrative, and fiscal service—						
Grade 9, $3,000 to $3,600; average, $3,300—						
Senior administrative assistant					0. 4	3, 350
Grade 8, $2,700 to $3,300; average, $3,000—						
Administrative assistant					1	2, 700
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant	1	2, 400	1	2, 400	1	2, 400
Grade 5, $1,860 to $2,400; average, $2,111. 42—						
Senior clerk	2	2, 030	2	2, 030	2	2, 030
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	6. 3	1, 896	6. 3	1, 896	6. 8	1, 906
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant Clerk	1. 3	1, 590	1. 3	1, 590		
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior Clerk	1	1, 560	1	1, 560	1	1, 500
Total average number of employees	18. 3		18. 3		17. 9	
01 Total salaries, departmental service		42, 190. 00		42, 190. 00		42, 698. 94
Deduct expenditures for personal services included in objects named below		42, 190. 00		42, 190. 00		42, 698. 94
Field service:						
Salaries and wages—						
Salary range $5,200 to $6,000; average, $5,600—						
Senior highway engineer	1. 8	5, 756	1. 8	5, 756	1. 4	5, 508
Salary range $3,800 to $5,000; average, $4,400—						
Highway engineer	5. 2	4, 175	5. 2	4, 175	4. 5	4, 306
Highway bridge engineer	1. 5	3, 920	1. 5	3, 920	0. 5	3, 800
District engineer	3. 6	4, 000	3. 6	4, 000	3. 6	3, 972
District fiscal agent	2. 1	4, 000	2. 1	4, 000	2. 1	3, 951
Salary range $3,300 to $3,900; average $3,600—						
Senior investigator	0. 2	3, 300	0. 2	3, 300	0. 2	3, 300
Associate highway engineer	13. 6	3, 215	13. 6	3, 215	14	3, 146
Associate highway bridge engineer	2	3, 150	2	3, 150	0. 9	3, 014
Office engineer	1	3, 000	1	3, 000		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Forest Roads and Trails—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
FOREST HIGHWAYS—continued						
Field service—Continued.						
Salaries and wages—Continued.	*Average—*		*Average—*		*Average—*	
Salary range, $2,700 to $3,300; average, $3,000—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Administrative assistant	1	$2,800	1	$2,800	1	$2,817
Deputy fiscal agent	0.1	2,800	0.1	2,800	0.1	2,800
Salary range, $2,400 to $3,000; average, $2,700—						
Gas shovel engineer					0.2	2,880
Junior administrative assistant	1.9	2,766	1.9	2,766	2.1	2,785
Assistant highway engineer	16.5	2,668	16.5	2,668	18.3	2,645
Assistant administrative officer	0.6	2,400	0.6	2,400	0.6	2,523
Chief of road survey party	12.9	2,513	12.9	2,513	13.3	2,465
Assistant structural engineer	0.5	2,700	0.5	2,700		
Salary range, $2,100 to $2,700; average, $2,400—						
Chief engineering inspector superintendent	11.3	2,616	11.3	2,616	9.5	2,400
Carpenter-foreman					0.2	2,400
Mechanical superintendent			0.7	2,400	0.6	2,400
Principal mechanic	3	2,433	3	2,433	1.2	2,341
Principal clerk	3.2	2,283	3.2	2,283	2.4	2,346
Principal engineering inspector superintendent	5.1	2,183	5.1	2,183	3.3	2,135
Principal engineering draftsman	0.2	2,100	0.2	2,100	0.3	2,100
Principal highway draftsman	0.2	2,100	0.2	2,100	0.1	2,100
Engineer and pilot	1	2,100	1	2,100	1	2,100
Assistant highway bridge engineer	0.5	2,100	0.5	2,100		
Assistant forest supervisor	0.7	2,200	0.7	2,200	0.7	2,214
Shop foreman			1	2,100		
Salary range, $1,860 to $2,400; average, $2,111.42—						
Structural highway draftsman	0.8	2,200	0.8	2,200	0.2	2,400
Paving inspector					0.3	2,400
Senior mechanic	0.9	2,200	0.9	2,200	3.4	2,178
Senior engineering inspector superintendent	1	1,860	1	1,860	0.3	2,177
Foreman	6	2,025	6	2,025	3.8	2,120
Senior clerk	6.2	2,086	6.2	2,086	8.3	2,108
General utilities mechanic	0.4	2,200	0.4	2,200	0.4	2,100
Senior highway draftsman	3.3	2,000	3.3	2,000	2.5	2,051
Transitman for road surveys	6.7	1,891	6.7	1,891	3.7	1,997
Senior machinist			1	1,980	0.7	1,980
Junior highway engineer	9.8	1,972	9.8	1,972	7.1	1,982
Senior engineering inspector foreman	17.9	1,895	17.9	1,895	12.7	1,973
Senior cost clerk	0.4	1,920	0.4	1,920	0.9	1,888
Junior civil engineer	0.5	2,100	0.5	2,100	1.7	1,910
Senior engineering aid					0.2	1,860
Foreman-repairman	0.8	2,100	0.8	2,100	0.4	2,100
Junior highway bridge engineer	0.2	2,300	0.2	2,300		
Senior clerk	0.5	1,860	0.5	1,860	0.5	1,860
Senior transitman	0.1	1,860	0.1	1,860	0.1	1,860
Salary range, $1,680 to $2,040; average, $1,860—						
Mechanic	1.6	1,950	1.6	1,950	1.9	1,963
Automobile mechanic	7.7	2,000	7.7	2,000	5	1,905
Upholsterer	0.9	1,800	0.9	1,800	0.9	1,800
Boat engineer	1	1,800	1	1,800	1	1,800
Machinist	0.9	1,800	0.9	1,800	0.9	1,800
Blacksmith	0.8	1,860	0.8	1,860	0.7	1,800
Clerk	11.3	1,775	11.3	1,775	8.8	1,805
Draftsman	0.8	1,740	0.8	1,740	0.7	1,680
Engineering draftsman	0.5	1,680	0.5	1,680	0.1	1,680
Engineering aid					0.2	1,680
Salary range, $1,500 to $1,860; average, $1,680—						
Cost clerk	2.5	1,620	2.5	1,620	1.7	1,624
Blacksmith helper					0.3	1,680
Transitman for road surveys					3	1,630
Automobile painter	0.8	1,680	0.8	1,680	0.7	1,620
Assistant mechanic	3	1,680	3	1,680	2.5	1,629
Assistant engineering draftsman	1	1,680	1	1,680	0.4	1,574
Road foreman	3.3	1,520	3.3	1,520	3.3	1,506
Assistant clerk	4.9	1,570	4.9	1,570	4.8	1,555
Highway draftsman	3.5	1,836	3.5	1,860	5.4	1,555
Field draftsman	1	1,500	1	1,500	1.8	1,507
Computer					0.3	1,500
Senior stenographer	0.9	1,500	0.9	1,500	0.7	1,500
Automobile mechanic helper	6.5	1,635	6.5	1,635	6.1	1,660
Salary range, $1,320 to $1,680; average, $1,500—						
Junior highway draftsman	0.1	1,560	0.1	1,560	0.8	1,561
Junior mechanic	6.6	1,662	6.6	1,662	3.3	1,544
Junior stenographer	0.7	1,440	0.7	1,440	0.8	1,440
Stenographer and typist					0.2	1,440
Junior clerk	4.9	1,432	4.9	1,432	8	1,416
Unskilled laborer	0.5	1,200	0.5	1,200	0.2	1,350
Senior typist	0.6	1,320	0.6	1,320	1	1,320
Assistant highway draftsman	1	1,500	1	1,500		
Stenographer	1	1,500	1	1,500		
Apprentice mechanic	2.4	1,320	2.4	1,320		
Salary range, $1,140 to $1,500, average $1,320—						
Underclerk	1.2	1,380	1.2	1,380	0.9	1,440
General helper	1	1,380	1	1,380	1.3	1,415
Skilled laborer	1	1,380	1	1,380	0.6	1,320
Junior stenographer					0.2	1,200
Typist					0.4	1,166
Junior typist	1.2	1,320	1.2	1,320		
Salary range, $1,020 to $1,260, average, $1,140—						
Watchman	1	1,200	1	1,200	1.4	1,194

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

Forest Roads and Trails—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
FOREST HIGHWAYS—continued					
Field service—Continued.					
Salaries and wages—Continued.	*Average—*	*Average—*	*Average—*		
Salary range, $900 to $1,140; average, $1,020—	*No.* *Salary*	*No.* *Salary*	*No.* *Salary*		
Assistant messenger	0.3 $900	0.3 $900	0.7 $908		
Salary range, $600 to $780, average $690—					
Junior messenger	1.5 600	1.5 600	2.5 622		
Total average number of employees	223.1	225.8	202.8		
01 Total salaries, field service	499,952.00	506,074.00	447,019.29		
Deduct expenditures for personal services included in objects named below	499,952.00	506,074.00	447,019.29		
The difference between 1929 and 1928 is due to decrease in force, $6,122.					
12 Repairs and alterations	100,000.00	100,000.00	56,162.81		
Structures and parts and nonstructural improvements to land	3,357,858.00	3,851,736.00	4,403,829.07		
Add indirect expenditures deducted from other objects	542,142.00	548,264.00	489,209.29		
32 Total structures and parts and nonstructural improvements to lands	3,900,000.00	4,400,000.00	4,893,038.36		
Total	4,000,000.00	4,500,000.00	4,949,201.17		
FOREST ROAD DEVELOPMENT					
Departmental service:					
Salaries—					
Professional and scientific service—	*Average—*	*Average—*	*Average—*		
Grade 4, $3,800 to $5,000; average, $4,400—	*No.* *Salary*	*No.* *Salary*	*No.* *Salary*		
Engineer	0.4 $4,600	0.4 $4,600	0.3 $4,500		
Clerical, administrative, and fiscal service—					
Grade 10, $3,300 to $3,900; average, $3,600—					
Junior administrative officer	0.9 3,300	0.9 3,300	0.2 3,300		
Grade 9, $3,000 to $3,600; average, $3,300—					
Senior administrative assistant			0.9 3,322		
Total average number of employees	1.3	1.3	1.4		
01 Total salaries, departmental service	4,810	4,810	5,000		
Deduct expenditures for personal services included in objects named below	4,810	4,810	5,000		
Field service:					
Salaries and wages—					
Salary range, $3,800 to $5,000; average, $4,400—					
Highway bridge engineer	0.1 3,800	0.1 3,800	0.1 3,800		
District fiscal agent	1.2 3,840	1.2 3,840	1.2 3,820		
Associate district forester	0.4 4,000	0.4 4,000	0.4 3,900		
Salary range, $3,300 to $3,900; average, $3,600—					
District forest inspector	4.3 3,500	4.3 3,500	4.3 3,491		
Junior administrative officer	1 3,300	1 3,300	1 3,300		
Salary range, $3,000 to $3,600; average, $3,300—					
Associate highway engineer			0.2 3,066		
Associate highway bridge engineer			0.3 3,057		
District fiscal agent	0.1 4,000	0.1 4,000	0.1 3,900		
Senior administrative assistant	0.7 3,100	0.7 3,100	0.7 3,025		
Assistant district engineer	1 3,000	1 3,000	1 3,000		
Associate district forest inspector	0.5 3,200	0.5 3,200	0.5 3,200		
Salary range, $2,700 to $3,300; average, $3,000—					
Administrative assistant	1.1 2,710	1.1 2,710	1.1 2,712		
Deputy fiscal agent	1.8 2,780	1.8 2,780	1.8 2,766		
Salary range, $2,400 to $3,000; average, $2,700—					
Assistant highway engineer	0.8 2,700	0.8 2,700	0.8 2,694		
Chief of road survey party	0.5 2,600	0.5 2,600	0.5 2,638		
Chief engineering inspector superintendent			0.7 2,400		
Deputy fiscal agent	1.6 2,500	1.6 2,500	1.6 2,417		
Chief surveyor	7.4 2,560	7.4 2,560	7.4 2,548		
Assistant engineer	0.5 2,800	0.5 2,800	0.5 2,786		
Assistant forest supervisor	4.3 2,450	4.3 2,450	4.3 2,437		
Assistant district forest inspector	1 2,600	1 2,600	1 2,600		
Superintendent of road construction	10.9 2,500	10.9 2,500	10.9 2,486		
Chief of road survey party	0.5 2,600	0.5 2,600	0.5 2,566		
Junior administrative assistant	0.2 2,500	0.2 2,500	0.2 2,500		
Assistant forester	0.8 2,600	0.8 2,600	0.8 2,604		
Chief lumberman	0.8 2,500	0.8 2,500	0.8 2,504		
Salary range, $2,100 to $2,700; average, $2,400—					
Principal engineering inspector superintendent	0.4 2,200	0.4 2,200	0.4 2,100		
Principal engineering draftsman	0.1 2,100	0.1 2,100	0.1 2,100		
Mechanical superintendent		0.1 2,400	0.1 2,400		
Principal clerk	2.3 2,350	2.3 2,350	2.3 2,348		
Assistant forest supervisor	0.7 2,200	0.7 2,200	0.7 2,203		
Superintendent of road construction	4.6 2,200	4.6 2,200	4.6 2,191		
Principal surveyor draftsman	0.4 2,500	0.4 2,500	0.4 2,520		
Road foreman	0.5 2,500	0.5 2,500	0.5 2,446		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Forest Roads and Trails—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
FOREST ROAD DEVELOPMENT—continued						
Field service—Continued.						
Salaries and wages—Continued.	*Average—*		*Average—*		*Average—*	
Salary range, $1,800 to $2,400; average, $2,111.42—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Junior highway engineer	0.1	$2,000	0.1	$2,000	0.1	$1,941
Senior highway draftsman	0.4	2,100	0.4	2,100	0.4	2,075
Senior clerk	0.1	2,100	0.1	2,100	0.1	2,083
Senior engineering inspector foreman	2.5	1,895	2.5	1,895	2.5	1,860
Senior mechanic	0.1	2,100	0.1	2,100	0.1	2,100
Senior forest ranger	2.9	2,069	2.9	2,069	2.9	2,064
Senior clerk	2.2	2,100	2.2	2,100	2.2	2,094
Junior forester	0.9	1,920	0.9	1,920	0.9	1,883
Senior warehouse foreman	0.5	2,000	0.5	2,000	0.5	2,000
Senior transit man	0.4	1,920	0.4	1,920	0.4	1,897
Salary range, $1,680 to $2,040; average, $1,860—						
Mechanic	0.1	1,950	0.1	1,950	0.1	1,935
Automobile mechanic	0.3	2,000	0.3	2,000	0.3	1,920
Field draftsman	0.1	1,860	0.1	1,860	0.1	1,860
Transmit man for road surveys					0.5	1,737
Highway draftsman	0.3	1,680	0.3	1,680	0.3	1,680
Clerk	3.9	1,710	3.9	1,710	3.9	1,696
Forest ranger	1.7	2,000	1.7	2,000	1.7	2,016
Road foreman	2	1,830	2	1,830	2	1,820
Warehouse foreman	0.6	1,680	0.6	1,680	0.6	1,680
Salary range, $1,500 to $1,860; average $1,680—						
Assistant warehouse foreman	0.8	1,500	0.8	1,500	0.8	1,500
Assistant clerk	2.3	1,500	2.3	1,500	2.3	1,505
Assistant forest ranger	1.4	1,600	1.4	1,600	1.4	1,595
Road foreman	2.8	1,680	2.8	1,680	2.8	1,651
Salary range, $1,320 to $1,680; average, $1,500—						
Mechanic helper					0.1	1,320
Junior clerk	1.8	1,440	1.8	1,440	1.8	1,403
Salary range, $1,140 to $1,500; average, $1,320—						
Underclerk	0.5	1,140	0.5	1,140	0.5	1,140
Watchman	1	1,260	1	1,260	1	1,260
Unskilled laborer	1.7	1,200	1.7	1,200	1.7	1,181
Total average number of employees	81		81.1		83.7	
01 Total salaries, field service		189,157		189,397		192,684.57
Deduct expenditures for personal services included in objects named below		189,157		189,397		192,684.57
12 Repairs and alterations		630,000		630,000		730,079.70
Structures and parts and nonstructural improvements to land		1,680,843		2,180,603		2,604,170.30
Add indirect expenditures deducted from other objects		189,157		189,397		197,684.57
32 Total structures and parts and nonstructural improvements to land		1,870,000		2,370,000		2,801,854.87
Total		2,500,000		3,000,000		3,531,934.57
(COOPERATIVE CONSTRUCTION OF ROADS AND TRAILS, NATIONAL FORESTS)						
Field Service:						
Salaries and wages—						
Salary range, $5,200 to $6,000; average, $5,600—						
Senior highway engineer					0.8	5,900
Salary range, $3,800 to $5,000; average, $4,400—						
Highway bridge engineer					0.3	4,156
Engineer					2.2	4,024
Salary range, $3,600 to $3,600; average, $3,300—						
Associate highway bridge engineer					0.2	3,280
Associate highway engineer					0.5	3,150
Senior investigator					0.3	3,300
Salary range, $2,400 to $3,000; average, $2,700—						
Assistant highway engineer					0.3	2,530
Assistant engineer					1.5	2,700
Chief of road survey party					1.5	2,425
Junior administrative assistant					0.4	2,375
Salary range, $2,100 to $2,700; average, $2,400—						
Principal highway draftsman					0.2	2,100
Chief engineering inspector superintendent					0.2	2,190
Chief engineering inspector foreman					0.1	2,400
Principal clerk					0.1	2,300
Superintendent of road construction					0.1	2,700
Salary range, $1,860 to $2,400; average, $2,111.42—						
Junior civil engineer					0.2	1,860
Junior highway engineer					0.6	1,924
Senior highway draftsman					0.1	1,965
Senior mechanic					0.1	2,100
Senior engineering inspector foreman					1.3	1,890

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Forest Roads and Trails—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
(COOPERATIVE CONSTRUCTION OF ROADS AND TRAILS, NATIONAL FORESTS)—continued			
Field service—Continued.			
Salaries and wages—Continued.	*Average—*	*Average—*	*Average—*
	No. *Salary*	*No.* *Salary*	*No.* *Salary*
Salary range, $1,680 to $2,040; average, $1,860—			
Clerk			0.5 $1,860
Highway draftsman			0.7 1,878
Transit man for road surveys			0.4 1,800
Road foreman			0.5 1,822
Salary range, $1,500 to $1,860; average, $1,680—			
Assistant engineering draftsman			0.1 1,500
Assistant mechanic			0.1 1,620
Assistant clerk			0.6 1,680
Salary range, $1,320 to $1,680; average, $1,500—			
Automobile mechanic helper			0.1 1,320
Junior blue printer			0.5 1,500
Salary range, $1,140 to $1,500; average, $1,320—			
Underclerk			0.6 1,158
Watchman			0.1 1,200
Total average number of employees			15.2
Total salaries, Field Service			40,419.10
Deduct expenditures for personal services included in objects named below			40,419.10
32 Structures and parts and nonstructural improvements to land		$638,488.74	494,685.84
Add indirect expenditures deducted from other objects			40,919.10
32 Total structures and parts and nonstructural improvements to lands		638,488.74	535,604.94
Total		638,488.74	535,604.94
FEDERAL FOREST ROAD CONSTRUCTION			
Departmental service:			
Salaries—			
Subprofessional service—			
Grade 5, $1,680 to $2,040; average, $1,860—			
Draftsman			0.2 1,740
Clerical, administrative, and fiscal service—			
Grade 5, $1,860 to $2,400; average, $2,111.42—			
Senior photographer			0.2 2,035
Total average number of employees			0.4
01 Total salaries, departmental service			755
Deduct expenditures for personal services included in objects named below			755
Field service:			
Salaries and wages—			
Salary range, $2,400 to $3,000; average, $2,700—			
Assistant highway engineer			0.1 2,800
Salary range, $2,100 to $2,700; average, $2,400—			
Chief of road survey party			0.2 2,300
Salary range, $1,860 to $2,400; average, $2,111.42—			
Senior engineering inspector foreman			0.6 1,860
Highway draftsman			0.1 1,920
Salary range, $1,500 to $1,860; average, $1,680—			
Assistant engineering draftsman			0.1 1,500
Total average number of employees			1.1
01 Total salaries and wages, field service			2,085.66
Deduct expenditures for personal services included in objects named below			2,085.66
Structures and parts and nonstructural improvements to land		44,388.00	75,419.53
Add indirect expenditures deducted from other objects			2,840.66
32 Total structures and parts and nonstructural improvements to land		44,388.00	78,260.19
Total		44,388.00	78,260.19

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Federal Aid Highway System—		
For carrying out the provisions of the act entitled "An act to provide that the United States shall aid the States in the construction of rural post roads, and for other purposes," approved July 11, 1916, and all acts amendatory thereof and supplementary thereto, to be expended in accordance with the provisions of said act as amended, including not to exceed $420,000 for departmental personal services in the District of Columbia, $71,000,000 to remain available until expended, which sum is composed of [$23,800,000] *$27,800,000*, the remainder of the sum of $75,000,000 authorized to be appropriated for the fiscal year ending June 30, [1926] *1927, by paragraph 1 of the act approved February 12, 1925*, and [$47,200,000] *$43,200,000*, part of the sum of $75,000,000 authorized to be appropriated for the fiscal year ending June 30, [1927] *1928*, by paragraph 1 of the act approved [February 12, 1925] *June 22, 1926* (*U. S. C., pp. 665–668, secs. 1–22, 41–53; act Jan. 18, 1927, vol. 44, p. 1007*)	$71,000,000.00	$71,000,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 5, $5,200 to $6,000; average, $5,600—						
Senior agricultural transportation economist					0.2	$5,800
Senior highway engineer	6	$5,667	6	$5,667	4.5	5,681
Consulting highway engineer	1	5,600	1	5,600	1	5,600
Senior highway economist					0.7	5,600
Senior structural engineer	1	5,600	1	5,600	1	5,500
Senior highway bridge engineer	1	5,200	1	5,200	1	5,200
Grade 4, $3,800 to $5,000; average, $4,400—						
Highway engineer	6	4,367	6	4,367	6.5	4,333
Highway economist	1	4,400	1	4,400	1.7	4,239
Chemical engineer					0.6	4,000
Highway research specialist	0.9	4,000	0.9	4,000	0.9	4,000
Engineer of tests	3	4,133	3	4,133	3	4,000
Structural engineer	1	3,800	1	3,800	0.1	3,800
Highway bridge engineer	1	4,600	1	4,600	1	4,600
Grade 3, $3,000 to $3,600, average, $3,300—						
Associate computer	1	3,400	1	3,400	1	3,300
Associate statistical engineer	1	3,300	1	3,300	1	3,300
Associate highway economist	1	3,000	1	3,000	0.8	3,347
Associate highway engineer	13	3,277	13	3,277	11.4	3,248
Associate chemist					0.6	3,200
Associate petrographer					0.6	3,200
Associate highway-bridge engineer	3	3,200	3	3,200	3.1	3,111
Associate cartographer	1	3,000	1	3,000	1	3,000
Grade 2, $2,400 to $3,000, average, $2,700—						
Assistant chemist					0.6	2,600
Assistant librarian	1	2,700	1	2,700	1	2,550
Assistant highway economist	1	2,500	1	2,500	1.7	2,513
Assistant highway engineer	6	2,434	6	2,434	5.3	2,500
Grade 1, $1,860 to $2,400; average, 2,111.42—						
Junior highway economist					0.3	2,200
Junior chemist					0.6	2,100
Junior materials engineer	1	2,200	1	2,200	1	2,050
Junior highway engineer	9	1,889	9	1,889	5.8	1,972
Junior librarian	1	2,000	1	2,000	1	1,930
Subprofessional service—						
Grade 8, $2,400 to $3,000; average, $2,700—						
Chief model maker	1	2,700	1	2,700	1	2,700
Chief draftsman	1	2,700	1	2,700	1	2,700
Grade 7, $2,100 to $2,700; average, $2,400—						
Principal laboratory mechanic	1	2,500	1	2,500	1	2,400
Principal model maker					0.7	2,400
Grade 6, $1,860 to $2,400; average, $2,111.42—						
Senior draftsman	1	2,100	1	2,100	1	2,100
Senior highway draftsman	4	2,115	4	2,115	4	2,040
Senior engineering aid	1	2,200	1	2,200	1.7	2,063
Senior engineering draftsman	0.9	1,860	0.9	1,860	1	1,920
Cement tester					0.3	1,860
Chief illustrator	1	2,400	1	2,400		
Grade 5, $1,680 to $2,040; average, $1,860—						
Scientific aid					0.5	1,680
Mechanic					0.8	2,040
Highway draftsman					0.9	1,860
Cement tester					0.3	1,860
Engineering draftsman	1	1,860	1	1,860	1.5	1,700
Grade 4, $1,500 to $1,860; average, $1,680—						
Assistant scientific aid	3.9	1,620	3.9	1,620	2.4	1,672
Assistant engineering draftsman	3	1,500	3	1,500	1.7	1,500
Junior library assistant	1	1,500	1	1,500	0.5	1,500
Grade 3, $1,320 to $1,680; average, $1,500—						
Junior mechanic	1	1,680	1	1,680	1	1,680
Junior draftsman	1	1,500	1	1,500	1.9	1,484
Underlibrarian assistant					0.5	1,355
Grade 2, $1,140 to $1,500; average, $1,320—						
Under scientific helper	1	1,380	1	1,380	1	1,320
Grade 1, $900 to $1,200; average, $1,080—						
Minor scientific helper	2	990	2	990	2.1	1,068

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Federal Aid Highway System—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service—Continued.						
Salaries—Continued.						
Clerical, administrative, and fiscal service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 12, $5,200 to $6,000; average, $5,600—						
Senior administrative officer	1	$5,600	1	$5,600	1	$5,367
Grade 11, $3,800 to $5,000; average, $4,400						
Administrative officer	2	4,100	2	4,100	1	4,300
Grade 9, $3,000 to $3,600; average, $3,300						
Chief translator photographer					0.2	3,000
Senior administrative assistant	1	3,600	1	3,600	1	3,300
Grade 8, $2,700 to $3,300; average, $3,000—						
Administrative assistant	1	2,700	1	2,700		
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant	3	2,467	3	2,467	1	2,400
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal photographer	1	2,700	1	2,700	1	2,600
Principal clerk	5	2,160	5	2,160	2.3	2,229
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	8	2,120	8	2,120	4	2,175
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	12.2	1,805	12.2	1,805	9.4	1,797
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	24.9	1,653	24.9	1,653	22.6	1,656
Senior operator	2	1,710	2	1,710	1	1,860
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	19	1,462	19	1,462	22.2	1,465
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	7	1,260	7	1,260	9.8	1,258
Custodial service:						
Grade 4, $1,140 to $1,500; average, $1,320—						
Laborer	1	1,440	1	1,440	0.9	1,410
Grade 3, $1,020 to $1,260; average, $1,140—						
Senior laborer					1	1,140
Minor mechanic fireman					1	1,140
Minor laborer					1	1,050
Messenger					1.5	1,020
Grade 2, $900 to $1,140; average, $1,020—						
Office laborer					6	1,050
Office laborer (charwoman)					14.6	472
Assistant messenger					1	900
Grade 1, $600 to $780; average, $690—						
Junior messenger	1	720	1	720	3.4	635
Total average number of employees	174.8		174.8		192.7	
Total salaries, departmental service		420,000.00		420,000.00		411,168.30
Field service:						
Salaries and wages—						
Salary range, $5,200 to $6,000; average, $5,600—						
Senior highway engineer	12.1	5,618	12.1	5,618	11.8	5,501
Senior agricultural transportation economist	0.2	5,800	0.2	5,800		
Salary range, $3,800 to $5,000; average, $4,400—						
Special analyst	0.1	4,600	0.1	4,600	0.3	4,337
Drainage engineer	1	4,000	1	4,000	1	4,000
Highway research specialist	0.3	4,500	0.3	4,500	0.3	3,970
Highway bridge engineer	8.4	4,020	8.4	4,020	9.5	3,965
Highway engineer	53.8	4,152	53.8	4,152	51.8	3,955
Salary range, $3,000 to $3,600; average, $3,300—						
War materials supervisor			0.5	3,600	1.4	3,512
Associate engineer of tests	1.8	3,250	1.8	3,250	0.8	3,400
Senior investigator	0.8	3,300	0.8	3,300	0.6	3,300
Associate petrographer	1	3,200	1	3,200	0.4	3,200
Associate highway bridge engineer	8	3,200	8	3,200	6.2	3,145
Associate highway engineer	91.1	3,150	91.1	3,150	86.1	3,125
Associate chemist	2	3,100	2	3,100	0.7	3,125
Associate civil engineer	3	3,200	3	3,200	3	3,117
Associate highway economist	1	3,200	1	3,200	1	3,050
Associate explosive technician			3	3,300	4	3,075
Salary range, $2,400 to $3,000; average, $2,700—						
Assistant engineer of tests	2	2,800	2	2,800	3.6	2,784
Highway engineering assistant					0.1	2,700
Assistant highway engineer	22.2	2,830	22.2	2,830	21.9	2,677
Assistant chemist					0.2	2,600
Agent	1	2,400	1	2,400	1.3	2,520
Assistant materials engineer	1.9	2,450	1.9	2,450	1.9	2,400
Assistant mechanical engineer	0.8	2,500	0.8	2,500	0.7	2,400
Chief of road survey party	4.5	2,480	4.5	2,830	4	2,492
Junior administrative assistant	1.1	2,650	1.1	2,650	0.8	2,538
Assistant administrative officer	0.4	2,400	0.4	2,400	1.2	2,431
Junior explosive technician			0.5	2,400		
Salary range, $2,100 to $2,700; average, $2,400—						
Principal mechanic					0.2	2,500
Principal instrument maker	1	2,400	1	2,400	0.2	2,400
Chief engineering inspector superintendent	7.4	2,430	7.4	2,430	1.1	2,400
Chief engineering inspector foreman					1	2,400
Mechanical superintendent					0.1	2,400
Principal laboratory mechanic	0.7	2,400	0.7	2,400	0.8	2,300
Principal clerk	2.8	2,280	2.8	2,280	1.5	2,259
Principal engineering inspector foreman					0.5	2,100
Highway research specialist					0.2	2,100
Principal highway draftsman	0.8	2,100	0.8	2,100	0.6	2,100
Principal engineering draftsman	0.7	2,100	0.7	2,100	0.6	2,100
Principal engineering inspector superintendent	0.5	2,100	0.5	2,100		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Federal Aid Highway System—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service—Continued.						
Salaries and wages—Continued.	*Average—*		*Average—*		*Average—*	
Salary range, $1,860 to $2,400; average, $2,111.42—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Stenographer	0.3	$2,300	0.3	$2,300	0.2	$2,300
Junior highway bridge engineer	0.8	2,300	0.8	2,300	1	2,200
Plant inspector					0.2	2,200
Paving inspector					0.2	2,200
Senior highway draftsman	2.3	2,035	2.3	2,035	1.8	2,109
Senior laboratory mechanic	0.6	2,100	0.6	2,100	0.6	2,100
Foreman					0.2	2,100
Foreman repairman					0.1	2,100
General utilities mechanic					0.1	2,100
Senior mechanic	1	2,100	1	2,100	0.5	2,086
Senior clerk	10.5	2,100	10.5	2,100	10.8	2,074
Senior machinist					0.1	1,980
Senior draftsman	0.9	1,860	0.9	1,860	0.6	1,955
Junior highway engineer	20.7	1,913	20.7	1,913	9.7	1,951
Senior scientific aid	2.9	1,980	2.9	1,980	3	1,947
Junior structural engineer					0.2	1,920
Junior civil engineer	2	1,860	2	1,860	1.3	1,952
Senior cost clerk	0.6	1,920	0.6	1,920	0.1	1,902
Senior mechanical draftsman	0.7	1,860	0.7	1,860	0.2	1,860
Senior engineering aid	1	1,860	1	1,860	0.1	1,860
Transitman for road surveys	3.5	1,871	3.5	1,871	2.8	1,905
Senior engineering inspector foreman	9.6	1,884	9.6	1,884	5.4	1,860
Cement tester	1	1,920	1	1,920	0.4	1,860
Highway research specialist	0.2	2,000	0.2	2,000		
Senior engineering draftsman	1	1,920	1	1,920		
Structural draftsman	0.2	2,200	0.2	2,200		
Salary range, $1,680 to $2,040; average, $1,860—						
Plant foreman			0.5	1,980	1	1,920
Clerk	10.7	1,850	10.7	1,850	9.3	1,850
Mechanic	2.4	1,880	2.4	1,880	2.9	1,859
Maintenance man	0.5	1,800	0.5	1,800	0.8	1,800
Blacksmith					0.1	1,800
Automobile mechanic					2.7	1,766
Special engineer	1	1,750	1	1,750	1	1,750
Scientific aid	1	1,800	1	1,800	1	1,740
Highway draftsman	1	1,800	1	1,800	2	1,735
Engineering aid	2	1,710	2	1,710	0.7	1,680
Draftsman	0.1	1,740	0.1	1,740	0.2	1,680
Engineering draftsman	1.5	1,720	1.5	1,720	1.1	1,680
Salary range, $1,500 to $1,860; average, $1,680—						
Assistant draftsman					0.4	1,680
Assistant engineering draftsman	1	1,500	1	1,500	0.5	1,510
Assistant mechanic					0.3	1,620
Automobile painter					0.1	1,620
Assistant clerk	15.5	1,630	15.5	1,630	14.8	1,649
Powderman					0.8	1,620
Chief guard					0.5	1,620
Stenographer and typist	0.5	1,580	0.5	1,580	0.9	1,580
Assistant scientific aid	2	1,620	2	1,620	3.1	1,562
Highway draftsman					0.5	1,536
Engineering student	6.6	1,500	6.6	1,500	3.2	1,500
Senior stenographer	1.1	1,530	1.1	1,530	0.5	1,500
General automobile mechanic	0.5	1,560	0.5	1,560		
Salary range, $1,320 to $1,680; average, $1,500—						
Junior highway draftsman	0.9	1,560	0.9	1,560	0.2	1,560
Junior mechanic	2	1,560	2	1,560	2.9	1,534
Junior draftsman	1	1,500	1	1,500	0.1	1,500
Junior clerk	22.5	1,446	22.5	1,446	25.2	1,410
Junior typist	5.2	1,305	5.2	1,305	3.5	1,396
Junior stenographer	5.3	1,320	5.3	1,320	3.2	1,360
Junior laboratory mechanic	0.9	1,320	0.9	1,320	0.6	1,320
Field draftsman	0.5	1,500	0.5	1,500		
Senior typist	0.4	1,320	0.4	1,320		
Salary range, $1,140 to $1,500; average, $1,320—						
General helper					0.1	1,380
Automobile mechanic helper	0.1	1,380	0.1	1,380	0.1	1,320
Guard			1.5	1,280	3.5	1,234
Agent student aid					0.2	1,200
Underclerk	2.8	1,220	2.8	1,220	4.1	1,194
Under scientific helper	1	1,140	1	1,140	0.5	1,140
Skilled laborer					0.4	1,320
Salary range, $1,020 to $1,260; average, $1,140—						
Minor scientific helper	2.9	1,200	2.9	1,200	2.4	1,189
Watchman					0.7	1,200
Salary range, $900 to $1,140; average, $1,020—						
Junior laborer	0.8	1,020	0.8	1,020	0.8	1,020
Assistant messenger	1.7	900	1.7	900	0.9	900
Salary range, $600 to $780; average, $690—						
Junior messenger	0.5	600	0.5	600	0.4	647
Total average number of regular employees	388.1		304.1		359.2	
Total salaries, regular employees		1,047,760.00		1,063,598.00		977,928.38
Wages	208.3	250,000.00	208.3	250,000.00	155.5	186,654.98
Total average number of employees	596.4		602.4		514.7	
Total salaries and wages, field service		1,297,760.00		1,313,598.00		1,164,583.36
The difference between 1929 and 1928 is due to decrease in force, $15,838.						
Deduct allowance value of quarters furnished				120.00		334.16
Cash payment, salaries and wages		1,297,760.00		1,313,478.00		1,164,249.20
01 Total personal services		1,717,760.00		1,733,478.00		1,575,417.50

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Federal Aid Highway System—Continued.					
Supplies and materials:					
0200 Stationery and office supplies	$20,000.00	$20,000.00	$19,520.89		
0220 Scientific and educational supplies	23,000.00	23,000.00	22,506.91		
0230 Fuel	3,500.00	3,500.00	3,402.72		
0250 Forage and other supplies for animals	150.00	150.00	147.40		
0280 Sundry supplies	30,000.00	30,000.00	29,945.21		
02 Total supplies	76,650.00	76,650.00	75,523.13		
04 Subsistence and care of animals and storage and care of vehicles	52,000.00	52,000.00	51,583.84		
Communication service:					
0500 Telegraph service	4,000.00	4,000.00	3,734.60		
0510 Telephone service	9,000.00	9,000.00	8,742.87		
0520 Other communication service	800.00	800.00	700.19		
05 Total communication service	13,800.00	13,800.00	13,177.66		
Travel expense:					
0615 Transportation	120,000.00	120,000.00	117,586.08		
0616 Subsistence	125,000.00	125,000.00	122,547.23		
06 Total travel expense	245,000.00	245,000.00	240,133.31		
07 Transportation of things (service)	15,000.00	15,000.00	13,565.17		
Printing and binding:					
0800 Printing and binding	5,000.00	5,000.00	4,888.37		
0820 Stenographic and typewriting	550.00	550.00	534.07		
0830 Photographing and making photographs and prints	5,500.00	5,500.00	5,323.24		
08 Total printing and binding	11,050.00	11,050.00	10,745.68		
09 Advertising and publication of notices (service)	100.00	100.00	72.34		
10 Furnishing of heat, light, power, water, and electricity (service)	5,000.00	5,000.00	4,856.30		
Rents:					
1100 Rent of buildings and structures	39,000.00	39,000.00	38,023.02		
1110 Other rents	13,000.00	13,000.00	12,757.88		
11 Total rents	52,000.00	52,000.00	50,780.90		
13 Special and miscellaneous current expenses	3,300.00	3,300.00	3,214.93		
22 Grants to States	69,094,140.00	67,141,522.00	81,371,013.03		
Equipment:					
3000 Passenger-carrying vehicles	33,500.00	33,500.00	33,103.05		
3010 Furniture, furnishings, and fixtures	12,500.00	12,500.00	12,450.94		
3020 Educational, scientific, and recreational equipment	200.00	200.00	200.88		
3050 Other equipment	8,000.00	8,000.00	7,732.66		
30 Total equipment	54,200.00	54,200.00	53,487.53		
	71,340,000.00	69,403,100.00	83,463,571.32		
Deduct amounts received from the following sources:					
Reshipment of surplus war materials to States	20,000.00	84,000.00	235,376.61		
Miscellaneous			1,841.76		
Department of the Interior (National Park Service)			153,494.42		
Department of the Interior (road and trails, national parks)	320,000.00	319,100.00	95,292.58		
Total amount received	340,000.00	403,100.00	486,005.37		
Net total	71,000,000.00	69,000,000.00	82,977,565.95		
Total, salaries and expenses, Department of Agriculture				$54,242,729.00	$51,011,739.00
Permanent and indefinite appropriations, and special funds				11,010,500.00	11,351,250.00
Road items				77,500,000.00	77,500,000.00
Total, Department of Agriculture				142,753,229.00	139,862,989.00

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
CHAPTER IV.—DEPARTMENT OF COMMERCE		
OFFICE OF THE SECRETARY		
Salaries, Office of the Secretary— Salaries: Secretary of Commerce, $15,000; Assistant Secretary, and other personal services in the District of Columbia in accordance with the classification act of 1923, including the chief clerk and superintendent, who shall be chief executive officer of the department and who may be designated by the Secretary of Commerce to sign official papers and documents during the temporary absence of the Secretary and the Assistant Secretary of the department, $270,600; in all, $285,600: *Provided*, That in expending appropriations or portions of appropriations contained in this act for the payment for personal services in the District of Columbia, in accordance with the classification act of 1923, the average of the salaries of the total number of persons under any grade in any bureau, office, or other appropriation unit shall not at any time exceed the average of the compensation rates specified for the grade by such act, and in grades in which only one position is allocated the salary of such position shall not exceed the average of the compensation rates for the grade except that in unusually meritorious cases of one position in a grade advances may be made to rates higher than the average of the compensation rates of the grade, but not more often than once in any fiscal year, and then only to the next higher rate: *Provided*, That this restriction shall not apply (1) to grades 1, 2, 3, and 4 of the clerical-mechanical service, or (2) to require the reduction in salary of any person whose compensation was fixed as of July 1, 1924, in accordance with the rules of section 6 of such act, (3) to require the reduction in salary of any person who is transferred from one position to another position in the same or different grade in the same or a different bureau, office, or other appropriation unit, or (4) to prevent the payment of a salary under any grade at a rate higher than the maximum rate of the grade when such higher rate is permitted by the classification act of 1923 and is specifically authorized by other law (*U. S. C., p. 60, sec. 591; act Feb. 24, 1927, vol. 44, p. 1199*)	$285,600.00	$285,600.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—	*Average*—		*Average*—		*Average*—	
Clerical, administrative, and fiscal service—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Secretary	1	$15,000	1	$15,000	1	$15,000
Grade 14, $7,500 and over—						
Special executive officer (Assistant Secretary)	1	7,500	1	7,500	1	7,500
Grade 13, $6,000 to $7,500; average, $6,750—						
Executive officer (administrative assistant)	1	7,500	1	7,500	1	7,000
Grade 12, $5,200 to $6,000; average, $5,600—						
Senior administrative officer—						
Assistant to the Secretary	1.7	5,200	2.1	5,200	1.3	5,360
Chief clerk and superintendent	1	5,800	1	5,800	1	5,600
Grade 11, $3,800 to $5,000; average, $4,400—						
Administrative officer (assistant to the Secretary)	2	4,100	0.5	4,400	1.3	4,137
			0.5	3,800		
Disbursing clerk	1	4,600	1	4,600	1	4,600
Grade 10, $3,300 to $3,900; average, $3,600—						
Junior administrative officer (chief of division)	2	3,600	2	3,600	2	3,600
Grade 9, $3,000 to $3,600; average, $3,300—						
Senior administrative assistant (private secretary to the Secretary)	0.7	3,000	0.6	3,000		
Assistant to the Secretary	1	3,200	1	3,200		
Chief, Division of Supplies	1	3,500	1	3,500	1	3,400
Assistant chief, Division of Publications	1	3,100	1	3,100		
Grade 8, $2,700 to $3,300; average, $3,000—						
Administrative assistant—						
Assistant chief clerk	1	3,100	1	3,100	1	3,000
Assistant chief of division	1	3,100	1	3,100	2	3,000
Deputy disbursing clerk	1	3,000	1	3,000	1	3,000
Assistant investigator	1	2,900	1	2,900		
Assistant to the Secretary					0.3	2,900

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries, Office of the Secretary—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average— No.	Salary	Average— No.	Salary	Average— No.	Salary
Departmental service—Continued.						
Salaries—Continued.						
Clerical, administrative, and fiscal service—Con.						
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant—						
Private secretary to the Assistant Secretary	1	$3,000	1	$3,000	1	$3,000
Traffic clerk	1	2,700	1	2,700		
Assistant chief of division	1	2,500	1	2,500	0.1	3,000
Assistant business specialist					0.1	2,400
Assistant investigator					1	2,700
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	6	2,367	5.3	2,200	4.5	2,359
Stenographer	2	2,500	2	2,500	2	2,400
Secretary to the Assistant Secretary	1	2,300	1	2,300		
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	8	2,100	7.1	2,100	7.5	2,072
Stenographer	3	1,973	3	1,973	2.5	2,032
Land grant rate clerk	1	2,400	1	2,400		
Secretary to the assistant to the Secretary					1	2,200
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	0.8	1,823	7.7	1,827	11.3	1,859
Stenographer	0.3	1,860	3	1,860	0.1	1,980
Accounting and auditing assistant	2	1,920	2	1,920	2	1,890
Grade 3, $1,500 to $1,860; average, $1,680—						
Clerk	20	1,632	19.1	1,633	14.6	1,632
Stenographer	6.7	1,671	5.5	1,733	7.1	1,623
Chief operator, telephone	1	1,860	1	1,860	1	1,800
Telegrapher	1	1,560	1	1,560	0.9	1,560
Grade 2, $1,320 to $1,680; average, $1,500—						
Clerk	16	1,402	15	1,408	13.3	1,418
Stenographer	2.1	1,431	2.1	1,435	1.4	1,414
Grade 1, $1,140 to $1,500; average, $1,320—						
Clerk	7.8	1,263	7.5	1,351	8.9	1,216
Telephone operator	3	1,240	2.7	1,249	3	1,223
Professional and scientific service—						
Grade 5, $5,200 to $6,000; average, $5,600—						
Special agent	1	5,200	1	5,200		
Senior economic analyst					0.1	5,600
Grade 3, $3,000 to $3,600; average, $3,300—						
Librarian	1	3,100	1	3,100	1	3,100
Clerk	1	3,300	1	3,300		
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant librarian	1	2,500	1	2,500	1	2,500
Grade 1, $1,860 to $2,400; average, $2,111.42—						
Assistant librarian	1	1,860	1	1,860	1	1,860
Subprofessional service—						
Grade 4, $1,500 to $1,860; average, $1,680—						
Junior library assistant	1	1,740	1	1,740	1	1,740
Grade 3, $1,320 to $1,680; average, $1,500—						
Under library assistant	2	1,500	1.6	1,500	1.3	1,440
Grade 2, $1,140 to $1,500; average, $1,320—						
Minor library assistant	1	1,440	1	1,440	1.1	1,431
Custodial service—						
Grade 4, $1,140 to $1,500; average, $1,320—						
Under mechanic (chauffeur to Secretary)	1	1,500	1	1,500	1	1,440
Foreman of garage and truck chauffeur					0.9	1,200
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger	4	1,125	3.1	1,153	3.7	1,111
Packer	2	1,170	2	1,170	2	1,163
Laborer	1	1,020	1	1,020	1	1,020
Chauffeur	6	1,150	5.5	1,145	5.3	1,106
Grade 2, $900 to $1,140; average, $1,020—						
Assistant messenger	4	930	3.6	933	4.3	932
Laborer	1	900	1	900	0.1	900
Grade 1, $600 to $780; average, $690—						
Junior messenger	5	606	4.9	606	6.3	593
Total average number of employees	146		137.4		128.4	
01 Total salaries, departmental service		285,600.00		285,600.00		254,340.00
Unobligated balance						160.00
Total		285,600.00		285,600.00		254,500.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Contingent Expenses, Department of Commerce—		
For contingent and miscellaneous expenses of the offices and bureaus of the department, including those for which appropriations for contingent and miscellaneous expenses are specifically made, including professional and scientific books, law books, books of reference, periodicals, blank books, pamphlets, maps, newspapers (not exceeding $2,500) for which payment may be made in advance; purchase of atlases or maps; stationery; furniture and repairs to same; carpets, matting, oilcloth, file cases, towels, ice, brooms, soap, sponges; fuel, lighting and heating; [not to exceed $5,000 for the purchase and exchange of one passenger-carrying automobile for the Secretary of Commerce;] purchase and exchange of motor trucks and bicycles; maintenance, repair and operation of [two] *three* motor-propelled passenger-carrying vehicles and motor trucks and bicycles, to be used only for official purposes; freight and express charges; postage to foreign countries; telegraph and telephone service; typewriters, adding machines, and other labor-saving devices, including their repair and exchange; first-aid outfits for use in the buildings occupied by employees of this department; street-car fares, not exceeding $500; and all other miscellaneous items and necessary expenses not included in the foregoing [$270,000] *$290,000*, which sum shall constitute the appropriation for contingent expenses of the department and shall also be available for the purchase of necessary supplies and equipment for field services of bureaus and offices of the department for which contingent and miscellaneous appropriations are specifically made in order to facilitate the purchase through the central purchasing office (Division of Supplies), as provided [in the act of June 17, 1910, Thirty-sixth Statutes at Large, page 531] *by law*:		
Provided, That expenditures from appropriations contained in this act for the maintenance, upkeep, and repair, exclusive of garage rent, pay of operator, fuel, and lubricants on any one motor-propelled passenger-carrying vehicle used by the Department of Commerce shall not exceed one-third of the market price of a new vehicle of the same make or class, and in any case more than $500 (*U. S. C., p. 60, sec. 591; act Feb. 24, 1927, vol. 44, p. 1199*)	$290,000.00	$270,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Supplies and materials:			
0200	Stationery and office supplies	$126,800.00	$117,500.00	$116,595.70
0210	Medical and hospital supplies	3,300.00	800.00	801.91
0220	Scientific and educational supplies	16,000.00	15,000.00	14,691.60
0230	Fuel	1,300.00	1,000.00	936.31
0270	Powder, explosives, etc	100.00	70.00	68.70
0280	Sundry supplies	11,500.00	10,000.00	9,696.32
0290	Materials	5,500.00	5,000.00	4,890.13
02	Total supplies and materials	164,500.00	149,370.00	147,680.67
	Communication service:			
0500	Telegraph service	3,500.00	3,500.00	3,296.38
0510	Telephone service	19,000.00	18,500.00	18,200.00
0520	Other communication service	5,700.00	5,600.00	5,517.32
05	Total communication service	28,200.00	27,600.00	27,013.70
06	Travel expenses	9,500.00	9,500.00	9,595.71
07	Transportation of things (service)	4,000.00	3,400.00	3,072.69
08	Photographing and making photographs and prints (job work)	900.00	900.00	824.63
09	Advertising and publication of notices (service)	25.00	25.00	24.15
10	Furnishing of heat, light, power, water, electricity (service)	75.00	75.00	61.60
11	Rents	350.00	350.00	312.50
12	Repairs and alterations	5,900.00	6,000.00	5,699.08
13	Special and miscellaneous current expenses	5,000.00	5,000.00	4,880.91
	Equipment:			
3000	Passenger-carrying vehicles		4,700.00	
3010	Furniture, furnishings, and fixtures	66,700.00	58,000.00	54,740.12
3020	Educational, scientific, and recreational equipment	100.00	80.00	80.00
3050	Other equipment	4,750.00	5,000.00	3,667.66
30	Total equipment	71,550.00	67,780.00	58,487.78
				257,653.42
	Unobligated balance			4,346.58
	Total	290,000.00	270,000.00	262,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object		Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Rent, Department of Commerce—			
For rent of buildings in the District of Columbia (*U. S. C., p. 60, sec. 591; p. 61, sec. 605; act Feb. 24, 1927, vol. 44, pp. 1199–1200*)	$65, 500. 00		
For rent of additional space in the District of Columbia outside of the Commerce Building (*same acts*)	2, 500. 00		
For rent of storage space outside the Commerce Building (*same acts*)	1, 500. 00		
		$69, 500. 00	$69, 500. 00
11 Rents, Department of Commerce: Expenditures—1929, $69,500; 1928, $69,500; 1927, $69,500.			
Printing and Binding, Department of Commerce—			
For all printing and binding for the Department of Commerce, including all of its bureaus, offices, institutions, and services in the District of Columbia and elsewhere, except the Patent Office [and the aeronautics branch, $675,000], *$735,000*: *Provided*, That an amount not to exceed $2,000 of this appropriation may be expended for salaries of persons detailed from the Government Printing Office for service as copy editors (*act Feb. 24, 1927, vol. 44, p. 1200*)	735, 000. 00		
For the Patent Office: For printing the weekly issue of patents, designs, trade-marks, prints, and labels, exclusive of illustrations; and for printing, engraving illustrations, and binding the Official Gazette, including weekly and annual indices, [$1,075,000] *$1,080,000*; for miscellaneous printing and binding, $60,000; in all, [$1,135,000] *$1,140,000* (*same act*)	1, 140, 000. 00		
		1, 875, 000. 00	1, 810, 000. 00

NOTE.—The estimate of $735,000 for printing and binding for all the services of the department, except the Patent Office, includes the sum of $25,000 for the aeronautics branch not heretofore appropriated under this heading.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Office of the Secretary (Secretary, Assistant Secretary, Solicitor, chief clerk, and Division of Publications)	$20, 500	$20, 500	$19, 500
Appointment division	1, 500	1, 500	950
Disbursing office	1, 000	1, 000	950
Division of supplies	2, 000	2, 000	1, 600
Aeronautics branch	25, 000	25, 000	5, 000
Bureau of the Census	128, 000	114, 000	119, 000
Coast and Geodetic Survey	45, 500	44, 500	43, 500
Bureau of Fisheries	23, 000	21, 000	24, 380
Bureau of Foreign and Domestic Commerce	250, 000	240, 000	225, 000
Bureau of Lighthouses	23, 000	27, 000	21, 000
Lighthouse Service	8, 500	8, 500	8, 600
Bureau of Mines	72, 000	69, 000	66, 300
Bureau of Navigation	24, 000	22, 000	34, 400
Radio Division	11, 000	11, 000	
Shipping and radio services	10, 000	10, 000	9, 000
Bureau of Standards	63, 000	56, 000	57, 240
Office of the Supervising Inspector General, Steamboat Inspection Service	2, 000	2, 000	1, 500
Steamboat Inspection Service	15, 000	15, 000	14, 000
Customs service	10, 000	10, 000	9, 000
Total, exclusive of the Patent Office	735, 000	700, 000	660, 920
Patent Office:			
Specifications, Official Gazette, etc	1, 080, 000	1, 075, 000	977, 311
Miscellaneous	60, 000	60, 000	55, 000
Total, Patent Office	1, 140, 000	1, 135, 000	1, 032, 311
08 Total for department	1, 875, 000	1, 835, 000	1, 693, 231

Enforcement of Wireless Communication Laws—			
Wireless communication laws: To enable the Secretary of Commerce to enforce the acts of Congress "to require apparatus and operators for radio communication on certain ocean steamers" and "to regulate radio communication" and carry out the international radio telegraphic convention, examine and settle international radio accounts, including personal services in the District of Columbia, and to employ such persons and means as may be necessary, traveling and subsistence expenses, purchase and exchange of instruments, technical books, tabulating, duplicating, and other office machinery and devices, rent and all other miscellaneous items and necessary expenses not included in the foregoing, [$220,000] *$320,000*, of which amount not to exceed [$45,000] *$52,460* may be expended for personal services in the District of Columbia (*U. S. C., p. 1507, secs. 484–487; p. 1508, sec. 488; acts Feb. 23, 1927, vol. 44, p. 1162; Feb. 24, 1927, vol. 44, p. 1206*)		320, 000. 00	220, 000. 00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Enforcement of Wireless Communication Laws—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
Grade 5, $5,200 to $6,000; average, $5,600—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Engineer (chief of division)					0.7	$5,200
Engineer (chief of division)					0.2	5,600
Engineer (chief of division)	1	$6,000	1	$6,000	0.1	5,800
Grade 4, $3,800 to $5,000; average, $4,400—						
Engineer (technical expert)	1	4,600	1	4,400	0.5	4,000
Engineer (technical expert)					0.5	4,200
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate engineer (supervisor of radio)	1	3,500	1	3,400	1	3,200
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant engineer (radio inspector)	1	2,400			1	2,400
Clerical, administrative, and fiscal service—						
Grade 10, $3,300 to $3,900; average, $3,600—						
Junior administrative officer (chief of section)	1	3,900	1	3,900	1	3,800
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant (special disbursing agent)	1	2,900	1	2,800	1	2,700
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	1	2,500	1	2,400	0.5	2,200
Principal clerk					0.5	2,300
Grade 5, $1,860 to $2,400; average, $2,100—						
Senior auditiog clerk	1	2,300	1	2,200	1	2,100
Grade 4, $1,680 to $2,040; average, $1,860—						
Principal stenographer	1	1,980	1	1,920	0.5	1,800
Principal stenographer					0.5	1,860
Grade 3, $1,500 to $1,860; average, $1,680—						
Senior stenographer	1	1,860	1	1,800	1	1,740
Senior stenographer	1	1,740	1	1,680	1	1,620
Senior stenographer	1	1,560	1	1,500	0.8	1,500
Assistant clerk	1	1,680	1	1,620	0.5	1,560
Assistant clerk	1	1,560	1.3	1,500	0.5	1,500
Assistant clerk					0.5	1,680
Assistant clerk	3	1,500				
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior stenographer	1	1,440	1	1,380	0.9	1,320
Junior stenographer	1	1,380	1	1,320	0.9	1,320
Junior stenographer					0.8	1,380
Junior clerk	1	1,500	1	1,500	0.8	1,500
Junior clerk	1	1,380	2	1,320	1.2	1,320
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk					0.5	1,200
Underclerk	1	1,380	1	1,320	0.5	1,260
Underclerk	1	1,260	1	1,200	1	1,320
Custodial service—						
Grade 1, $1,020 to $1,260; average, $1,140—						
Messenger	1	1,140				
Total average number of employees	24		20.3		19.9	
Total salaries, departmental service		52,460.00		44,930.00		43,625.22
The difference between 1929 and 1928 is due to increase in force, $7,530.						
Field service:						
Salaries and wages—						
Salary range, $3,800 to $5,000; average, $4,400—						
Engineer (supervisor of radio, senior grade)	1	4,400	1	4,400	0.5	4,400
Engineer (supervisor of radio, senior grade)	3	4,200	2.2	4,200	1.5	4,200
Engineer (supervisor of radio, senior grade)	2	4,000	2	4,000	1.5	4,000
Engineer (supervisor of radio, senior grade)	3	3,800	3	3,800	4	3,800
Engineer (supervisor of radio, senior grade)					1.5	3,300
Salary range, $3,000 to $3,600; average, $3,300—						
Associate engineer (senior radio inspector)	3	3,200	2.5	3,200	1.5	3,200
Associate engineer (senior radio inspector)	3	3,000	3	3,000	3	3,000
Associate engineer (senior radio inspector)					0.6	2,900
Associate engineer (senior radio inspector)					1	2,800
Associate engineer (senior radio inspector)					0.5	2,600
Salary range, $2,400 to $3,000; average, $2,700—						
Assistant engineer (junior radio inspector)	1	3,000	1	3,000	0.5	3,000
Assistant engineer (junior radio inspector)	1	2,900	1	2,900	0.4	2,900
Assistant engineer (junior radio inspector)	1	2,800	1	2,800	1.1	2,800
Assistant engineer (junior radio inspector)	7	2,600	7	2,600	4.5	2,600
Assistant engineer (junior radio inspector)	2	2,500	2	2,500	0.4	2,500
Assistant engineer (junior radio inspector)	3	2,400	3	2,400	5.9	2,400
Salary range, $1,860 to $2,400; average, $2,100—						
Junior engineer (assistant radio inspector)	3	2,300	3	2,300	2.1	2,300
Junior engineer (assistant radio inspector)	25	2,100	1	2,100	3.4	2,100
Salary range, $1,860 to $2,400; average, $2,100—						
Senior clerk	1	2,040	1	2,040	0.5	2,040
Senior clerk					0.5	2,000
Senior clerk	1	1,980	1	1,980		
Senior clerk	4	1,920	4	1,920	3	1,920
Senior clerk	2	1,860	2	1,860	4	1,860
Senior clerk					0.5	1,680
Senior clerk					0.5	1,620
Salary range, $1,680 to $2,040; average, $1,860—						
Principal stenographer	2	1,740	2	1,740	1	1,740
Principal stenographer	2	1,680	2	1,680	2	1,680
Principal stenographer					1	1,620

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Enforcement of Wireless Communication Laws—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average—		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Field service—Continued.						
Salaries and wages—Continued.						
Salary range, $1,500 to $1,860; average, $1,680—						
Assistant clerk					0.4	$1,860
Assistant clerk	2	$1,680	2	$1,680	1.6	1,680
Assistant clerk	4	1,620	4	1,620	2	1,620
Assistant clerk					3	1,560
Assistant clerk	1	1,500	1	1,500	0.6	1,500
Assistant clerk					1	1,440
Assistant clerk					0.2	1,380
Assistant clerk					0.5	1,320
Salary range, $1,320 to $1,680; average, $1,500—						
Junior clerk	1	1,560	1	1,560		
Junior clerk	1	1,500	1	1,500		
Junior clerk	2	1,380	2	1,380	1.6	1,380
Junior clerk	13	1,320	6.8	1,320	5	1,320
Junior clerk					0.6	1,260
Total average number of employees	94		62.5		62.9	
Total salaries and wages, field service		210,080.00		146,515.00		142,018.95
The difference between 1929 and 1928 is due to increase in force, $63,565.						
01 Total personal services		252,040.00		191,445.00		185,644.17
Supplies and materials:						
0200 Stationery and office supplies		2,400.00		1,800.00		1,445.37
0220 Scientific and educational supplies		500.00		300.00		319.63
0230 Fuel and oil		1,500.00		1,000.00		367.55
0280 Sundry supplies		1,000.00		1,000.00		1,083.95
02 Total supplies and materials		5,400.00		4,100.00		3,216.50
04 Storage of motor cars		800.00		400.00		172.95
Communication service:						
0500 Telegraph		600.00		400.00		253.77
0510 Telephone		2,400.00		1,700.00		1,701.11
0520 Other communication service		50.00		40.00		18.79
05 Total communication service		3,050.00		2,140.00		1,973.67
Travel expenses:						
0610 Local transportation		1,200.00		900.00		809.49
0615 Transportation		5,900.00		6,700.00		5,488.48
0616 Subsistence		6,900.00		5,200.00		5,004.83
06 Total travel expenses		14,000.00		11,800.00		11,302.80
07 Transportation of things (service)		400.00		300.00		209.34
08 Printing and binding						
11 Rents in buildings		12,300.00		6,300.00		4,694.63
Repairs and alterations:						
1280 Machinery and equipment		500.00		165.00		162.16
1290 Special repairs and alterations		800.00		400.00		399.35
12 Total repairs and alterations		1,300.00		565.00		561.51
13 Special and miscellaneous current expenses		210.00		150.00		129.87
Equipment:						
3002 Motor vehicles		11,000.00				16,605.00
3010 Furniture and fixtures		1,200.00		1,000.00		4,564.34
3017 Office machines and devices		400.00		400.00		1,601.57
3020 Educational and scientific		7,000.00		1,000.00		12,530.44
3050 Other equipment		400.00		400.00		381.01
30 Total equipment		20,000.00		2,800.00		35,682.36
Federal Radio Commission						25,036.78
						268,624.58
Unexpended or unallotted						66,375.42
Total		320,000.00		220,000.00		335,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Aircraft in Commerce—		
Aircraft in Commerce: To carry out the provisions of the act approved May 20, 1926, entitled "An act to encourage and regulate the use of aircraft in commerce, and for other purposes," including personal services in the District of Columbia (not to exceed [$150,000] *$193,760* for the fiscal year [1928] *1929*) and elsewhere; rent in the District of Columbia and elsewhere; [printing and binding;] traveling expenses; *contract stenographic reporting services; fees and mileage of witnesses;* purchase of furniture and equipment; stationery and supplies, including medical supplies, typewriting, adding, and computing machines, accessories and repairs; [purchase of one passenger-carrying automobile at a cost of not to exceed $2,000;] maintenance, operation, and repair of motor-propelled passenger-carrying vehicles; [purchase of not to exceed ten airplanes, including accessories and spare parts, and maintenance, operation, and repair of airplanes, including accessories and spare parts;] special clothing, wearing apparel, and similar equipment for aviation purposes; purchase of books of reference and periodicals; newspapers, reports, documents, plans, specifications, maps, manuscripts, and all other publications; and all other necessary expenses not included in the foregoing, [$700,000] *$702,000* [of which $168,000 shall be immediately available: *Provided*, That not to exceed $25,000 of this amount shall be transferred to the appropriation "Printing and binding, Department of Commerce, 1928."] *(U. S. C., p. 2119, secs. 171–184; act Feb. 24, 1927, vol. 44, p. 1200)*	$702,000.00	$700,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Clerical, administrative, and fiscal service—	*Average—*		*Average—*		*Average—*	
Grade 14, $7,500 and over—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Special executive officer (Assistant Secretary)	1	$7,500	1	$7,500	0.8	$7,500
Grade 13, $6,000 to $7,500; average, $6,750—						
Executive officer (director of aeronautics)	1	7,000	1	7,000		
Grade 12, $5,200 to $6,000; average, $5,600—						
Senior administrative officer (chief of division)	2	5,400	0.5	5,200	0.8	5,600
Grade 11, $3,800 to $5,000; average, $4,400—						
Assistant chief of division	2	4,100	1	4,600	1	4,400
Grade 10, $3,300 to $3,900; average, $3,600—						
Senior business specialist					0.3	3,600
Junior administrative officer			0.5	3,600		
Grade 9, $3,000 to $3,600; average, $3,300—						
Senior administrative assistant	1	3,300	1	3,600	0.6	3,600
Airplane and engine specialist	1	3,000	1	3,000	0.6	3,000
Grade 8, $2,700 to $3,300; average, $3,000—						
Associate editor					1	3,000
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant	1	2,750	1	2,800	0.3	2,800
Secretary to Assistant Secretary	1	2,400	1	2,400		
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	2	2,400	1	2,100		
Grade 5, $1,860 to $2,400; average, $2,111—						
Senior clerk-stenographer					0.9	2,100
Senior clerk			1	1,860	1.2	1,920
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk-stenographer	6	1,820	5	1,764	1	1,860
Clerk	3	1,755	3	1,740	4.7	1,710
Grade 3, $1,500 to $1,860; average, $1,680—						
Senior stenographer	1	1,650	2	1,680	0.6	1,500
Assistant clerk-stenographer	8	1,620	1	1,680	4	1,640
Assistant clerk	2	1,680	3	1,620	0.7	1,680
Assistant clerk-typist	4	1,692	3	1,620	1.5	1,600
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk-typist	10	1,484	4	1,410	0.1	1,320
Junior clerk	4	1,370	7	1,354	1.5	1,360
Junior stenographer	2	1,440	3	1,480	2.1	1,440
Grade 1, $1,140 to $1,560; average, $1,320—						
Junior typist			1	1,140	1.1	1,140
Underclerk					0.7	1,140
Professional and scientific service—						
Grade 5, $5,200 to $6,000; average, $5,600—						
Chief engineer					0.8	5,400
Senior medical officer	1	5,800	0.5	5,600	0.5	5,400
Grade 4, $3,800 to $5,000; average, $4,400—						
Aeronautical engineer	1	5,000			0.5	3,800
Medical officer						
Scientist (physicist)	1	4,400	1	4,200	1.6	4,380
Cartographic engineer (chief of section)	1	4,400	1	4,400		
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate engineer						
Associate scientist (physicist)	3	3,218	2	3,050	2.8	3,140
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant engineer					0.5	2,400
Assistant scientist (physicist)	3	2,450	2	2,500	0.8	2,500
Grade 1, $1,860 to $2,400; average, $2,111—						
Junior scientist (physicist)	5	1,920	5	1,860	1.9	2,090
Subprofessional service—						
Grade 8, $2,400 to $3,000; average, $2,700—						
Chief aeronautical map draftsman	4	2,600	4	2,700	0.3	2,450
Chief engineering draftsman	1	2,500	1	2,400	1	2,400
Grade 7, $2,100 to $2,700; average, $2,400—						
Principal engineering draftsman	1	2,700	1	2,500	0.5	2,500
Grade 6, $1,680 to $2,400; average, $2,111—						
Senior aeronautical map draftsman			1	2,100	1	2,100
Senior mechanic	2	2,100	2	2,050		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

Aircraft in Commerce—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927		Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
	Average— *No.*	*Salary*	*Average*— *No.*	*Salary*	*Average*— *No.*	*Salary*		
Departmental service—Continued.								
Salaries—Continued.								
Subprofessional service—Continued.								
Grade 5, $1,680 to $2,040; average, $1,860—								
Assistant scientific aid					1.5	$1,760		
Grade 4, $1,500 to $1,860; average, $1,680—								
Assistant scientific aid	4	$1,650	3	$1,567				
Assistant lithographer, artistic	2	1,500	1	1,500				
Junior library assistant	1	1,620	1	1,560	0.1	1,560		
Grade 3, $1,320 to $1,680; average, $1,500—								
Junior scientific aid					3.5	1,340		
Custodial service—								
Grade 4, $1,140 to $1,500; average, $1,320—								
Head messenger	1	1,200	1	1,140	0.3	1,140		
Grade 3, $1,020 to $1,260; average, $1,140—								
Messenger	1	1,140	1	1,140				
Senior laborer					2	1,020		
Grade 1, $600 to $780; average, $690—								
Junior messenger	3	710	1	600	0.7	900		
Total number of employees	86		70.5		45.8			
Total salaries, departmental service		193,760		150,000		107,056		
The difference between 1928 and 1929 is due to increase in force, $43,760.								
Field service:								
Salaries and wages—								
Salary range, $5,200 to $6,000; average, $5,600—								
Consulting aeronautical expert			0.3	7,500	0.3	7,500		
Senior medical officer			0.5	5,600	0.1	5,200		
Salary range, $3,800 to $5,000; average, $4,400—								
Chief inspector	1	5,000	1	5,000	0.6	4,600		
Aeronautic inspector	50	4,000						
Senior business specialist			1	4,000				
Radio engineer	1	5,000	1	5,000				
Scientist (physicist)	1	3,800	1	3,800				
Salary range, $3,300 to $3,900; average, $3,600—								
Aeronautic inspector			25	3,600	2	3,300		
Aeronautic engineer			1.1	3,550	0.2	3,600		
Salary range, $3,000 to $3,600; average, $3,300—								
Junior aeronautic inspector					1.5	3,000		
Experimental pilot	1	3,600	1	3,600				
Associate radio engineer	1	3,200	1	3,200				
Salary range, $2,400 to $3,000; average, $2,700—								
Airplane mechanician	1	2,500	1	2,500				
Assistant scientist (physicist)	1	2,600	1	2,500				
Salary range, $1,860 to $2,400; average, $2,111—								
Aeronautic mechanician	4	2,111	1	2,040	0.3	2,040		
Junior scientist (physicist)	1	2,000	1	1,860				
Senior mechanician	1	1,920	1	1,860				
Salary range, $1,680 to $2,040; average, $1,860—								
Scientific aid	1	1,800	1	1,740				
Salary range, $1,320 to $1,680; average, $1,500—								
Junior scientific aid	3	1,440	3	1,380				
Salary range, $1,020 to $1,260; average, $1,140—								
Senior laborer	4	1,050	4	1,050				
Total number of employees	71		45.4		5			
Total salaries, field service		248,385.00		142,800.00		16,797.00		
The difference between 1929 and 1928 is due to increase in force, $105,585.								
01 Total personal services		442,145.00		292,800.00		123,854.00		
Supplies and materials:								
0200 Stationery and office supplies				6,000.00		3,104.13		
0210 Medical and hospital supplies				1,500.00		1,877.32		
0220 Scientific and educational supplies		4,500.00		10,000.00		10,228.48		
0230 Fuel		38,700.00		50,900.00		505.21		
0280 Sundry supplies		2,030.00		1,500.00		529.36		
02 Total supplies and materials		45,230.00		69,900.00		16,244.50		
Communication service:								
0500 Telegraph service		2,000		1,950.00		852.72		
0510 Telephone service		2,000		600.00		586.00		
0520 Postage				250.00		189.91		
05 Total communication service		4,000		2,800.00		1,581.63		
06 Travel expenses		141,775		109,200.00		23,493.60		
07 Transportation of things		1,600		1,100.00		747.46		
08 Printing and binding				25,000.00		5,000.00		
08 Stenographic services (contract reporting)		1,000						
10 Furnishing of electric current		1,600		1,600.00		1,660.94		
11 Rents		5,750		4,750.00		2,750.00		
12 Repairs and alterations		16,600		16,000.00		3,536.02		
13 Special and miscellaneous current expenses		300		1,600.00		365.40		
Equipment:								
3000 Passenger-carrying vehicle						1,797.33		
3010 Furniture				5,500.00		11,509.25		
3022 Scientific equipment		20,000		35,000.00		38,752.20		
3050 Other equipment		22,000		134,850.00		15,474.38		
3210 Laboratory buildings (College Park)						3,233.00		
30 Total equipment		42,000		175,350.00		70,766.16		
Total		702,000		700,000.00		250,000.00		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Air Navigation Facilities—		
Air navigation facilities: For the establishment and maintenance of aids to air navigation, including the equipment of additional air mail routes for day and night flying; the construction of necessary lighting, radio, and other signaling and communicating structures and apparatus; repairs, alterations, and all expenses of maintenance and operation; for personal services in the District of Columbia (not to exceed [$34,220] *$37,400*) and elsewhere; purchase, maintenance, operation, and repair of motor-propelled, passenger-carrying vehicles, including their exchange; *purchase of not to exceed five airplanes, including accessories and spare parts, maintenance, operation, and repair of airplanes, including accessories and spare parts;* and for the acquisition of the necessary sites by lease, or grant, [$3,091,500] *$3,209,850* [of which $450,000 shall be immediately available]: *Provided*, That no part of this appropriation shall be used for any purpose not authorized by the air commerce act of 1926 (*U. S. C., p. 60, sec. 591; p. 1091, sec. 711; p. 2120, sec. 175; act Feb. 24, 1927, vol. 44, p. 1200*)	$3,209,850.00	$3,091,500.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:[1]						
Salaries—						
Professional service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 5, $5,200 to $6,000; average, $5,600—						
Chief engineer	1	$5,600	1	$5,600		
Grade 4, $3,800 to $5,000; average, $4,400—						
Airways engineer	1	4,000	1	3,850		
Subprofessional service—						
Grade 6, $1,860 to $2,400; average, $2,111—						
Draftsman	2	2,100	1	2,100		
Grade 5, $1,680 to $2,040; average, $1,860—						
Draftsman			0.8	1,740		
Clerical, administrative, and fiscal service—						
Grade 9, $3,000 to $3,600; average, $3,300—						
Senior administrative assistant	1	3,300	0.7	3,100		
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	2	2,400	0.5	2,200		
Grade 5, $1,860 to $2,400; average, $2,111—						
Senior clerk			1	2,000		
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk-stenographer	2	1,860	1	1,860		
Clerk	0.6	1,860	0.5	1,800		
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk-stenographer	4	1,680	6.2	1,542		
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk-stenographer	2	1,500	1	1,380		
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk-typist			1.3	1,180		
Custodial service—						
Grade 2, $900 to $1,260; average, $1,080—						
Assistant messenger	1	960	0.8	900		
Total average number of employees	16.6		16.8			
Total salaries, departmental service		37,400		34,166		
The difference between 1929 and 1928 is due to increase in salaries, $3,234.						
Field service:						
Salary and wages—						
Salary range, $3,800 to $5,000; average, $4,400—						
Airways engineer	4	3,950	3	3,900		
Radio engineer	1	4,000	1	3,900	0.2	$3,800
Airways extension superintendent	5	3,850	4	3,800		
Salary range, $3,000 to $3,600; average, $3,300—						
Associate airways engineer	11	3,164	9	3,150	1	3,090
Associate radio engineer	2	3,450	2	3,300		
Airways extension superintendent	13	3,366	10	3,360	7	3,037
Salary range, $2,700 to $3,300; average, $3,000—						
Chief clerk	1	3,000	1	2,800	0.3	2,700
Salary range, $2,400 to $3,000; average, $2,700—						
Assistant airways engineer	3	2,400	2.8	2,400		
Assistant radio engineer	1	2,700	0.7	2,700		
Inspector of airways construction	4	2,700	6	2,500		
Salary range, $2,100 to $2,700; average, $2,400—						
Airplane mechanician	4	2,400	3	2,400		
Airways mechanician	42	2,400	33.1	2,100	3	2,100
Radio operator	76	2,300	52	2,300	(1)	
Salary range, $1,860 to $2,400; average, $2,111—						
Principal clerk	5	2,100	3.5	2,100		
Salary range, $1,500 to $1,860; average, $1,680—						
Clerk-stenographer	8	1,500	10	1,500	2	1,500

[1] During the fiscal year 1927 the salaries of departmental personnel engaged in these activities were chargeable to the appropriation "Aircraft in commerce," the total expenditure therefor being $13,776.63.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Air Navigation Facilities—Continued.					
Field service—Continued.					
Salaries and wages—Continued.	*Average—*	*Average—*	*Average—*		
Salary range, $1,140 to $1,500; average, $1,320—Caretakers and weather reporters (full time)	*No.* *Salary* ----------	*No.* *Salary* 82 $1,220	*No.* *Salary* (1)		
Salary range, $480 to $720; average, $600—Caretaker (part time)	544 $530	170.4 530	23.1 $480		
Weather observer and reporter (part time)	226 600	12.5 600	(1)		
Total average number of employees	950	406	36.6		
Total salaries and wages, field service	880,040.00	542,283.00	46,332.18		
The difference between 1929 and 1928 is due to—					
Decrease in salaries $50,610					
Increase in salaries 11,806					
Net decrease $38,834					
Increase in force 384,591					
Decrease in force 8,000					
Net increase 376,591					
Net increase 337,757					
01 Total personal services	917,440.00	576,449.00	46,332.18		
Supplies and materials:					
0200 Stationery and office supplies	9,000.00	6,500.00	3,220.65		
0230 Fuel	159,800.00	93,000.00	6,789.02		
0280 Sundry supplies	202,260.00	103,000.00	2,921.73		
0290 Materials	9,750.00	7,000.00	455.60		
02 Total supplies and materials	380,810.00	209,500.00	13,387.00		
Communication service:					
0500 Telegraph service	11,195.00	2,325.00	459.86		
0510 Telephone service	85,905.00	40,610.00	212.38		
0520 Other communication service	450.00	300.00	.28		
05 Total communication service	97,550.00	43,235.00	672.52		
06 Travel expense	148,200.00	95,000.00	32,341.34		
07 Transportation of things (service)	121,200.00	181,000.00	13,188.58		
08 Photographing and making photographs and prints	300.00	140.00	89.60		
09 Advertising and publication of notices (service)	750.00	600.00	480.24		
10 Furnishing of heat, light, power, water, electricity (service)	350,000.00	206,000.00	7,986.18		
Rents:					
1100 Rent of buildings and structures	9,800.00	8,000.00	4,300.52		
1110 Other rents	136,100.00	102,000.00	560.34		
11 Total rents	145,900.00	110,000.00	4,860.86		
12 Repairs and alterations	117,250.00	159,000.00	3,095.81		
13 Special and miscellaneous current expenses	30,200.00	19,000.00	4,133.98		
Equipment:					
3000 Furniture, furnishings, and fixtures	16,650.00	12,000.00	1,504.74		
3050 Other equipment	569,150.00	725,000.00	453,948.77		
30 Total equipment	585,800.00	735,000.00	455,453.51		
Structures and parts, etc.:					
3210 Other structures	282,500.00	450,000.00	2,428.71		
3220 Nonstructural improvements	1,250.00	1,000.00	60.00		
32 Total structures and parts	283,750.00	451,000.00	2,468.71		
Add amount transferred to "Aerology, Weather Bureau"	30,700.00	21,065.00			
Total	3,209,850.00	2,806,989.00	[2] 584,510.41		
Total, office of the Secretary of Commerce				$6,751,950.00	$6,446,600.00

[1] Paid by Post Office Department.
[2] The expenditures in 1927 in excess of the appropriation were from an amount in the 1928 appropriation which was made immediately available.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
BUREAU OF FOREIGN AND DOMESTIC COMMERCE		
Salaries, Bureau of Foreign and Domestic Commerce—		
Salaries: For the director and other personal services in the District of Columbia in accordance with the classification act of 1923 (*U. S. C., p. 60, secs. 591, 596, 597; p. 370, secs. 171–194; act Feb. 24, 1927, vol. 44, p. 1200*)	$252,887.00	$247,887.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average*—		*Average*—		*Average*—	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 7, $7,500 and over—						
Special economic analyst (chief of bureau)	1	$7,500	1	$7,500	0.3	$7,500
Grade 6, $6,000 to $7,500; average, $6,750—						
Chief economic analyst (chief of bureau)					0.7	7,000
Clerical, administrative, and fiscal service—						
Grade 13, $6,000 to $7,500; average, $6,750—						
Executive officer (assistant director)	1	6,500	1	6,500	0.2	6,500
Grade 12, $5,200 to $6,000; average, $5,600—						
Senior administrative officer (assistant director)					0.8	6,000
Senior administrative officer (assistant director)	1	6,000	1	6,000	1	5,800
Chief business specialist (chief of division)	1	5,400	1	5,400	1	5,400
Grade 11, $3,800 to $5,000; average, $4,400—						
Administrative officer (administrative assistant)	1	4,400	1	4,400	1	4,100
Chief business specialist (chief of division)	2	4,600	2	4,600	2	4,483
Grade 10, $3,300 to $3,900; average, $3,600—						
Junior administrative officer (chief of division)	1	3,600	1	3,600	1	3,550
Grade 9, $3,000 to $3,600; average, $3,300—						
Business specialist	1	3,400	1	3,400	1	3,350
Senior administrative assistant	1	3,400	1	3,400	1	3,350
Grade 8, $2,700 to $3,300; average, $3,000—						
Administrative assistant	1	3,000	1	3,000	1	3,000
Associate editor	1	3,000	1	3,000	1	2,900
Grade 7, $2,400 to $3,000; average, $2,800—						
Junior administrative assistant	2	2,800	2	2,800	3	2,794
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	4	2,400	4	2,400	4	2,360
Grade 5, $1,860 to $2,400; average, $2,100—						
Senior clerk	8	2,200	8	2,200	8	2,132
Senior office draftsman	3	2,000	3	2,000	3	1,973
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	21	1,850	21	1,850	21	1,815
Office draftsman	1	1,800	1	1,800	1	1,770
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	16	1,650	16	1,650	16	1,650
Assistant clerk-stenographer	4	1,800	4	1,800	4	1,792
Senior operator, office devices	1	1,500	1	1,500	1.7	1,500
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	18	1,440	18	1,440	18	1,486
Senior typist	6	1,380	6	1,380	6	1,363
Junior stenographer	4	1,440	4	1,440	4	1,397
Junior clerk-typist	1	1,320	1	1,320	1.2	1,320
Junior clerk-stenographer	1	1,320	1	1,320	1.7	1,320
Junior operator, office devices	4	1,500	4	1,500	4	1,515
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	6	1,273	5	1,300	6.5	1,292
Junior typist	1	1,247	1	1,247	1	1,269
Underoperator, office devices	9	1,300	6	1,300	8	1,300
Custodial service—						
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger	7	1,140	7	1,140	7	1,102
Grade 2, $900 to $1,140; average, $1,020—						
Assistant messenger	3	960	3	960	3.7	972
Grade 1, $600 to $780; average, $690—						
Junior messenger	7	630	7	630	7.4	630
Total number of employees	139		135		142.2	
01 Total salaries, departmental service		252,887		247,887		258,841
The difference between 1929 and 1928 is due to increase of force, $5,000.						
Unobligated balance						2,136
Total		252,887		247,887		260,977

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
For carrying out the provisions of the act approved March 3, 1927, to establish in the Bureau of Foreign and Domestic Commerce of the Department of Commerce a Foreign Commerce Service of the United States, including personal services in the District of Columbia and elsewhere, the compensation of a clerk or clerks for each commercial attaché at the rate to not to exceed $5,000 per annum for each person so employed, rent outside the District of Columbia, telephone service, purchase of furniture and equipment, stationery and supplies, typewriting, adding, duplicating, and computing machines, accessories and repairs, law books, books of reference and periodicals, maps, reports, documents, plans, specifications, manuscripts, newspapers (foreign and domestic) not exceeding $4,000, and all other publications, traveling expenses of officers and employees, ice and drinking water for office purposes, and all other incidental expenses not included in the foregoing, to be expended under the direction of the Secretary of Commerce, and under the following heads:		
Commercial Attachés, Department of Commerce—		
[Commercial attachés: For commercial attachés, to be appointed by the Secretary of Commerce, after examination to be held under his direction to determine their competency and to be accredited through the State Department, whose duties shall be to investigate and report upon such conditions in the manufacturing industries and trade of foreign countries as may be of interest to the United States; and for the compensation of a clerk or clerks for each commercial attaché at the rate of not to exceed $3,000 per annum for each person so employed, and for janitor and messenger service, rent outside of the District of Columbia, purchase of furniture and equipment, stationery and supplies, typewriting, adding, and computing machines, accessories and repairs, books of reference, and periodicals, maps, reports, documents, plans, specifications, manuscripts, newspapers (both foreign and domestic) not exceeding $700, and all other publications, travel to and from the United States, ice and drinking water for office purposes, and all other incidental expenses, not included in the foregoing; such commercial attachés shall serve directly under the Secretary of Commerce and shall report directly to him, $385,000, of which sum not to exceed $77,000 shall be available for personal services in the District of Columbia: *Provided*, That not to exceed two commercial attachés employed under this appropriation may be recalled from their foreign posts and assigned for duty in the Department of Commerce without loss of salary: *Provided further*, That payment in advance of subscriptions for newspapers, rent, telephone, and other similar services under this appropriation is hereby authorized] (*act Feb. 24, 1927, vol. 44, pp. 1200–1201*).		
Promoting Commerce, Department of Commerce—		
[Promoting commerce, Europe and other areas: For all necessary expenses, including investigations in Europe and other areas, purchase of furniture and equipment, stationery and supplies, typewriting, adding, and computing machines, accessories and repairs, purchase of books of reference and periodicals, maps, reports, documents, plans, specifications, manuscripts, newspapers (both foreign and domestic) not exceeding $700, and all other publications for the promotion of the commercial interests of the United States, rent outside the District of Columbia, traveling and subsistence expenses of officers and employees, ice and drinking water for office purposes, and all other incidental expenses not included in the foregoing, to further promote and develop the foreign and domestic commerce of the United States, $509,880, to be expended under the direction of the Secretary of Commerce: *Provided*, That not more than $69,485 of the foregoing sum may be used for personal services in Washington, District of Columbia: *Provided further*, That not more than four trade commissioners employed under this appropriation may be recalled from their foreign posts and assigned to duty in the Department of Commerce: *Provided further*, That payment in advance of subscriptions for newspapers, rent, telephone, and other similar services under this appropriation is hereby authorized.] (*act Feb. 24, 1927, vol. 44, pp. 1200–1201*).		
Promoting Commerce in Europe and Other Areas—		
Investigations in Europe and other areas for the promotion and development of the foreign commerce of the United States, $864,143, of which amount not to exceed $63,625 may be expended for personal services in the District of Columbia (U. S. C., p. 60, secs. 591, 596, 597; p. 370, secs. 171–194; acts Mar. 3, 1927, vol. 44, p. 1394; Feb. 24, 1927, vol. 44, pp. 1200, 1201)	$864,143.00	$808,992.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Promoting Commerce in Europe and Other Areas—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
Grade 5, $5,200 to $6,000; average, $5,600—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Senior economic analyst (chief of division)	1	$5,800	1	$5,800	1	$5,800
Clerical, administrative, and fiscal service—						
Grade 11, $3,800 to $5,000; average, $4,400—						
Administrative officer	1	4,000	1	4,000	0.7	4,000
Grade 10, $3,300 to $3,900; average, $3,600—						
Junior administrative officer					0.8	3,800
Grade 9, $3,000 to $3,600; average, $3,300—						
Business specialist	2	3,300	3	3,300	1.9	3,255
Grade 7, $2,400 to $3,000; average, $2,700—						
Assistant business specialist	6	2,550	7.5	2,550	5.5	2,524
Grade 5, $1,860 to $2,400; average, $2,100—						
Business assistant	2	2,100	1.5	2,100	1.3	2,090
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	6	1,850	6	1,850	4.5	1,850
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	3	1,680	3	1,640	2	1,622
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	2	1,500	4	1,475	4.4	1,452
Junior stenographer	4	1,500	2	1,500	1.5	1,511
Junior clerk-stenographer	1	1,600	1	1,600	1	1,590
Custodial service—						
Grade 2, $900 to $1,140; average, $1,020—						
Assistant messenger	1	995	1	990	0.5	960
Total average number of employees	29		31		25.1	
Total salaries, departmental service		63,625		69,485		56,796
The difference between 1929 and 1928 is due to decrease in force, $5,860.						
Field service:						
Salaries and wages—						
Salary range, $7,500 and over—						
Commercial attaché	7	8,940	6	8,641	6.5	8,700
Salary range, $6,000 to $7,500; average, $6,750—						
Commercial attaché and trade commissioner	12	6,600	12	6,750	9.7	6,750
Salary range, $5,200 to $6,000; average, $5,600—						
Commercial attaché and trade commissioner	18	5,487	18	5,411	13.7	5,490
Salary range, $3,800 to $5,000; average, $4,400—						
Commercial attaché and trade commissioner	12	4,446	11	4,400	9.3	4,370
Salary range, $3,300 to $3,900; average, $3,600—						
Assistant trade commissioner	14	3,550	14	3,550	12	3,511
Salary range, $3,000 to $3,600; average, $3,300—						
Assistant trade commissioner	14	3,276	14	3,276	13	3,200
Salary range, $2,400 to $3,000; average, $2,700—						
Clerk	21	2,500	18	2,572	18.9	2,584
Total average number of employees	98		93		83.1	
Total salaries, field service		441,640		420,669		372,496
Local employees		149,000		132,345		112,018
Total salaries and wages		590,640		553,014		484,514
The difference between 1928 and 1929 is due to increase in force, $37,626.						
01 Total personal services[1]		654,265		622,499		541,310
Supplies and materials:						
02011 Printed forms and letterheads		1,800.00		1,548.00		1,601.16
02012 Other stationery		210.00		306.00		293.12
0202 Sundry office supplies		6,200.00		6,290.00		6,182.88
02222 Periodicals, trade journals		3,100.00		3,650.00		3,674.87
02223 Reference books		1,100.00		1,385.00		1,379.53
0230 Fuel		950.00		752.00		733.68
02 Total supplies and materials		13,360.00		13,931.00		13,865.24
Communication service:						
0501 To Washington		29,250.00		28,580.00		25,898.25
0502 From Washington		4,500.00		4,450.00		4,046.85
0504 Local telegrams		2,475.00		2,580.00		2,589.47
0510 Telephone service		3,800.00		3,790.00		3,538.13
0520 Postage		7,600.00		7,577.00		7,672.72
05 Total communication service		47,625.00		46,977.00		43,745.42
Travel expenses:						
0601 Transportation		35,250.00		32,480.00		36,889.48
0630 Subsistence and other expenses		29,625.00		28,920.00		28,746.06
06 Total travel expenses		64,875.00		61,400.00		65,635.54
07 Freight and drayage		2,328.00		4,074.00		4,715.83
Furnishing of heat, light, water, etc.:						
1010 Light		2,100.00		1,294.50		1,298.92
1040 Water rent		260.00		80.20		81.75
10 Total furnishing of heat, light, water, etc		2,360.00		1,374.70		1,380.67

[1] Combination of "Commercial attachés, Department of Commerce" with "Promoting commerce, Department of Commerce."

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Promoting Commerce in Europe and Other Areas—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Rents:			
1101	Office buildings	$48,580.00	$38,150.00	$37,337.16
1115	Furniture and equipment	85.00	64.00	73.76
11	Total rents	48,665.00	38,714.00	37,410.92
	Repairs and alterations:			
1200	Office buildings	910.00	566.00	591.66
1280	Furniture and equipment	875.00	568.00	784.74
12	Total repairs and alterations	1,785.00	1,134.00	1,376.40
13	All other expenses	7,667.00	829.14	4,148.67
30	Furniture, furnishings, and equipment	21,203.00	14,999.00	16,065.61
			805,432.00	729,653.89
	Reserve		3,560.00	
	Unobligated balance			2,026.11
	Total	864,143.00	808,992.00	731,680.00

Promoting Commerce, South and Central America—

[Promoting commerce, South and Central America: To further promote and develop the commerce of the United States with South and Central America, including personal services in the District of Columbia and elsewhere, purchase of furniture and equipment, stationery and supplies, typewriting, adding, and computing machines, accessories and repairs, books of reference and periodicals, reports, plans, specifications, manuscripts, documents, maps, newspapers (both foreign and domestic) not exceeding $700, and all other publications, rent outside of the District of Columbia, traveling and subsistence expenses of officers and employees, ice and drinking water for office purposes, and all other incidental expenses not included in the foregoing, to be expended under the direction of the Secretary of Commerce, $358,090, of which amount not to exceed $108,935 may be expended for personal services in the District of Columbia: *Provided*, That not more than two trade commissioners employed under this appropriation may be recalled from their foreign posts and assigned to duty in the Department of Commerce: *Provided further*, That payment in advance of subscriptions for newspapers, rent, telephone, and other similar services under this appropriation is hereby authorized] (*act Feb. 24, 1927, vol. 44, pp. 1200, 1201*).

Promoting Commerce in Latin America—

Investigations in Latin America for the promotion and development of the foreign commerce of the United States, $458,817, of which amount not to exceed $113,800 may be expended for personal services in the District of Columbia (U. S. C., p. 60, secs. 591, 596, 597; p. 370, secs. 171–194; acts Mar. 3, 1927, vol. 44, p. 1394; Feb. 24, 1927, vol. 44, pp. 1200–1201)—— $458,817.00 $410,791.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
Grade 5, $5,200 to $6,000; average, $5,600—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Senior economic analyst (chief of division)	2	$6,000	2	$6,000	1.4	$5,952
Senior economic analyst	1	5,200	1	5,200	1	5,200
Senior attorney					0.1	5,500
Grade 4, $3,800 to $5,000; average, $4,400—						
Economic analyst					1	5,000
Clerical, administrative, and fiscal service—						
Grade 11, $3,800 to $5,000; average, $4,400—						
Assistant chief business specialist	1	4,000	1	4,000	0.3	4,000
Grade 10, $3,300 to $3,900; average, $3,600—						
Junior administrative officer	2	3,600	2	3,600	2.2	3,545
Grade 9, $3,000 to $3,600; average, $3,300—						
Business specialist	3	3,200	3	3,200	3	3,173
Grade 7, $2,400 to $3,000; average, $2,700—						
Assistant business specialist	3	2,700	3	2,700	2.2	2,674
Grade 5, $1,860 to $2,400; average, $2,100—						
Senior clerk	2	2,100	2	2,100	2	2,087
Business assistant	8	2,100	7	2,100	8	1,960
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	6	1,860	6	1,860	6	1,840
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	3	1,600	3	1,600	2.8	1,600
Assistant clerk-stenographer	3	1,680	3	1,680	3	1,685

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Promoting Commerce in Latin America—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service—Continued.						
Salaries—Continued.						
Clerical, administrative, and fiscal service—Con.	*Average—*		*Average—*		*Average—*	
Grade 2, $1,320 to $1,680; average, $1,500—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Junior clerk	5	$1,440	5	$1,440	5.5	$1,442
Junior stenographer	2	1,500	2	1,500	2	1,541
Junior clerk-typist	4	1,440	2	1,500	2	1,470
Junior clerk-stenographer	3	1,500	3	1,500	2.7	1,500
Grade 1, $1,140 to $1,500; average, $1,320—						
Junior typist	4	1,310	3.8	1,380	3.4	1,382
Total average number of employes	52		48.8		48.6	
Total salaries, departmental service		113,800		108,935		104,604
The difference between 1929 and 1928 is due to increase in force, $4,865.						
Field service:						
Salaries and wages—						
Salary range, $7,500 and over—						
Trade commissioners	2	8,600	2	8,600	1.6	8,671
Salary range, $6,000 to $7,500; average, $6,750—						
Commercial attaché and trade commissioner	8	6,600	7	6,723	6.3	6,400
Salary range, $5,200 to $6,000; average, $5,600—						
Trade commissioner	4	5,200	4	5,200	4	5,260
Salary range, $3,800 to $5,000; average, $4,400—						
Trade commissioner	8	4,500	7	4,500	7.5	4,591
Assistant trade commissioner	4	4,250	4	4,250	4	4,230
Salary range, $3,300 to $3,900; average, $3,600—						
Assistant trade commissioner	3	3,675	3	3,675	3	3,665
Salary range, $3,000 to $3,600; average, $3,300—						
Assistant trade commissioner	6	3,100	5	3,100	5	3,073
Salary range, $2,400 to $3,000; average, $2,700—						
Clerk	7	2,476	6	2,430	4	2,650
Total average number of employees	42		38		33.4	
Total salaries, field service		190,750		174,662		164,475
Local employees		53,000		43,240		38,050
Total salaries and wages		243,750		217,902		202,525
The difference between 1929 and 1928 is due to increase in force, $25,848.						
01 Total personal services		357,550		326,837		307,129
Supplies and materials:						
02011 Printed forms and letterheads		250.00		408.00		206.78
02011 Other stationery		150.00		126.00		30.09
0202 Sundry office supplies		2,700.00		3,215.00		2,461.49
02222 Periodicals, trade journals		1,100.00		1,325.00		1,056.36
02223 Reference books		375.00		397.50		218.09
0230 Fuel				117.00		113.68
02 Total supplies and materials		4,575.00		5,588.50		4,086.49
Communication service:						
0501 To Washington		16,000.00		13,730.00		10,282.76
0502 From Washington		4,800.00		3,825.00		2,900.69
0504 Local telegrams		600.00		430.00		266.42
0510 Telephone service		1,200.00		1,290.00		1,049.00
0520 Postage		800.00		1,035.00		937.49
05 Total communication service		23,400.00		20,310.00		15,436.36
Traval expenses:						
0601 Transportation		23,068.00		18,080.00		16,077.80
0630 Subsistence and other expenses		16,700.00		14,320.00		12,373.39
06 Total travel expenses		39,768.00		32,400.00		28,451.19
07 Freight and drayage		600.00		929.00		828.88
Furnishing of heat, light, water, etc.:						
1010 Light		185.00		265.75		227.61
1040 Water rent				11.70		11.69
Total furnishing of heat, light, water, etc		185.00		277.45		239.30
Rents:						
1101 Office buildings		20,444.00		16,400.00		14,863.90
1115 Furniture and equipment				6.50		6.39
11 Total rents		20,444.00		16,406.50		14,870.29
Repairs and alterations:						
1200 Office buildings				91.00		94.21
1280 Furniture and equipment		260.00		278.00		274.80
12 Total repairs and alterations		260.00		369.00		369.01
13 Special and miscellaneous current expenses		2,145.00		373.19		1,356.46
30 Furniture, furnishings, and equipment		10,890.00		5,040.00		4,615.55
				408,531.00		377,381.65
Reserve				2,260.00		
Unobligated balance						2,104.35
Total		458,817.00		410,791.00		379,486.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Promoting Commerce in the Far East—		
[Promoting commerce in the Far East: To further promote and develop the commerce of the United States with the Far East, including personal services in the District of Columbia and elsewhere, purchase of furniture and equipment, stationery and supplies, typewriting, adding and computing machines, accessories and repairs, books of reference and periodicals, reports, documents, plans, specifications, manuscripts, maps, newspapers (both foreign and domestic) not exceeding $400, and all other publications, rent outside of the District of Columbia, traveling and subsistence expenses of officers and employees, ice and drinking water for office purposes, and all other incidental expenses not included in the foregoing, to be expended under the direction of the Secretary of Commerce, $300,000, of which amount not to exceed $104,600 may be expended for personal services in the District of Columbia: *Provided*, That not more than two trade commissioners employed under this appropriation may be recalled from their foreign posts and assigned to duty in the Department of Commerce: *Provided further*, That payment in advance of subscriptions to newspapers, rent, telephone, and other similar services under this appropriation is hereby authorized] (*act Feb. 24, 1927, vol. 44, pp. 1200, 1201*).		
Investigations in the Far East for the promotion and development of the foreign commerce of the United States, $365,000, of which amount not to exceed $107,060 may be expended for personal services in the District of Columbia (U. S. C., p. 60, secs. 591, 596, 597; p. 370, secs. 171–194; acts Mar. 3, 1927, vol. 44, p. 1394; Feb. 24, 1927, vol. 44, pp. 1200, 1201)	$365,000.00	$333,187.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 5, $5,200 to $6,000; average, $5,600—						
Senior economic analyst (chief of division)	1	$6,000	1	$6,000	1	$6,000
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate economic analyst	2	3,050	2	3,050	2	3,050
Associate scientist	1	3,200	1	3,200	1	3,150
Grade 2, $2,400 to $3,000; average, $2,700—						
Junior economic analyst	2	2,500	2	2,500	1.5	2,500
Clerical, administrative, and fiscal service—						
Grade 11, $3,800 to $5,000; average, $4,400—						
Assistant chief business specialist	1	4,800	1	4,800	1	4,600
Grade 10, $3,300 to $3,900; average, $3,600—						
Junior administrative officer	1	3,800	1	3,800	1	3,783
Grade 9, $3,000 to $3,600; average, $3,300—						
Business specialist	2	3,450	2	3,450	1.6	3,452
Grade 8, $2,700 to $3,300; average, $3,000—						
Associate investigator	1	3,000	1	3,000	0.3	3,000
Grade 7, $2,400 to $3,000; average, $2,700—						
Assistant business specialist	3	2,400	3	2,400	2.3	2,400
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	2	2,200	2	2,200	2	2,123
Grade 5, $1,860 to $2,400; average, $2,100—						
Senior clerk	10	2,100	10	2,100	10	2,078
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	5	1,820	5	1,820	5.2	1,809
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	8	1,618	8	1,600	8	1,591
Assistant clerk-stenographer	3	1,800	3	1,800	3	1,760
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior stenographer	1	1,440	1.1	1,440	1.5	1,446
Junior clerk-stenographer	3	1,560	2	1,560	2	1,515
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	2	1,200	1	1,200	1	1,170
Total average number of employees	48		46.1		44.2	
Total salaries, departmental service		107,060		104,600		97,880
The difference between 1929 and 1928 is due to increase in force, $2,460.						
Field service:						
Salaries and wages—						
Salary range, $7,500 and over—						
Commercial attaché and trade commissioner	3	8,500	3	8,120	3	7,673
Salary range, $6,000 to $7,500; average, $6,750—						
Trade commissioner	3	6,730	3	6,750	2.6	6,773
Salary range, $5,200 to $6,000; average, $5,600—						
Trade commissioner	4	5,200	3	5,200	2.3	5,300
Salary range, $3,800 to $5,000; average, $4,400—						
Trade commissioner	3	4,500	3	4,500	2.5	4,733
Assistant trade commissioner	5	4,250	5	4,250	5.2	4,336
Salary range, $3,300 to $3,900; average, $3,600—						
Assistant trade commissioner	4	3,500	4	3,500	4.5	3,480
Salary range, $2,400 to $3,000; average, $2,700—						
Clerk	3	2,700	2	2,700	2.7	2,747
Total average number of employees	25		23		22.8	
Total salaries, field service		123,400		114,359		110,400
Local employees		56,100		45,480		40,557
Total salaries and wages		179,500		159,849		150,957
01 Total personal services		286,560		264,449		248,837

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Promoting Commerce in the Far East—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Supplies and materials:			
02011	Printed forms and letterheads		$144.00	$141.68
02012	Other stationery	$160.00	28.00	25.36
0202	Sundry office supplies	1,300.00	1,495.00	1,490.93
02222	Periodicals, trade journals	650.00	825.00	786.37
02223	Reference books	165.00	207.50	207.16
0230	Fuel		81.00	78.70
02	Total supplies and materials	2,275.00	2,780.50	2,730.20
	Communication service:			
0501	To Washington	12,200.00	11,890.00	11,298.79
0502	From Washington	3,000.00	2,825.00	2,713.52
0504	Local telegrams	425.00	465.00	441.69
0510	Telephone service	500.00	720.00	684.06
0520	Postage	1,100.00	1,405.00	1,341.81
05	Total communication service	17,225.00	17,305.00	16,479.87
	Travel expenses:			
0601	Transportation	19,960.00	18,440.00	18,075.98
0630	Subsistence and other expenses	14,650.00	12,260.00	11,616.51
06	Total travel expenses	34,610.00	30,700.00	29,692.49
07	Freight and drayage	500.00	697.00	672.75
	Furnishing of heat, light, and water, etc.:			
1010	Light	225.00	274.75	265.81
1040	Water rent		8.10	8.09
10	Total furnishing of heat, light, water, etc	225.00	282.85	273.90
	Rents:			
1101	Office buildings	10,800.00	9,450.00	9,234.36
1115	Furniture and equipment	262.00	254.50	229.34
11	Total rents	11,062.00	9,704.50	9,463.70
	Repairs and alterations:			
1200	Office buildings	100.00	88.00	88.25
1280	Furniture and equipment	175.00	204.00	254.04
12	Total repairs and alterations	275.00	292.00	342.29
13	Special and miscellaneous current expenses	998.00	96.15	997.23
30	Furniture, furnishings, and equipment	11,270.00	4,700.00	4,696.31
			331,007.00	314,185.84
	Reserve		2,180.00	
	Unobligated balance			5,088.16
	Total	365,000.00	333,187.00	319,274.00

Promoting Commerce in Africa—

Investigations in Africa for the promotion and development of the foreign commerce of the United States, $85,010, of which amount not to exceed $8,500 may be expended for personal services in the District of Columbia (submitted) $85,010.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Clerical, administrative, and fiscal service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 9, $3,000 to $3,600; average, $3,300—						
Business specialist	1	$3,300				
Grade 7, $2,400 to $3,000; average, $2,700—						
Assistant business specialist	1	2,500				
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	1	1,500				
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	1	1,200				
Total average number of employees	4					
Total salaries, departmental service		8,500				

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Promoting Commerce in Africa—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Field service:			
	Salaries—	*Average—*	*Average—*	*Average—*
		No. *Salary*	*No.* *Salary*	*No.* *Salary*
	Salary range, $6,000 to $7,500; average, $6,750—			
	Trade commissioner	1 $6,500		
	Salary range, $5,200 to $6,000; average, $5,600—			
	Trade commissioner	2 5,750		
	Salary range, $3,800 to $5,000; average, $4,400—			
	Trade commissioner	2 4,500		
	Salary range, $3,300 to $3,900; average, $3,600—			
	Assistant trade commissioner	2 3,800		
	Salary range, $3,000 to $3,600; average, $3,300—			
	Assistant trade commissioner	3 3,000		
	Salary range, $1,860 to $2,400; average, $2,100—			
	Clerk	1 2,000		
	Total average number of employees	11		
	Total salaries, field service	45,600		
	Local employees	10,200		
	Total salaries and wages	55,800.00		
01	Total personal services	64,300.00		
	Supplies and materials:			
0201.2	Other stationery	150		
0202	Sundry office supplies	750		
0222.2	Periodicals, trade journals	300		
0222.3	Reference books	100		
02	Total supplies and materials	1,300		
	Communication service:			
0501	To Washington	2,000		
0502	From Washington	750		
0504	Local telegrams	150		
0510	Telephone service	500		
0520	Postage	750		
05	Total communication service	4,150		
	Travel expenses:			
0601	Transportation	4,000		
0630	Subsistence and other expenses	3,000		
06	Total travel expenses	7,000		
07	Freight and drayage	300		
10	Lights	100		
11	Rent of office buildings	4,050		
12	Repairs to furniture and equipment	75		
13	All other expenses	500		
30	Furniture, furnishings, and equipment	2,635		
	Total	85,010		

District and Cooperative Office Service, Department of Commerce—

District and Cooperative Office Service: For all expenses necessary to operate and maintain district and cooperative offices, including personal services in the District of Columbia and elsewhere, rent outside of the District of Columbia, traveling and subsistence expenses of officers and employees, purchase of furniture and equipment, stationery and supplies, typewriting, adding, and computing machines, accessories, and repairs, purchase of maps, books of reference and periodicals, reports, documents, plans, specifications, manuscripts, not exceeding [$400] *$800* for newspapers, both foreign and domestic, for which payment may be made in advance, and all other publications necessary for the promotion of the commercial interests of the United States, and all other incidental expenses not included in the foregoing [$435,000] *$495,000*, of which amount not to exceed [$20,000] *$21,500* may be expended for personal services in the District of Columbia: *Provided*, That the Secretary of Commerce may require as a condition for the opening of a new office or the continuation of an existing office that commercial organizations in the district affected provide suitable quarters without cost to the Government or at rentals at lower than prevailing rates. The Secretary may, at his discretion, refuse to open a new office or continue an existing office where such assistance from local commercial organizations is not provided (*U. S. C., p. 60, secs. 591, 596, 597; p. 370, secs. 171–194; act Feb. 24, 1927, vol. 44, pp. 1201, 1202*)..... $495,000.00 $435,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

District and Cooperative Office Service, Department of Commerce—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Clerical, administrative, and fiscal service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 11, $3,800 to $5,000; average, $4,400—						
Administrative officer (chief of division)	1	$4,400	1	$4,400	1	$3,800
Grade 7, $2,400 to $3,000; average, $2,700—						
Assistant business specialist	1	2,800	1	2,800	0.8	2,400
Grade 5, $1,860 to $2,400; average, $2,100—						
Business assistant	1	2,100	1	2,100	1	1,860
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk-stenographer	3	1,686	3	1,686	3	1,510
Grade 1, $1,140 to $1,500; average, $1,320—						
Junior clerk-typist	4	1,500	3	1,500	3	1,413
Custodial service—						
Grade 2, $900 to $1,140; average, $1,020—						
Assistant messenger	1	1,140	1	1,140	0.7	1,006
Total average number of employees	11		10		8.6	
Total salaries, departmental service		21,500		20,000		14,728
The difference between 1929 and 1928 is due to increase in force, $1,500.						
Field service:						
Salaries and wages—						
Salary range, $5,200 to $6,000; average, $5,600—						
District manager	3	5,800	3	5,800	3	5,767
Salary range, $3,800 to $5,000; average, $4,400—						
District manager	17	4,550	15	4,550	10.2	4,674
Assistant district manager					0.3	4,000
Salary range, $3,300 to $3,900; average, $3,600—						
District manager	5	3,700	5	3,700	2	3,600
Assistant district manager	2	3,400	2	3,400	1	3,400
Salary range, $3,000 to $3,600; average, $3,300—						
Assistant district manager	8	3,300	8	3,300	5.5	3,070
Salary range, $2,400 to $3,000; average, $2,700—						
Assistant district manager	5	2,700	5	2,700	3	2,710
Commercial agent	12	2,400	11	2,400	9	2,420
Salary range, $1,860 to $2,400; average, $2,100—						
Commercial agent	20	2,100	18	2,100	15	2,113
Salary range, $1,680 to $2,040; average, $1,860—						
Clerk	8	1,805	8	1,805	8	1,800
Salary range, $1,500 to $1,860; average, $1,680—						
Clerk	12	1,680	12	1,680	10.5	1,682
Salary range, $1,320 to $1,680; average, $1,500—						
Clerk	48	1,500	48	1,500	47.5	1,500
Salary range, $1,140 to $1,500; average, $1,320—						
Clerk	19	1,260	9	1,260	8.5	1,246
Salary range, $1,020 to $1,200; average, $1,140—						
Messenger	1	1,230	1	1,230	1	1,230
Salary range, $900 to $1,140; average, $1,020—						
Messenger	4	1,015	3	1,020	2.7	1,050
Salary range, $660 to $780; average, $690—						
Messenger	3	650	3	650	2.4	630
Total average number of employees	167		151		129.6	
Total salaries, field service		368,200		339,160		263,609
The difference between 1929 and 1928 is due to increase in force, $29,040.						
01 Total personal services		389,700		359,160		278,337
Supplies and materials:						
02011 Printed forms and letterheads		4,250.00		2,000.00		1,577.43
02012 Other stationery		350.00		250.00		19.70
0202 Sundry office supplies		2,660.00		1,000.00		889.04
02222 Periodicals, trade journals		3,000.00		1,300.00		503.87
02223 Reference books		2,500.00		1,000.00		1,100.26
02 Total supplies and materials		12,760.00		6,550.00		4,090.30
Communication service:						
0501 To Washington						11.37
0504 Local telegrams		6,300.00		3,000.00		1,960.56
0510 Telephone service		13,500.00		10,500.00		7,152.65
0520 Postage		250.00		250.00		70.96
05 Total communication service		20,050.00		13,750.00		9,195.54
Travel expenses:						
0601 Transportation		17,500.00		12,000.00		9,822.03
0630 Subsistence and other expenses		15,000.00		10,000.00		5,546.27
06 Total travel expenses		32,500.00		22,000.00		15,368.30
07 Freight and drayage		4,800.00		4,000.00		2,625.94
10 Furnishing of heat, light, water, etc		500.00		500.00		238.33
Rents:						
1101 Office buildings		14,780.00		14,780.00		14,022.18
1115 Furniture and equipment		100.00		100.00		5.00
11 Total rents		14,880.00		14,880.00		14,027.18
12 Repairs and alterations		550.00		500.00		251.44
13 Special and miscellaneous current expenses		3,760.00		1,660.00		391.18
30 Furniture, furnishings, and equipment		15,500.00		11,000.00		4,280.60
				433,000.00		328,805.23
Reserve				2,000.00		
Unobligated balance						1,194.77
Total		495,000.00		435,000.00		330,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Enforcement of the China Trade Act—		
Enforcement of the China Trade Act: To carry out the provisions of the act entitled "China Trade Act, 1922," including personal services in the District of Columbia and elsewhere, traveling and subsistence expenses of officers and employees, purchase of furniture and equipment, stationery and supplies, typewriting, adding and computing machines, accessories and repairs, purchase of books of reference and periodicals, reports, documents, plans, specifications, maps, manuscripts, and all other publications; rent outside the District of Columbia, ice and drinking water for office purposes, and all necessary expenses not included in the foregoing, $30,000, of which amount not to exceed $10,820 may be expended for personal services in the District of Columbia: *Provided*, That payment in advance for telephone and other similar services under this appropriation is hereby authorized (*U. S. C., p. 60, secs. 591, 596, 597; p. 367, secs. 141–162; act Feb. 24, 1927, vol. 44, p. 1202*)	$30,000.00	$30,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Clerical, administrative, and fiscal service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 12, $5,200 to $6,000; average, $5,600—						
Chief business specialist (chief of division)	1	$5,600	1	$5,600	1	$5,915
Grade 9, $3,000 to $3,600; average, $3,300—						
Senior administrative assistant	1	3,400	1	3,400	0.6	3,300
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	1	1,820	1	1,820	1	1,920
Total average number of employees	3		3		2.6	
Total salaries, departmental service		10,820		10,820		10,208
Field service:						
Salaries and wages—						
Salary range, $5,200 to $6,000; average, $5,600—						
Registrar	1	5,500	1	5,500	0.5	5,500
Salary range, $3,800 to $5,000; average, $4,400—						
Assistant trade commissioner	1	4,000	1	4,000	1	4,000
Salary range, $3,000 to $3,900; average, $3,600—						
Assistant trade commissioner					0.3	3,700
Total average number employees	2		2		1.8	
Total salaries, field service		9,500		9,500		8,012
Local employees		2,500		2,500		1,901
Total salaries and wages		12,000		12,000		9,913
01 Total personal services		22,820		22,820		20,121
Supplies and materials:						
02011 Printed forms and letterheads		250.00		250.00		
02012 Other stationery		100.00		100.00		114.77
02222 Periodicals, trade journals		150.00		150.00		50.43
02223 Reference books		200.00		200.00		
02 Total supplies and materials		700.00		700.00		165.20
Communication service:						
0501 To Washington		500.00		500.00		257.60
0502 From Washington		300.00		300.00		110.75
0504 Local telegrams		50.00		50.00		3.62
0510 Telephone service		50.00		50.00		3.15
05 Total communication service		900.00		900.00		375.12
Travel expenses:						
0601 Transportation		450.00		250.00		158.16
0630 Subsistence and other expenses		300.00		200.00		139.53
06 Total travel expenses		750.00		450.00		297.69
11 Rent of office buildings		2,000.00		1,800.00		1,620.23
13 Special and miscellaneous current expenses		830.00		330.00		
30 Furniture, furnishings, and equipment		2,000.00		1,000.00		325.35
				28,000.00		22,905.85
Reserve				2,000.00		
Unobligated balance						7,094.15
Total		30,000.00		30,000.00		30,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Export Industries, Department of Commerce—		
Export industries: To enable the Bureau of Foreign and Domestic Commerce to investigate and report on domestic as well as foreign problems relating to the production, distribution, and marketing, in so far as they relate to the important export industries of the United States, including personal services in the District of Columbia not to exceed [$613,000] *$618,940*, traveling and subsistence expenses of officers and employees, purchase of furniture and equipment, stationery and supplies, typewriting, adding and computing machines, accessories and repairs, books of reference and periodicals, reports, documents, plans, specifications, manuscripts, and all other publications; rent outside the District of Columbia, and all other incidental expenses connected therewith (*U. S. C., p. 60, sees. 591, 596, 597; p. 370, sees. 171–194; act Feb. 24, 1927, vol. 44, pp. 1203, 1204*)	$875,000.00	$810,440.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 5, $5,200 to $6,000; average, $5,600—						
Senior economic analyst (chief of division)	4	$5,600	4	$5,600	3.7	$5,522
Grade 4, $3,800 to $5,000; average, $4,400—						
Economic analyst	1	4,000	1	4,000	1	3,800
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate economic analyst	2	3,300	2	3,300	1.3	3,315
Clerical, administrative, and fiscal service—						
Grade 12, $5,200 to $6,000; average, $5,600—						
Senior administrative officer (assistant director)	1	6,000	1	6,000	1	5,800
Chief business specialist (chief of division)	8	5,700	8	5,700	8	5,662
Grade 11, $3,800 to $5,000; average, $4,400—						
Assistant chief business specialist	14	4,500	14	4,500	14.3	4,439
Grade 10, $3,300 to $3,900; average, $3,600—						
Junior administrative officer	3	3,500	3	3,500	3	3,493
Grade 9, $3,000 to $3,600; average, $3,300—						
Business specialist	15	3,300	13	3,300	12.5	3,155
Grade 7, $2,400 to $3,000; average, $2,700—						
Assistant business specialist	21	2,600	21	2,600	21	2,577
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	7	2,400	8	2,400	7	2,326
Grade 5, $1,860 to $2,400; average, $2,100—						
Senior clerk	8	2,200	8	2,200	7	2,187
Business assistant	20	2,100	20	2,100	20	2,034
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk-stenographer	2	1,860	2	1,860	1	1,860
Clerk	30	1,800	30	1,800	28	1,744
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	31	1,650	31	1,650	31	1,642
Assistant clerk-stenographer	15	1,640	15	1,640	15	1,624
Senior operator, office devices	1	1,560	1	1,560	1	1,500
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	20	1,521	20	1,521	20	1,511
Junior stenographer	26	1,500	26	1,500	24	1,456
Junior clerk-typist	12	1,500	10	1,500	8	1,536
Junior clerk-stenographer	8	1,500	8	1,500	6.5	1,512
Junior operator, office devices	3	1,340	3	1,340	1	1,433
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	6	1,260	7	1,260	5	1,241
Junior clerk-typist	5	1,320	5	1,320	3.3	1,329
Underclerk-typist	3	1,260	3	1,260	2.3	1,230
Underoperator, office devices	5	1,322	5	1,322	3.3	1,315
Custodial service—						
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger	6	1,140	6	1,140	4	1,182
Grade 2, $900 to $1,140; average, $1,020—						
Assistant messenger	4	1,020	4	1,020	2.7	1,030
Grade 1, $600 to $780; average, $690—						
Junior messenger	10	640	10	640	8.1	628
Total average number of employees	291		289		264	
Total salaries, departmental service		618,940		613,000		559,701
The difference between 1929 and 1928 is due to increase in force, $5,940.						
Field service:						
Salaries and wages—						
Salary range, $5,200 to $6,000; average, $5,600—						
Trade commissioner	10	5,420	10	5,420		
Salary range, $3,800 to $5,000; average, $4,400—						
Trade commissioner	6	4,600	5	4,600	2	4,137
Salary range, $3,300 to $3,900; average, $3,600—						
Assistant trade commissioner	5	3,433	3	3,433	2	3,300
Salary range, $3,000 to $3,600; average, $3,300—						
Assistant trade commissioner	2	3,000	2	3,000		
Salary range, $2,400 to $3,000; average, $2,700—						
Clerk	3	2,500	2	2,500		
Total average number of employees	26		22		4	
Total salaries, field service		112,500		98,500		14,874
Local employees		16,000		12,000		4,300
Total salaries and wages		130,500		110,500		19,174
The difference between 1929 and 1928 is due to increase in force, $20,000.						
01 Total personal services		749,440		723,500		578,875

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Export Industries, Department of Commerce—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Supplies and materials:			
02011	Printed forms and letterheads	$1,750.00	$1,000.00	
02012	Other stationery	500.00	500.00	
0202	Sundry office supplies	750.00	500.00	$7.65
02222	Periodicals, trade journals	2,000.00	1,250.00	1,011.73
02223	Reference books	500.00	500.00	19.04
02	Total supplies and materials	5,500.00	3,750.00	1,038.42
	Communication service:			
0501	To Washington	10,500.00	8,000.00	4,653.84
0502	From Washington	5,500.00	3,000.00	1,012.34
0504	Local telegrams	3,250.00	3,000.00	1,800.10
0510	Telephone service	1,250.00	500.00	16.74
0520	Postage	1,000.00	400.00	51.39
05	Total communication service	21,500.00	14,900.00	7,534.41
	Travel expenses:			
0601	Transportation	46,500.00	30,000.00	18,688.81
0630	Subsistence and other expenses	33,860.00	25,000.00	16,291.83
06	Total travel expenses	80,360.00	55,000.00	34,980.64
07	Freight and drayage	750.00	500.00	46.18
	Furnishing of heat, light, water, etc.:			
1010	Light	200.00	200.00	
1040	Water rent			
10	Total furnishing of heat, light, water, etc	200.00	200.00	
	Rents:			
1101	Office buildings	6,000.00	3,000.00	
1115	Rent of furniture and equipment	400.00	250.00	
11	Total rents	6,400.00	3,250.00	
13	Special and miscellaneous current expenses	2,670.00	1,340.00	15.79
30	Furniture, furnishings, and equipment	8,180.00	5,000.00	
			807,440.00	618,020.41
	Reserve		3,000.00	
	Unobligated balance			1,819.59
	Total	875,000.00	810,440.00	620,440.00

Domestic Commerce, Department of Commerce—

Domestic commerce and raw-materials investigations: For all expenses, including personal services in the District of Columbia and elsewhere, purchase of books of reference and periodicals, furniture and equipment, stationery and supplies, typewriting, adding, and computing machines, accessories and repairs, medical supplies and first-aid outfits, reports, documents, plans, specifications, manuscripts, maps, and all other publications, rent outside of the District of Columbia, traveling and subsistence expenses of officers and employees, and all other incidental expenses not included in the foregoing, to enable the Bureau of Foreign and Domestic Commerce to collect and compile information regarding the disposition and handling of raw materials and manufactures within the United States; and to investigate the conditions of production and marketing of foreign raw materials essential for American industries [$199,160] *$255,000*, of which amount not to exceed [$116,480] *$121,520* may be expended for personal services in the District of Columbia (*U. S. C., p. 60, secs. 591, 596, 597; p. 370, secs. 171–194; act Feb. 24, 1927, vol. 44, p. 1203*) $255,000.00 $199,160.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 5, $5,200 to $6,000; average, $5,600—						
Senior economic analyst (assistant director)	1	$5,600	1	$5,600	0.3	$5,600
Clerical, administrative, and fiscal service—						
Grade 12, $5,200 to $6,000; average, $5,600—						
Chief business specialist (chief of division)	1	5,400	1	5,400	1.5	5,560
Grade 11, $3,800 to $5,000; average, $4,400—						
Assistant chief business specialist	1	5,000	1	5,000	1.2	4,652
Grade 10, $3,300 to $3,900; average, $3,600—						
Senior editor	1	3,600	1	3,600	1	3,600
Junior administrative officer	1	3,400	1	3,400	1	3,300
Grade 7, $2,400 to $3,000; average, $2,700—						
Assistant business specialist	4	2,500	2	2,500	1.7	2,552
Assistant editor	2	2,500	2	2,500	2	2,568

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Domestic Commerce, Department of Commerce—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service—Continued.						
Salaries—Continued.						
Clerical, administrative, and fiscal service—Con.	*Average—*		*Average—*		*Average—*	
Grade 6, $2,100 to $2,700; average, $2,400—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Principal clerk	2	$2,700	2	$2,700	1	$2,600
Grade 5, $1,860 to $2,400; average, $2,100—						
Senior clerk	5	2,100	5	2,100	5	1,970
Business assistant	3	2,110	3	2,050	2.5	2,010
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	7	1,860	7	1,860	6	1,846
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	2	1,640	3	1,640	3	1,626
Assistant clerk-stenographer	3	1,680	3.5	1,680	3	1,730
Grade 2, $1,320 to $1,680; average, $1,500—						
Senior typist	9	1,440	9	1,440	8	1,440
Junior stenographer	8	1,500	6	1,500	5.6	1,524
Grade 1, $1,140 to $1,500; average, $1,320—						
Junior clerk	2	1,320	2.5	1,320	3	1,223
Junior typist	2	1,260	2	1,260	1.7	1,230
Custodial service—						
Grade 7, $1,680 to $2,040; average, $1,860—						
Senior mechanic	1	1,800	1	1,800	1	1,800
Grade 6, $1,500 to $1,860; average, $1,680—						
Mechanic	1	1,500	1	1,500	1	1,500
Grade 4, $1,140 to $1,500; average, $1,320—						
Undermechanic	1	1,320	1	1,320	1	1,260
Grade 2, $900 to $1,140; average, $1,020—						
Assistant messenger	4	960	4	960	4	966
Grade 1, $600 to $780; average, $690—						
Junior messenger	2	690	2	690	1.7	692
Total average number of employees	63		61		56.2	
Total salaries, departmental service		121,520		116,480		108,048
The difference between 1929 and 1928 is due to increase in force, $5,040.						
Field service:						
Salaries and wages—						
Salary range, $3,800 to $5,000; average, $4,400—						
Assistant chief business specialist	9	4,000	7	4,000	5.5	4,085
Salary range, $3,000 to $3,600; average, $3,300—						
Business specialist	7	3,300	4	3,300	2.3	3,303
Salary range, $1,860 to $2,400; average, $2,100—						
Business assistant	5	2,200	2	2,290	2	2,144
Salary range, $1,320 to $1,680; average, $1,500—						
Junior clerk-stenographer	6	1,550	2	1,550	2.5	1,576
Total average number of employees	27		15		12.3	
Total salaries, field service		79,170		48,700		38,785
The difference between 1929 and 1928 is due to increase in force, $30,470.						
01 Total personal services		200,690		165,180		146,833
Supplies and materials:						
02011 Printed forms and letterheads		150.00		100.00		
02012 Other stationery		100.00		100.00		
0202 Sundry office supplies		400.00		250.00		11.73
02222 Periodicals, trade journals		500.00		400.00		
02223 Reference books		400.00		400.00		19.20
0230 Fuel						
02 Total supplies and materials		1,550.00		1,250.00		30.93
Communication service:						
0501 To Washington						
0502 From Washington						
0504 Local telegrams		2,750.00		1,000.00		90.32
0510 Telephone service		450.00		400.00		199.20
0520 Postage						
05 Total communication service		3,200.00		1,400.00		289.52
Travel expenses:						
0601 Transportation		23,500.00		14,000.00		6,126.35
0630 Subsistence and other expenses		20,680.00		13,000.00		11,363.06
06 Total travel expenses		44,180.00		27,000.00		17,489.41
07 Freight and drayage		130.00		130.00		110.56
13 Special and miscellaneous current expenses		1,250.00		1,200.00		.50
30 Furniture, furnishings, and equipment		4,000.00		1,000.00		
				197,160.00		164,732.92
Reserve				2,000.00		
Unobligated balance						267.08
Total		255,000.00		199,160.00		165,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Compiling Foreign Trade Statistics, Department of Commerce—		
Customs statistics: For all expenses necessary for the operation of the section of customs statistics transferred to the Department of Commerce from the Treasury Department by the act approved January 5, 1923, including personal services in the District of Columbia and elsewhere; rent of or purchase of tabulating, punching, sorting, and other mechanical labor-saving machinery or devices, including adding, typewriting, billing, computing, mimeographing, multigraphing, photostat, and other duplicating machines and devices, including their exchange and repair; telegraph and telephone service; subsistence and traveling expenses of officers and employees while traveling on official business; freight, express, drayage; tabulating cards, stationery, and miscellaneous office supplies; books of reference and periodicals; furniture and equipment; ice, water, heat, light, and power; street-car fare; and all other necessary and incidental expenses not included in the foregoing, $335,000, of which amount not to exceed $30,000 may be expended for personal services in the District of Columbia (*U. S. C., p. 60, secs. 591, 596, 597; p. 373, sec. 194; act Feb. 24, 1927, vol. 44, p. 1203*)	$335,000.00	$335,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Clerical, administrative, and fiscal service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 5, $1,860 to $2,400; average, $2,100—						
Senior clerk	3	$2,100	3	$2,100	2.3	$2,030
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	5	1,680	5	1,680	5	1,605
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	5	1,500	5	1,500	6	1,490
Junior clerk-stenographer	1	1,440	1	1,440		
Total average number of employees	14		14		13.3	
Total salaries, departmental service		23,640.00		23,640.00		21,637.00
Field service:						
Salaries and wages—						
Salary range, $3,800 to $5,000; average, $4,400—						
Chief of division	1	4,400	1	4,400	1	4,200
Salary range, $3,000 to $3,600; average, $3,300—						
Assistant chief of division	1	3,500	1	3,500	1	3,400
Salary range, $2,100 to $2,700; average, $2,400—						
Clerk	5	2,440	5	2,450	5	2,449
Salary range, $1,860 to $2,400; average, $2,100—						
Clerk	17	2,050	16	2,050	16	2,026
Salary range, $1,500 to $1,860; average, $1,680—						
Clerk	50	1,690	50	1,690	50	1,687
Salary range, $1,320 to $1,680; average, $1,500—						
Clerk	44	1,500	43.7	1,500	45	1,500
Salary range, $1,140 to $1,500; average, $1,320—						
Clerk	26	1,320	26	1,320	26	1,315
Salary range, $1,020 to $1,260; average, $1,140—						
Clerk	21	1,140	21	1,160	20	1,161
Total average number of employees	165		163.7		164	
Total salaries, field service		263,940		261,940		261,436
The difference between 1929 and 1928 is due to increase in force, $2,000.						
01 Total personal services		287,580		285,580		283,073
Supplies and materials:						
0201 1 Printed forms and letterheads		750.00		600.00		668.81
0202 Tabulating cards		18,500.00		20,000.00		20,476.16
02 Total supplies and materials		19,250.00		20,600.00		21,144.97
Communication service:						
0504 Local telegrams		200.00		200.00		225.88
0510 Telephone service		175.00		175.00		186.30
0520 Postage		10.00		10.00		5.10
05 Total communication service		385.00		385.00		417.28
Travel expenses:						
0601 Transportation		400.00		400.00		404.91
0630 Subsistance and other expenses		400.00		400.00		568.80
06 Total travel expenses		800.00		800.00		973.71
07 Freight and drayage		350.00		350.00		371.30
11 Rents (tabulating machines)		25,000.00		26,450.00		26,417.53
12 Repairs and alterations		385.00		200.00		316.97
13 Special and miscellaneous current expenses		50.00		35.00		46.00
30 Furniture, furnishings, and equipment		1,200.00		600.00		1,756.03
						334,517.43
Unobligated balance						482.57
Total		335,000.00		335,000.00		335,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Lists of Foreign Buyers—		
Lists of foreign buyers: For all necessary expenses, including personal services in the District of Columbia and elsewhere, purchase of furniture and equipment, stationery and supplies, typewriting, adding, and computing machines, accessories and repairs, lists of foreign buyers, books of reference, periodicals, reports, documents, plans, specifications, rent outside of the District of Columbia, traveling and subsistence expenses of officers and employees, and all other incidental expenses not included in the foregoing, to enable the Bureau of Foreign and Domestic Commerce to collect and compile lists of foreign buyers, [$30,000] *$45,000*, of which amount not to exceed [$24,520] *$34,640* may be expended for personal services in the District of Columbia: *Provided*, That the Secretary of Commerce may make such charges as he deems reasonable for lists of foreign buyers, special statistical services, special commodity news bulletins, and World Trade Directory Reports, and the amounts collected therefrom shall be deposited in the Treasury as "Miscellaneous receipts" (*U. S. C., p. 60, secs. 591, 596, 597; p. 370, secs. 171–194; act Feb. 24, 1927, vol. 44, pp. 1203, 1204*)	$45,000.00	$30,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Clerical, administrative, and fiscal service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 12, $5,260 to $6,000; average, $5,600—						
Chief business specialist (chief of division)					0.3	$5,200
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	2	$2,400	1	$2,400	1	2,400
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	10	1,680	10	1,680	6	1,615
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk-stenographer	8	1,520	3.5	1,520	3.5	1,500
Senior typist	1	1,320				
Total average number of employees	21		14.5		10.8	
Total salaries, departmental service		34,640		24,520		18,555
The difference between 1929 and 1928 is due to increase in force, $10,120.						
Field service:						
Salaries—						
Salary range, $3,000 to $3,600; average, $3,300—						
Assistant trade commissioner	2	3,000	1	3,000		
Total employees	2		1			
Total salaries		6,000		3,000		
The difference between 1929 and 1928 is due to decrease in force, $3,000.						
01 Total personal services		40,640		27,520		18,555
Communication service:						
0501 To Washington		860.00		280.00		
0504 Local telegrams						2.21
05 Total communication service		860.00		280.00		2.21
Travel expenses:						
0601 Transportation		1,950.00		1,200.00		620.07
0630 Subsistence and other expenses		1,550.00		1,000.00		467.40
06 Total travel expenses		3,500.00		2,200.00		1,087.47
						19,644.89
Unobligated balance						355.11
Total		45,000.00		30,000.00		20,000.00

Investigation of Foreign Trade Restrictions—		
Investigation of foreign trade restrictions: For all necessary expenses, including personal services in the District of Columbia, and elsewhere, purchase of furniture and equipment, stationery and supplies, typewriting, adding, and computing machines, accessories and repairs, books of reference and periodicals, reports, documents, plans, specifications, manuscripts, and all other publications, rent outside of the District of Columbia, traveling and subsistence expenses of officers and employees, and all other incidental expenses not included in the foregoing, to enable the Bureau of Foreign and Domestic Commerce to collect and compile information regarding the restrictions and regulations of trade imposed by foreign countries, [$35,000] *$50,000*, of which amount not to exceed [$34,000] *$49,000* may be expended for personal services in the District of Columbia (*U. S. C., p. 60, secs. 591, 596, 597; p. 370, secs. 171–194; act Feb. 24, 1927, vol. 44, pp. 1203, 1204*)	50,000.00	35,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Investigation of Foreign Trade Restrictions—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
Grade 5, $5,200 to $6,000; average, $5,600—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Senior economic analyst (chief of division)	1	$5,600	1	$5,600	1.6	$5,323
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate economic analyst	1	3,000	1	3,000	0.8	3,000
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant economic analyst	2	2,800	1	2,800	1	2,550
Clerical, administrative, and fiscal service—						
Grade 9, $3,000 to $3,600; average, $3,300—						
Senior administrative assistant					0.3	3,300
Grade 7, $2,400 to $3,000; average, $2,700—						
Assistant business specialist	3	2,700	1	2,700	1.5	2,500
Grade 5, $1,860 to $2,400; average, $2,100—						
Senior clerk	2	2,125	2	2,100	1.4	2,050
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	5	1,860	3	1,860	1.7	1,800
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk-stenographer	2	1,685	2	1,685	1.3	1,660
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk-stenographer	5	1,500	2.5	1,500	1.5	1,519
Junior clerk-typist	2	1,500	2	1,500	1.5	1,519
Total average number of employees	23		15.5		12.6	
01 Total salaries, departmental service		49,000.00		34,000.00		30,403.00
The difference between 1929 and 1928 is due to increase in force, $15,000.						
02 Supplies and materials						104.19
05 Communication service (telegrams)						31.36
Travel expenses:						
0601 Transportation		600.00		600.00		2,310.51
0630 Subsistence and other expenses		400.00		400.00		2,090.97
06 Total travel expenses		1,000.00		1,000.00		4,401.48
13 Special and miscellaneous current expenses						16.76
						34,957.59
Unobligated balance						42.41
Total		50,000.00		35,000.00		35,000.00

Transportation and Interment of Remains of Officers and Employees, Bureau of Foreign and Domestic Commerce—

Transportation and interment of remains of officers and employees: For defraying the expenses of transporting remains of officers and employees of the Bureau of Foreign and Domestic Commerce who may die abroad or in transit, while in the discharge of their official duties, to their former homes in this country for interment, and for the ordinary expenses of such interment at their post or at home (*U. S. C., p. 60, secs. 591, 596, 597; p. 370, secs. 171–194; act Feb. 24, 1927, vol. 44, p. 1204*) ..... $1,500.00 | $1,500.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
0770 Transportation of corpses	$1,000	$1,000	
2250 Burial expenses	500	500	
Total	1,500	1,500	

Transportation of Families and Effects of Officers and Employees, Bureau of Foreign and Domestic Commerce—

Transporation of families and effects of officers and employees: To pay the itemized and verified statements of the actual and necessary expenses of transportation and subsistence, under such regulations as the Secretary of Commerce may prescribe, of families and effects of officers and employees of the Bureau of Foreign and Domestic Commerce in going to and returning from their posts, or when traveling under the order of the Secretary of Commerce, [but not including any expenses incurred in connection with leave of absence of the officers and employees of the Bureau of Foreign and Domestic Commerce, $35,000] *$50,000*: *Provided*, That no part of said sum shall be paid for transportation on foreign vessels without a certificate from the Secretary of Commerce that there are no American vessels on which such officers and clerks may be transported at rates not in excess of those charged by foreign vessels (*U. S. C., p. 60, secs. 591, 596, 597; p. 370, secs. 171–194; act Feb. 24, 1927, vol. 44, p. 1204*) ..... 50,000.00 | 35,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Transportation of Families and Effects of Officers and Employees, Bureau of Foreign and Domestic Commerce—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Travel expenses:			
0601 Transportation	$38,500.00	$28,000.00	$27,029.41
0630 Subsistence and other expenses	6,500.00	5,000.00	5,080.19
06 Total travel expenses	45,000.00	33,000.00	32,109.60
07 Freight and drayage	5,000.00	2,000.00	2,890.40
Total	50,000.00	35,000.00	35,000.00

Appropriations herein made for the Bureau of Foreign and Domestic Commerce shall be available for expenses of attendance at meetings concerned with the promotion of foreign and domestic commerce, or either, *and also expenses of illustrating the work of the bureau by showing of maps, charts, and graphs at such meetings*, when incurred on the written authority of the Secretary of Commerce (*act Apr. 29, 1926, vol. 44, p. 353*).

Total, Bureau of Foreign and Domestic Commerce ..... $4,162,357.00 | $3,711,957.00

BUREAU OF THE CENSUS

Salaries, Bureau of the Census—

Salaries: For the director and other personal services in the District of Columbia in accordance with the classification act of 1923 (*U. S. C., p. 329, secs. 1–6; p. 60, secs. 591, 596, 597; act Feb. 24, 1927, vol. 44, p. 1204*) ..... 1,010,000.00 | 1,000,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Clerical, administrative and fiscal service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 13, $6,000 to $7,500; average, $6,750—						
Executive officer (director)	1	$7,500	1	$7,500	1	$7,000
Grade 12, $5,200 to $6,000; average, $5,600—						
Senior administrative officer (chief statistician)	4	5,200	4	5,200		
Grade 11, $3,800 to $5,000; average, $4,400—						
Administrative officer (chief clerk, geographer)	2	4,400	2	4,400	6	4,283
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant (chief of division)	12	2,600	12	2,558	6.5	2,642
Assistant editor	1	2,900	1	2,900	1	2,800
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	17	2,441	17	2,441	20.9	2,364
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	66	2,058	66	2,058	57.7	2,062
Senior clerk-stenographer	4	2,275	4	2,275	4	2,225
Senior office draftsman	1	1,920	1	1,860	0.3	1,860
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	94	1,847	94	1,820	96.7	1,815
Clerk-stenographer	5	1,800	5	1,800	4.9	1,802
Head operator, office devices	1	1,800	1	1,800	1	1,770
Office draftsman	4	1,800	4	1,710	3.4	1,753
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	137	1,641	137	1,628	141.8	1,615
Assistant clerk-stenographer	8	1,620	8	1,598	6.5	1,584
Senior operator, office devices	2	1,620	2	1,620	2.3	1,577
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	114	1,439	114	1,416	100.6	1,430
Senior typist	2	1,440	2	1,380	2	1,410
Junior stenographer	11	1,462	11	1,462	11.4	1,436
Junior clerk-typist	10	1,440	10	1,428	8.6	1,424
Junior clerk-stenographer	10	1,440	10	1,440	13.4	1,437
Junior operator, office devices	17	1,486	17	1,486	16.4	1,469
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	17	1,320	17	1,278	20.1	1,287
Underclerk-typist	2	1,310	2	1,290	4.3	1,299
Underoperator, office devices	18	1,299	18	1,243	17.6	1,220
Professional service—						
Grade 5, $5,200 to $6,000; average, $5,600—						
Senior economic analyst	1	5,200	1	5,200	1	4,400
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant economic analyst	1	2,800	1	2,800	1	2,800
Subprofessional service—						
Grade 4, $1,500 to $1,860; average, $1,680—						
Nurse	1	1,560	1	1,560	1	1,560
Grade 3, $1,320 to $1,680; average, $1,500—						
Under library assistant	1	1,320	1	1,320	0.1	1,320
Custodial service—						
Grade 6, $1,500 to $1,860; average, $1,680—						
Mechanic	1	1,740	1	1,740	1	1,680

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries, Bureau of the Census—Continued.

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service—Continued.							
Salaries—Continued.							
Custodial service—Continued.		*Average—*		*Average—*		*Average—*	
Grade 3, $1,020 to $1,260; average, $1,140—		*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Messenger		11	$1,124	11	$1,124	10.3	$1,130
Senior laborer		1	1,140	1	1,140	1.4	1,084
Minor mechanic		2	1,260	2	1,260	2	1,260
Grade 2, $900 to $1,140; average, $1,020—							
Assistant messenger		2	930	2	930	1.3	923
Junior laborer		3	1,000	3	1,000	3	970
Grade 1, $600 to $780; average, $690—							
Junior messenger		3	630	3	630	2.3	613
Total number of employees		587		587		572.8	
01 Total salaries, departmental service			1,010,000		1,000,000		968,171
Unobligated balance							24,829
Total			1,010,000		1,000,000		993,000

Collecting Statistics, Bureau of the Census—

Collecting statistics: For securing information for census reports, provided for by law, semimonthly reports of cotton production, periodical reports of stocks of baled cotton in the United States and of the domestic and foreign consumption of cotton; quarterly reports of tobacco; per diem compensation of special agents and expenses of same and of detailed employees, whether employed in Washington, District of Columbia, or elsewhere; the cost of transcribing State, municipal, and other records; temporary rental of quarters outside of the District of Columbia; for supervising special agents, and employment by them of such temporary service as may be necessary in collecting the statistics required by law, including $15,000 for collecting tobacco statistics authorized by law in addition to any other fund available therefor, and including not to exceed $5,000 for the employment by contract of personal services for the preparation of monographs on census subjects: *Provided*, That the compensation of not to exceed ten special agents provided for in this paragraph may be fixed at a rate not to exceed $8 per day, [$1,049,760] *$875,000*, of which amount not to exceed $350,000 may be expended for personal services in the District of Columbia, including temporary employees who may be appointed under the civil-service rules at per diem rates to be fixed by the Director of the Census without regard to the provisions of the classification act, for the purpose of assisting in periodical inquiries: *Provided*, That temporary employees of the Bureau of the Census may be allowed leave of absence with pay at the rate of two and one-half days a month (*U. S. C., p. 329, secs. 1–6; p. 60, secs. 591, 596, 597; p. 330, sec. 21; act Feb. 24, 1927, vol. 44, p. 1204*) $875,000.00 $1,049,760.00

Appropriations herein made for the Bureau of the Census shall be available in an amount not to exceed [$1,000] *$2,000* for expenses of attendance at meetings concerned with the collection of statistics, when incurred on the written authority of the Secretary of Commerce.

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:							
Salaries—							
Professional service—							
Grade 5, $5,200 to $6,000; average, $5,600—		*Average—*		*Average—*		*Average—*	
Senior economic analyst (assistant to director; editor Current Business)		*No.* 2	*Salary* $5,400	*No.* 2	*Salary* $5,400	*No.* 1.9	*Salary* $5,495
Grade 4, $3,800 to $5,000; average, $4,400—							
Economic analyst						0.5	3,800
Grade 3, $3,000 to $3,600; average, $3,300—							
Associate economic analyst		1	3,300	1	3,300	1	3,300
Associate attorney						0.5	3,300
Grade 2, $2,400 to $3,000; average, $2,700—							
Assistant economic analyst		3	2,433	3	2,433	3	2,417
Clerical, administrative, and fiscal service—							
Grade 11, $3,800 to $5,000; average, $4,400—							
Administrative officer		1	4,400	1	4,400	1	4,100
Grade 10, $3,300 to $3,900; average, $3,600—							
Junior administrative officer		1	3,500	1	3,500	0.5	3,400
Grade 9, $3,000 to $3,600; average, $3,300—							
Senior administrative assistant		20	3,270	20	3,270	19.9	3,221
Grade 8, $2,700 to $3,300; average, $3,000—							
Administrative assistant		3	3,000	3	3,000	3	3,000
Associate editor		1	3,000	1	3,000	1	3,000
Grade 7, $2,400 to $3,000; average, $2,700—							
Junior administrative assistant		1	2,400	1	2,400	0.3	2,700

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amoun required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Collecting Statistics, Bureau of the Census—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service—Continued.						
Salaries—Continued.						
Clerical, administrative, and fiscal service—Con.	*Average—*		*Average—*		*Average—*	
Grade 6, $2,100 to $2,700; average, $2,400—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Principal clerk	17	$2,218	17	$2,218	18	$2,203
Transportation rate and traffic auditor					0.3	2,700
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	5	1,764	5	1,764	4.2	1,734
Clerk-stenographer	1	1,800	1	1,800	1	1,800
Office draftsman	1	1,740	1	1,740	1	1,740
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	17	1,581	17	1,581	17.8	1,560
Assistant clerk-stenographer	1	1,500	1	1,500	1	1,500
Senior operator, office devices	1	1,560	1	1,560	1	1,560
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	48	1,356	48	1,356	60.5	1,347
Junior stenographer	4	1,440	4	1,440	2	1,530
Junior clerk-typist	5	1,380	5	1,380	7.8	1,346
Junior clerk-stenographer	6	1,360	6	1,360	3	1,365
Junior operator, office devices	7	1,363	7	1,363	2.9	1,413
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	10	1,230	10	1,230	8.2	1,332
Underclerk-typist	29	1,142	29	1,142	53.9	1,142
Underoperator, office devices	7	1,209	7	1,209	4.9	1,207
Custodial service—						
Grade 2, $900 to $1,140; average, $1,020—						
Assistant messenger					1	900
Junior laborer	7	934	7	934	3.5	951
Grade 1, $600 to $780; average, $690—						
Junior messenger	1	600	1	600	0.3	600
Special agents—						
Experts	4	(1)	4	(1)	0.5	(1)
Temporary	10	(2)	10	(2)	1.8	(2)
Total average number of employees	214		214		227.2	
Total salaries, departmental service		350,000		350,000		380,645
Field service:						
Salaries and wages—						
Special agents, field	75	(3)	375	(3)	131	(4)
Transcripts of birth and death records (piece-price payments)		110,000		110,000		110,429
Transcripts of marriage and divorce records (piece-price payments)		17,000		17,000		18,287
Periodical reports of cotton (piece-price payments)		265,000		265,000		264,987
Total personal services, field		417,000		501,760		460,745
01 Total personal services		767,000		851,760		841,390
Communication service:						
0500 Telegraph service		10,000		10,000		12,768
0510 Telephone service		2,000		2,000		299
05 Total communication service		12,000		12,000		13,067
Travel expenses:						
0630 Per diem in lieu of subsistence		64,000		129,000		56,625
Other traveling expenses		31,000		53,000		17,124
06 Total traveling expenses		95,000		182,000		73,749
Transportation of things (service):						
0700 Freight						3
0730 Drayage						34
07 Total transportation of things (service)						37
11 Rent of buildings		1,000		4,000		312
						928,555
Unobligated balance						2,445
Total		875,000		1,049,760		931,000

[1] $6 to $8 per day.
[2] $3.62 to $5 per day (1 to 6 months).
[3] $4 to $6 per day (1 to 6 months).
[4] $4 to $6 per day and p. p. (1 to 3 months).

Tabulating Machines, Bureau of the Census—

Tabulating machines: For constructing tabulating machines, and repairs to such machinery and other mechanical appliances, including technical, [and] mechanical *and other* service in connection therewith, whether in the District of Columbia or elsewhere, and purchase of necessary machinery and supplies, [including complete card punch machines, $60,200] *$53,200*, of which not to exceed [$51,200] *$45,000* may be expended for personal services in the District of Columbia (*U. S. C., p. 329, secs. 1–6; p. 60, secs. 591, 596, 597; p. 330, sec. 21; act Feb. 24, 1927, vol. 44, p. 1205*)

$53,200.00 | $60,200.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Tabulating Machines, Bureau of the Census—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional service—	*Average—*		*Average—*		*Average—*	
Grade 5, $5,200 to $6,000; average, $5,600—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Senior economic analyst (expert in charge)	1	$5,200	1	$5,200		
Grade 4, $3,800 to $5,000; average, $4,400—						
Economic analyst (expert in charge)					1	$4,265
Subprofessional service—						
Grade 8, $2,400 to $3,000; average, $2,700—						
Principal laboratory mechanic (electrical)	1	2,800	1	2,800	0.5	2,684
Grade 7, $2,100 to $2,700; average, $2,400—						
Principal laboratory mechanic	1	2,500	1	2,500	1.5	2,355
Grade 6, $1,860 to $2,400; average, $2,111.42—						
Senior laboratory mechanic	5	2,124	5	2,124	3.3	2,256
Grade 5, $1,680 to $2,040; average, $1,860—						
Laboratory mechanic	5	1,884	5	1,884	3.7	1,979
Grade 4, $1,500 to $1,860; average, $1,680—						
Assistant laboratory mechanic	6	1,680	6	1,680	6	1,702
Grade 3, $1,320 to $1,680; average, $1,500—						
Junior laboratory mechanic	3	1,460	3	1,320		
Total number of employees	22		22		16	
01 Total salaries, departmental service		45,000		44,000		33,788
02 Supplies and materials		8,200		16,200		5,612
						39,400
Unobligated balance						10,600
Total		53,200		60,200		50,000

Fifteenth Decennial Census—

For salaries of employees in the District of Columbia and elsewhere, including temporary employees who may be appointed under the civil-service rules at per diem rates to be fixed by the Director of the Census without regard to the provisions of the classification act; traveling expenses, materials, supplies, equipment, and services, purchase and exchange of books, tabulation cards, typewriters, calculating machines, punch machines, and other office appliances, including their repair and maintenance; rent of buildings and rent and purchase of equipment outside the District of Columbia, $110,000, of which amount not to exceed $10,000 may be expended for personal services in the District of Columbia (submitted) $110,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Clerical, administrative, and fiscal service—	*Average—*		*Average—*		*Average—*	
Grade 2, $1,320 to $1,680; average, $1,500—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Junior clerk	3	$1,320				
Junior clerk-typist	1	1,320				
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	2	1,140				
Underclerk-typist	2	1,140				
Total number of employees	8					
01 Total salaries, departmental service		10,000				
30 Purchase of punch machines		100,000				
Total		110,000				

Total, Bureau of the Census	2,048,200.00	$2,109,960.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
STEAMBOAT INSPECTION SERVICE		
Salaries, Office of the Supervising Inspector General, Steamboat Inspection Service—		
Salaries: For the Supervising Inspector General and other personal services in the District of Columbia in accordance with the classification act of 1923 (*U. S. C., p. 60, secs. 591, 597; p. 1488, secs. 361–440; act Feb. 24, 1927, vol. 44, p. 1205*)	$31,060.00	$31,060.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Clerical, administrative, and fiscal service—	*Average*—		*Average*—		*Average*—	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 13, $6,000 to $7,500; average, $6,500— Chief administrative officer	1	$6,500	1	$6,500	1	$7,000
Grade 12, $5,200 to $6,000; average, $5,600— Assistant administrative officer	1	5,600	1	5,600		
Grade 7, $2,400 to $3,000; average, $2,700— Principal clerk	1	2,700	1	2,700	1	2,750
Grade 5, $1,860 to $2,400; average, $2,100— Senior clerk	1	2,100	1	2,100	1	2,200
Grade 3, $1,500 to $1,860; average, $1,680— Assistant clerk	6	1,680	6	1,680	6	1,677
Grade 2, $1,320 to $1,680; average, $1,500— Junior clerk	2	1,500	2	1,500	1.7	1,359
Custodial service—						
Grade 3, $1,020 to $1,260; average, $1,140	1	1,140	1	1,140	1	1,200
Total average number of employees	13		13		11.7	
01 Total salaries, departmental service		31,060		31,060		25,422
Unobligated balance						5,638
Total		31,060		31,060		31,060

Salaries, Steamboat Inspection Service—

Steamboat inspectors: For eleven supervising inspectors; inspectors of hulls and inspectors of boilers; assistant inspectors, as authorized by law, for the following ports: New York, [thirty-four] *thirty-three*; *Pittsburgh, one;* New Orleans, six; Baltimore, eight; Providence, four; Boston, six; Philadelphia, fourteen; San Francisco, twelve; Buffalo, six; Cleveland, six; Milwaukee, four; Chicago, four; Grand Haven, two; Detroit, four; Norfolk, eight; Seattle, twelve; Portland (Oregon), four; Albany, two; Portland (Maine), two; Los Angeles, four; Galveston, two; Mobile, two; Savannah, two; Toledo, two; and [three] *six* traveling inspectors; in all (*U. S. C., p. 60, secs. 591, 597; p. 1488, secs. 361–440; act Feb. 24, 1927, vol. 44, p. 1205*) — 787,800.00 | 758,800.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average*—		*Average*—		*Average*—	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $3,800 to $5,000; average, $4,400— Supervising inspector	11	$4,000	11	$3,800	10	$3,800
Traveling inspector	3	3,800				
Local inspector of hulls	1	3,800				
Local inspector of boilers	1	3,800				
Salary range, $3,300 to $3,900; average, $3,600— Traveling inspector	3	3,600	3	3,600	3	3,600
Local inspector of hulls			1	3,700	1	3,600
Local inspector of boilers			1	3,700	1	3,600
Salary range, $3,000 to $3,600; average, $3,300— Local inspector of hulls	24	3,300	22	3,200	21.9	3,200
Local inspector of boilers	24	3,300	22	3,200	21.8	3,200
Local inspector of hulls	21	3,000	23	3,000	22.9	3,000
Local inspector of boilers	21	3,000	23	3,000	23	3,000
Assistant inspector (hulls and boilers)	8	3,100				
Assistant inspector (hulls and boilers)	8	3,000				
Salary range, $2,700 to $3,300; average, $3,000— Assistant inspector (hulls and boilers)	59	2,900				
Assistant inspector (hulls and boilers)	72	2,800	150	2,800	147.5	2,800
Assistant inspector (hulls and boilers)	3	2,700			0.4	2,700
Total average number of employees	259		256		252.5	
01 Total salaries, field service		787,800		758,800		746,240
The difference between 1929 and 1928 is due to—						
Increase in force $11,400						
Increase in salaries 17,600						
Total increase 29,000						
Unobligated balance						8,760
Total		787,800		758,800		755,000

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Clerk Hire, Steamboat Inspection Service—		
Clerk hire, Steamboat Inspection Service: For compensation of clerks to boards of steamboat inspectors, to be appointed by the Secretary of Commerce in accordance with the provisions of law (*U. S. C., p. 60, secs. 361–440; p. 1488, secs. 361–440; act Feb. 24, 1927, vol. 44, p. 1205*)	$142,200.00	$142,200.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $2,400 to $3,000; average, $2,700—						
Clerk	1	$2,700	1	$2,700	0.5	$2,460
Salary range, $2,100 to $2,700; average, $2,400—						
Clerk	2	2,400	2	2,400	1.5	2,250
Salary range, $1,860 to $2,400; average, $2,100—						
Clerk	2	2,100	2	2,100	1	1,980
Salary range, $1,680 to $2,040; average, $1,860—						
Clerk	24	1,860	24	1,860	23.6	1,784
Salary range, $1,500 to $1,860; average, $1,680—						
Clerk	28	1,680	28	1,680	27.2	1,579
Salary range, $1,320 to $1,680; average, $1,500—						
Clerk	20	1,500	20	1,500	20.8	1,359
Salary range, $1,140 to $1,500; average, $1,320—						
Clerk	15	1,320	15	1,320	16.1	1,226
Total average number of employees	92		92		90.7	
01 Total salaries and wages, field service		142,200		142,200		139,393
Unobligated balance						3,767
Total		142,200		142,200		143,160

Contingent Expenses, Steamboat Inspection Service—		
Contingent expenses: For the payment of fees to witnesses; for traveling and other expenses when on official business of the Supervising Inspector General, Deputy Supervising Inspector General, supervising inspectors, traveling inspectors, local and assistant inspectors, and clerks; for instruments, furniture, stationery, street-car fares not to exceed $25, janitor service, and every other thing necessary to carry into effect the provisions of [title 52, Revised Statutes] *title 46, chapter 14, page 1488, United States Code* (*U. S. C., p. 60, secs. 591, 597; p. 1488, secs. 361–440; act Feb. 24, 1927, vol. 44, p. 1205*)	148,000.00	148,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Supplies and materials:			
0200 Stationery and office supplies	$1,075.00	$1,075.00	$1,520.82
0230 Fuel	165.00	165.00	176.00
0280 Sundry supplies	270.00	270.00	287.28
02 Total supplies and materials	1,510.00	1,510.00	1,984.10
Communication service:			
0500 Telegraph service	350.00	350.00	528.24
0510 Telephone service	6,000.00	6,000.00	6,188.83
05 Total communication service	6,350.00	6,350.00	6,717.07
Travel expenses:			
0615 Transportation	57,000.00	49,000.00	53,637.53
0616 Subsistence	40,550.00	45,550.00	28,897.72
06 Total travel expenses	97,550.00	94,550.00	82,535.25
07 Transportation of things	350.00	600.00	351.00
10 Furnishing of heat, light, power, and water	350.00	350.00	346.26
11 Rents	37,500.00	37,000.00	37,820.39
12 Repairs and alterations	260.00	260.00	415.64
13 Special and miscellaneous current expenses	1,600.00	1,850.00	1,322.18
30 Equipment	2,530.00	5,530.00	1,690.41
		148,000.00	133,182.30
Unobligated balance			267.70
Total	148,000.00	148,000.00	133,450.00

Total, Steamboat Inspection Service	1,109,060.00	1,080,060.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
BUREAU OF NAVIGATION		
Salaries, Bureau of Navigation—		
Salaries: For the commissioner and other personal services in the District of Columbia, in accordance with the classification act of 1923 (*U. S. C., p. 1455, secs. 1–5; p. 60, secs. 591, 597, 600; act Feb. 24, 1927, vol. 44, p. 1205*)	$66,900.00	$63,960.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Clerical, administrative, and fiscal service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 13, $6,000 to $7,500; average, $6,750—						
Executive officer	1	$7,500	1	$7,500	1	$7,000
Grade 12, $5,200 to $6,000; average, $5,600—						
Chief administrative officer	1	5,600	0.3	5,200	1	5,800
Chief administrative officer			0.5	5,400		
Grade 11, $3,800 to $5,000; average, $4,400—						
Administrative officer			0.2	4,400		
Grade 10, $3,300 to $3,900; average, $3,600—						
Senior administrative officer					1	3,600
Grade 7, $2,400 to $3,000; average, $2,700—						
Principal clerk	1	2,500	1	2,500	1	2,400
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	1	2,500	1	2,500	1	2,400
Principal clerk	1	2,200	1	2,200	1	2,100
Grade 5, $1,860 to $2,400; average, $2,100—						
Senior clerk-stenographer	1	2,000	1	2,000	1	2,000
Senior accounting assistant	1	2,200	1	2,200	1	2,100
Senior clerk-stenographer	1	1,920	1	1,920	0.4	1,920
Senior clerk	1	2,200	1	2,200	1	2,100
Senior clerk	1	1,860				
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	1	1,920	1	1,980	1	1,920
Mail clerk	1	2,040	1	2,040	1	2,040
Clerk	1	1,680	1	1,680	1	1,680
Principal stenographer	1	1,920	1	1,920	1	1,860
Principal stenographer	1	1,860	1	1,860	1	1,800
Principal stenographer			1	1,680		
Grade 3, $1,500 to $1,860; average, $1,680—						
Senior stenographer	1	1,620	1	1,620	1	1,560
Senior stenographer	1	1,560	1	1,560	0.8	1,560
Assistant clerk	2	1,680	2	1,680	1.9	1,620
Assistant clerk	1	1,560	1	1,560	0.4	1,500
Assistant clerk	1	1,500	1	1,500	1	1,500
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior mail clerk	1	1,620	1	1,620	1	1,560
Junior clerk					0.5	1,560
Junior clerk					0.6	1,500
Junior clerk	2	1,500	2	1,500	2	1,440
Junior stenographer	1	1,500	1	1,500	1	1,500
Junior stenographer	2	1,320	0.5	1,320	0.8	1,320
Junior clerk-stenographer	1	1,380	1	1,380	0.5	1,320
Junior clerk-typist	1	1,380	1	1,380	1	1,320
Grade 1, $1,140 to $1,500; average, $1,320—						
Clerk	2	1,260	2	1,260	0.2	1,260
Clerk					1.5	1,200
Clerk					0.4	1,140
Custodial service—						
Grade 3, $900 to $1,260; average, $1,140—						
Messengers	2	1,140	2	1,140	2	1,140
				63,580.00		62,687.47
Unobligated balance						1,272.53
Reserve				380.00		
Total average number of employees	33		31.5		31	
Total salaries, departmental service		66,900.00		63,960.00		63,960.00
The difference between 1929 and 1928 is due to—						
Increase in force	$2,480					
Increase in salaries	460					
Total increase	2,940					

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Admeasurement of Vessels—		
Admeasurement of vessels: To enable the Commissioner of Navigation to secure uniformity in the admeasurement of vessels, including the employment of an adjuster of admeasurements, purchase and exchange of admeasuring instruments, traveling and incidental expenses (*U. S. C., p. 60, secs. 591, 597, 600; p. 1461, secs. 71–82; p. 1455, secs. 1–5; act Feb. 24, 1927, vol. 44, p. 1205*)	$5,500.00	$5,500.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average—		*Average—*		*Average—*	
Field service:	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salaries	1	$3,700	1	$3,700	0.5	$3,600
					0.5	3,700
Total average number of employees	1		1		1	
01 Total salaries and wages, field service		3,700		3,700		3,650
Travel expenses:						
0615 Transportation		1,000.00		1,000.00		488.77
0616 Subsistence		800.00		800.00		358.24
06 Total travel expenses		1,800.00		1,800.00		847.01
						4,497.01
Unobligated balance						2.99
Total		5,500.00		5,500.00		4,500.00

Enforcement of Navigation Laws—

Enforcement of navigation laws: To enable the Secretary of Commerce to provide and operate such motor boats and employ thereon such persons as may be necessary for the enforcement, under his direction, of laws relating to navigation and inspection of vessels, boarding of vessels, and counting of passengers on excursion boats, including insignia, braid and chin straps, and coats, caps, and aprons for stewards' departments on vessels (*U. S. C., p. 1497, secs. 452, 453; p. 60, secs. 591, 597, 600; p. 1508, secs. 511–520; p. 1455, secs. 1–5; act Feb. 24, 1927, vol. 44, p. 1206*) — $89,000.00 — $89,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:	*Average—*		*Average—*		*Average—*	
Salaries and wages—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $3,800 to $5,000; average, $4,400—						
Navigation officer	1	$4,760	1	$4,760	0.5	$4,760
Navigation officer					0.5	4,160
Salary range, $3,000 to $3,600; average, $3,300—						
Navigation officer	1	3,360	1	3,360	0.5	3,360
Navigation officer					0.5	3,060
Salary range, $2,700 to $3,300; average, $3,000—						
Navigation officer	1	3,060	1	3,060	0.5	3,060
Navigation officer					0.5	2,860
Navigation officer	1	2,860	1	2,860	0.5	2,860
Navigation officer					0.5	2,760
Navigation officer	1	2,760	1	2,760	0.9	2,760
Salary range, $2,100 to $2,700; average, $2,400—						
Master	1	2,280	1	2,280	0.5	2,280
Master					0.5	2,220
Master	3	2,160	3	2,160	2	2,160
Master	1	1,680	1	1,680	0.5	1,680
Engineer	1	2,280	1	2,280	0.5	2,280
Engineer					0.5	2,160
Engineer	4	2,160	4	2,160	4	2,160
Salary range, $1,860 to $2,400; average, $2,100—						
Radio clerk	1	1,920	1	1,920	0.2	1,920
Salary range, $1,320 to $1,680; average, $1,500—						
Seaman	4	1,500	4	1,500	4	1,500
Seaman	4	1,440	4	1,440	4	1,440
Seaman	1	1,380	1	1,380	1	1,380
Cook	1	1,560	1	1,560	1	1,560
Cook	1	1,560	1	1,560	1	1,500
Cook	3	1,500	3	1,500	3	1,500
Assistant cook	1	1,500	1	1,500	1	1,500
Total average number of employees	31		31		28.6	
Total salaries and wages, field service		62,340.00		62,340.00		55,346.14
Deduct allowances for subsistence, lodging, etc		11,160.00		11,160.00		9,163.89
01 Cash payment, salaries and wages		51,180.00		51,180.00		46,182.25

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Enforcement of Navigation Laws—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Supplies and materials:			
0200	Stationery and office supplies	$300.00	$300.00	$301.70
0210	Medical and hospital supplies	50.00	50.00	50.88
0220	Scientific and educational supplies	25.00	25.00	25.15
0230	Fuel	9,800.00	9,800.00	9,374.69
0240	Wearing apparel	30.00	30.00	28.93
0260	Provisions	11,160.00	11,160.00	9,163.89
0280	Sundry supplies	2,700.00	2,700.00	2,725.25
0290	Materials	1,100.00	1,100.00	1,054.76
02	Total supplies and materials	25,165.00	25,165.00	22,725.25
	Communication service:			
0500	Telegraph service	20.00	20.00	19.27
0510	Telephone service	10.00	10.00	10.01
05	Total communication service	30.00	30.00	29.28
	Travel expenses:			
0615	Transportation	510.00	510.00	508.58
0616	Subsistence	340.00	340.00	259.40
0680	Canal tolls, towage, dockage	400.00	400.00	363.45
06	Total travel expenses	1,250.00	1,250.00	1,131.43
07	Transportation of things (service)	100.00	100.00	99.63
12	Repairs and alterations	8,025.00	8,025.00	15,470.84
13	Special and miscellaneous current expenses	700.00	700.00	659.09
	Equipment:			
3010	Furniture and fixtures	1,000.00	1,000.00	1,012.22
3017	Office machinery and devices	75.00	75.00	67.10
3022	Scientific instruments	175.00	175.00	168.15
3050	Other equipment	1,300.00	1,300.00	1,263.86
30	Total equipment	2,550.00	2,550.00	2,511.33
				88,809.10
	Unobligated balance			190.90
	Total	89,000.00	89,000.00	89,000.00

Preventing Overcrowding of Passenger Vessels—

Preventing overcrowding of passenger vessels: To enable the Secretary of commerce to employ temporarily such persons as may be necessary, of whom not more than two at any one time may be employed in the District of Columbia, to enforce the laws to prevent overcrowding of passenger and excursion vessels and all expenses in connection therewith (*U. S. C., p. 1497, secs. 452, 453; p. 60, secs. 591, 597, 600; p. 1455, secs. 1–5; act Feb. 24, 1927, vol. 44, p. 1206*) $18,840.00 $18,840.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Field service:			
	Salaries and wages—			
	Salary range, $4.67 to $5.50 per diem—	*Average—*	*Average—*	*Average—*
	Total average number of employees	*No.* *Salary* 49	*No.* *Salary* 49	*No.* *Salary* 49
01	Total salaries and wages, field service	$13,350.00	$13,350.00	$13,378.82
	Communication service:			
0500	Telegraph service	5.00	5.00	2.66
0510	Telephone service	90.00	90.00	84.30
05	Total communication service	95.00	95.00	86.96
	Travel expenses:			
0610	Local transportation (street car, taxi, hack, etc.)	110.00	110.00	102.17
0615	Transportation	2,500.00	2,500.00	1,982.62
0616	Subsistence	2,365.00	2,365.00	1,555.36
06	Total travel expenses	4,975.00	4,975.00	3,640.15
12	Repairs and alterations	160.00	160.00	167.75
13	Special and miscellaneous current expenses	10.00	10.00	7.16
30	Scientific instruments (talley registers)	250.00	250.00	265.00
				17,545.84
	Unobligated balance			374.16
	Total	18,840.00	18,840.00	17,920.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Salaries, Shipping Service—		
Shipping commissioners: For salaries of shipping commissioners (*U. S. C., p. 1511, sec. 541; p. 1487, secs. 329–331; p. 60, secs. 591, 597, 600; p. 1455, secs. 1–5; act Feb. 24, 1927, vol 44, p. 1206*)	$42,600.00	$37,700.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average*—		*Average*—		*Average*—	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $5,200 to $6,000; average, $5,600—						
Shipping commissioner	1	$5,000	1	$5,000	1	$5,000
Salary range, $3,800 to $5,000; average, $4,400—						
Shipping commissioner	3	4,000	3	4,000	3	4,000
Salary range, $3,400 to $3,900; average, $3,600—						
Shipping commissioner	2	3,000	2	3,000	1.2	3,000
Salary range, $3,000 to $3,600; average, $3,300—						
Shipping commissioner	1	3,000	1	3,000	1	3,000
Salary range, $2,400 to $3,000; average, $2,700—						
Shipping commissioner	5	2,400	4	2,400	4	2,400
Shipping commissioner	1	2,500				
Salary range, $2,100 to $2,700; average, $2,400—						
Shipping commissioner	1	2,100	1	2,100	1	2,100
Total average number of employees	14		12		11.2	
01 Total salaries and wages, field service		42,600.00		37,700.00		35,216.47
The difference between 1929 and 1928 is due to increase in force, $4,900.						
Unobligated balance						2,483.53
Total		42,600.00		37,700.00		37,700.00

Clerk Hire, Shipping Service—		
Clerk hire: For compensation, to be fixed by the Secretary of Commerce, to each person or clerk in the offices of shipping commissioners (*U. S. C., p. 1487, secs. 329–331; p. 60, secs. 591, 597, 600; p. 1455, secs. 1–5; act Feb. 24, 1927, vol. 44, p. 1206*)	97,260.00	89,040.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service commissioners:						
Salaries and wages—	*Average*—		*Average*—		*Average*—	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $3,000 to $3,600; average, $3,300—						
Deputy shipping commissioner	1	$3,000	1	$3,000	1	$3,000
Salary range, $2,700 to $3,300; average, $3,000—						
Deputy shipping commissioner	3	2,400	3	2,400	3	2,400
Salary range, $2,400 to $3,000; average, $2,700—						
Deputy shipping commissioner	1	2,200	1	2,200	0.2	2,200
Deputy shipping commissioner	1	2,100	1	2,100	1	2,100
Salary range, $2,100 to $2,700; average, $2,400—						
Deputy shipping commissioner	2	2,000	2	2,000	1.2	2,000
Deputy shipping commissioner	2	1,860	2	1,860	2	1,860
Deputy shipping commissioner	1	1,860				
Deputy shipping commissioner	3	1,680	1	1,680	1	1,680
Salary range, $1,860 to $2,400; average, $2,100—						
Deputy shipping commissioner	10	1,800	10	1,800	8.3	1,800
Deputy shipping commissioner	1	1,740	1	1,740	1.8	1,740
Deputy shipping commissioner	5	1,620	5	1,620	5.7	1,620
Deputy shipping commissioner	2	1,560	2	1,560	4.1	1,560
Salary range, $1,680 to $2,040; average, $1,860—						
Deputy shipping commissioner	4	1,380	4	1,380	3	1,380
Salary range, $1,500 to $1,860; average, $1,680—						
Deputy shipping commissioner	1	1,680	1	1,680	0.2	1,680
Deputy shipping commissioner	1	1,620	1	1,620	1.2	1,620
Deputy shipping commissioner	3	1,500	3	1,500	4.5	1,500
Deputy shipping commissioner	1	1,320	1	1,320	1	1,320
Deputy shipping commissioner					0.2	1,200
Total average number of employees	42		39		39.4	
01 Total salaries and wages, field service		74,720.00		69,500.00		68,817.90
The difference between 1929 and 1928 is due to increase in force, $5,220.						
Field service, clerical force:						
Salaries and wages—						
Salary range, $2,400 to $3,000; average, $2,700—						
Clerk					0.8	2,100
Salary range, $2,100 to $2,700; average, $2,400—						
Clerk					0.8	2,000
Salary range, $1,860 to $2,400; average, $2,100—						
Clerk	1	1,620	1	1,620		
Clerk	1	1,560	1	1,560	0.8	1,560
Clerk	1	1,560	1	1,560	1.5	1,500
Salary range, $1,680 to $2,100; average, $1,860—						
Clerk	1	1,500	1	1,500	1	1,380
Clerk	2	1,380	2	1,380	2	1,380
Salary range, $1,860 to $2,400; average, $2,100—						
Clerk	3	1,500	1	1,500	0.5	1,440

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Clerk Hire, Shipping Service—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service—Continued.						
Salaries and wages—Continued.	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $1,500 to $1,860; average, $1,680—Clerk	5	$1,320	5	$1,320	4.3	$1,320
Salary range, $1,320 to $1,680; average, $1,500—Clerk	1	1,320	1	1,320	0.9	1,320
Salary range, $900 to $1,260; average, $1,080—Clerk	1	900	1	900	1	900
				19,320.00		18,306.22
Unobligated balance						957.94
Reserve				220.00		
Total average number of employees	16		14		13.6	
Total salaries and wages, field service		22,360.00		19,540.00		19,264.16
The difference between 1929 and 1928 is due to increase in force, $2,820.						
01 Total personal services		97,260.00		89,040.00		89,040.00

Contingent Expenses, Shipping Service—

Contingent expenses: For rent, stationery, and other requisites for transaction of the business of shipping commissioners' offices, and for janitor in the commissioner's office at New York; in all (*U. S. C., p. 1487, secs. 329–331; p. 60, secs. 591, 597, 600; p. 1455, secs. 1–5; act Feb. 24, 1927, vol. 44, p. 1206*) $10,780.00 $9,980.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Total average number of employees	5		5		5	
01 Total salaries and wages, field service		$2,208.00		$2,208.00		$2,187.34
Supplies and materials:						
0220 Scientific and educational supplies		125.00		125.00		121.00
0230 Fuel		200.00		200.00		179.03
0280 Sundry supplies		25.00		25.00		13.08
02 Total supplies and materials		350.00		350.00		313.11
Communication service:						
0510 Telephone service		2,125.00		1,825.00		1,681.87
0520 Other communication service		10.00		10.00		4.00
05 Total communication service		2,135.00		1,835.00		1,685.87
06 Travel expenses		1,850.00		1,550.00		1,832.12
10 Furnishing of heat, light, power, water, and electricity		10.00		10.00		4.70
11 Rents in buildings		3,524.80		3,524.80		3,661.80
12 Repairs and alterations		50.00		50.00		48.83
13 Special and miscellaneous current expenses		127.20		127.20		122.77
Equipment:						
3010 Furniture and fixtures		50.00		50.00		84.13
3017 Office machinery and devices		450.00		250.00		313.82
3050 Other equipment		25.00		25.00		6.50
30 Total equipment		525.00		325.00		404.45
						9,960.99
Unobligated balance						19.01
Total		10,780.00		9,980.00		9,980.00

Miscellaneous Indefinite Appropriations—

Refunding penalties or charges erroneously exacted (*U. S. C., p. 1511, sec. 541; p. 60, sec. 600*)
Refunding moneys erroneously received and covered (*U. S. C., p. 1021, sec. 711*) 3,000.00 3,000.00
Refunding of tonnage taxes and light dues to citizens of Philippine Islands (*U. S. C., p. 1468, sec. 130*)

5300 Refunds of fines, penalties, and forfeitures: Expenditures—1929, $3,000; 1928, $3,000; 1927, $1,101.91.

Total, Bureau of Navigation 333,880.00 317,020.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
BUREAU OF STANDARDS		
Salaries, Bureau of Standards—		
Salaries: For the director and other personal services in the District of Columbia in accordance with the classification act of 1923 (*U. S. C., p. 60, secs. 591, 597; p. 378, secs. 271–278; act Feb. 24, 1927, vol. 44, p. 1206*)	$595,000.00	$572,060.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional service—	*Average—*		*Average—*		*Average—*	
Grade 7, $7,500 and over—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Special scientist (director)	1	$7,500	1	$7,500	0.3	$7,500
Grade 6, $6,000 to $7,500; average, $6,750—						
Chief scientist (director)					0.8	6,800
Grade 5, $5,200 to $6,000; average, $5,600—						
Senior scientist (5 chiefs of divisions)	8	5,475	8	5,475	5.9	5,372
Grade 4, $3,800 to $5,000; average, $4,400—						
Scientist (1 chief of division)	19	4,130	18	4,167	20.1	4,099
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate scientist	27	3,142	26	3,158	25.3	3,129
Associate librarian	1	3,100	1	3,100	0.8	3,040
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant scientist	22	2,586	22	2,595	21.8	2,540
Grade 1, $1,860 to $2,400; average, $2,111—						
Junior scientist	23	1,958	22	1,967	20.8	1,962
Subprofessional service—						
Grade 7, $2,100 to $2,700; average, $2,400—						
Principal scientific aid	1	2,300	1	2,300	1	2,300
Principal laboratory mechanic	3	2,500	3	2,500	2.8	2,470
Grade 6, $1,860 to $2,400; average, $2,111.42—						
Senior scientific aid	3	1,973	3	1,973	4.8	1,998
Senior laboratory mechanic	8	2,130	8	2,130	7.8	2,108
Senior library assistant	1	1,860	1	1,860		
Grade 5, $1,680 to $2,040; average, $1,860—						
Scientific aid	5	1,750	3	1,820	2.4	1,730
Laboratory mechanic	9	1,727	9	1,727	5.6	1,853
Grade 4, $1,500 to $1,860; average, $1,680—						
Assistant scientific aid	15	1,567	13	1,588	14	1,550
Assistant laboratory mechanic	4	1,755	4	1,755	9.8	1,657
Grade 3, $1,320 to $1,680; average, $1,500—						
Junior scientific aid	11	1,346	8	1,365	6.2	1,561
Grade 2, $1,140 to $1,500; average, $1,320—						
Under laboratory apprentice	16	1,157	14	1,161	12.2	1,162
Under laboratory mechanic	1	1,380	1	1,380	0.6	1,380
Grade 1, $900 to $1,260; average, $1,080—						
Minor laboratory apprentice	9	933	9	933	11.2	919
Clerical, administrative, and fiscal service—						
Grade 10, $3,300 to $3,900; average, $3,600—						
Junior administrative officer	1	3,800	1	3,800	1	3,700
Grade 9, $3,000 to $3,600; average, $3,300—						
Senior administrative assistant	2	3,350	2	3,350	2	3,300
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant	3	2,700	3	2,700	2.8	2,753
Assistant editor	1	2,600	1	2,600		
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	1	2,600	1	2,600	1.8	2,550
Grade 5, $1,860 to $2,400; average, $2,111—						
Senior clerk	2	2,200	2	2,200	2	2,200
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	4	1,845	4	1,845	5	1,836
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	7	1,620	7	1,620	6.9	1,597
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	4	1,470	4	1,470	4.4	1,485
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	6	1,200	6	1,200	6.2	1,225
Custodial service—						
Grade 9, $2,100 to $2,700; average, $2,400—						
Assistant mechanical superintendent	2	2,400	2	2,400	1.2	2,614
Grade 8, $1,860 to $2,400; average, $2,111—						
Principal mechanic	1	2,200	1	2,200	0.2	1,860
Grade 7, $1,686 to $2,040; average, $1,860—						
Senior mechanic	6	1,760	6	1,760	6	1,799
Grade 6, $1,500 to $1,860; average, $1,680—						
Mechanic	8	1,613	8	1,613	7.3	1,556
Grade 5, $1,320 to $1,680; average, $1,500—						
Junior mechanic	1	1,380	1	1,380	0.5	1,320
Principal guard	1	1,320	1	1,320	1	1,320
Grade 4, $1,140 to $1,500; average, $1,320—						
Undermechanic	6	1,200	6	1,200	6.6	1,171
Senior guard	1	1,260	1	1,260	1	1,230
Head messenger	1	1,260	1	1,260	1	1,170
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger	3	1,020	3	1,020	2.7	1,020
Senior laborer	1	1,080	1	1,080	1	1,020
Minor mechanic	2	1,260	2	1,260	2.2	1,101
Guard	11	1,055	9	1,067	8.8	1,062
Grade 2, $900 to $1,140; average, $1,020—						
Assistant messenger	3	1,020	3	1,020	2.4	979
Junior laborer	19	918	18	920	18.5	904
Grade 1, $600 to $780; average, $690—						
Junior messenger	2	600	2	600	2.8	651
Total average number of employees	286		271		269.4	
01 Total salaries, departmental service		595,000.00		572,060.00		556,829.17
The difference between 1929 and 1928 is due to increase in force, $22,940.						
Unobligated balance						10,790.83
Total		595,000.00		572,060.00		567,320.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Equipment, Bureau of Standards— Equipment: For apparatus, machinery, tools, and appliances used in connection with buildings or work of the bureau, typewriters, adding machines, and other labor-saving devices, laboratory supplies, materials, and supplies used in the construction of apparatus, machinery, or other appliances, including their exchange; piping, wiring, and construction incident to the installation of apparatus, machinery, or appliances; furniture for laboratories and offices, cases for apparatus, $88,000, including $18,000 for repairs and necessary alterations to buildings (*U. S. C., p. 60, secs. 591, 597; p. 378, secs. 271–278; act Feb. 24, 1927, vol. 44, p. 1206*)	$88,000.00	$88,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Supplies and materials:			
0200	Stationery and office supplies	$500.00	$500.00	$501.68
0220	Scientific supplies	5,000.00	5,000.00	5,109.85
0230	Fuel	2,000.00	2,000.00	2,000.00
0280	Sundry supplies	3,000.00	3,000.00	2,974.59
0290	Materials	5,000.00	5,000.00	5,120.13
02	Total supplies and materials	15,500.00	15,500.00	15,706.25
07	Transportation of things	150.00	150.00	128.00
10	Furnishing heat, light, and power	10,000.00	10,000.00	9,600.00
12	Repairs and alterations	18,000.00	18,000.00	13,152.10
	Equipment:			
3010	Furniture, furnishings, and fixtures	6,000.00	6,000.00	7,282.03
3022	Scientific equipment	32,350.00	32,350.00	33,945.01
3050	Other equipment	6,000.00	6,000.00	6,487.56
30	Total equipment	44,350.00	44,350.00	47,714.60
				86,300.95
	Unobligated balance			1,699.05
	Total	88,000.00	88,000.00	88,000.00

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
General Expenses, Bureau of Standards— General expenses: For fuel for heat, light, and power; office expenses, stationery, cleaning and toilet supplies, books and periodicals, which may be exchanged when not needed for permanent use; traveling expenses (including expenses of attendance upon meetings of technical and professional societies when required in connection with standardization, testing, or other official work of the bureau when incurred on the written authority of the Secretary); street-car fares not exceeding $100; expenses of the visiting committee; expenses of attendance of American member at the meeting of the International Committee of Weights and Measures; purchase of gloves, goggles, rubber boots, and aprons; supplies for operation, maintenance, and repair of passenger automobiles and motor trucks for official use, including their exchange; and contingencies of all kinds (*U. S. C., p. 60, secs. 591, 597; p. 378, secs. 271–278; act Feb. 24, 1927, vol. 44, p. 1206*)	69,855.00	69,855.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Supplies and materials:			
0200	Stationery and office supplies	$8,000.00	$8,000.00	$6,419.42
0205	Cleaning and toilet supplies	1,500.00	1,500.00	1,481.53
0231	Coal	22,555.00	22,555.00	21,766.05
0235	Special and miscellaneous fuel	1,200.00	1,200.00	1,194.00
0240	Wearing apparel	300.00	300.00	305.54
0280	Sundry supplies	1,000.00	1,000.00	894.18
0290	Materials	100.00	100.00	110.74
02	Total supplies and materials	34,655.00	34,655.00	32,171.46
	Communication service:			
0500	Telegraph service	600.00	600.00	650.26
0510	Telephone service	4,000.00	4,000.00	4,140.13
05	Total communication service	4,600.00	4,600.00	4,790.39
06	Travel expenses	11,000.00	11,000.00	11,073.10
07	Transportation of things	2,000.00	2,000.00	2,002.49
09	Advertising	100.00	100.00	110.35
10	Furnishing heat, light, and power	9,000.00	9,000.00	9,000.00
12	Repairs and alterations	1,000.00	1,000.00	1,052.11
13	Special and miscellaneous current expenses	1,000.00	1,000.00	957.33
	Equipment:			
3000	Passenger-carrying vehicles	200.00	200.00	103.90
3021	Library stock	5,000.00	5,000.00	5,022.30
3050	Other equipment	1,300.00	1,300.00	1,309.80
30	Total equipment	6,500.00	6,500.00	6,436.00
				67,593.23
	Unobligated balance			761.77
	Total	69,855.00	69,855.00	68,355.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Improvement and Care of Grounds, Bureau of Standards—		
Improvement and care of grounds: For grading, construction of roads and walks, piping grounds for water supply, lamps, wiring for lighting purposes, and other expenses incident to the improvement and care of grounds, including foreman and laborers in the District of Columbia, $13,000, of which amount not to exceed $9,180 may be expended for personal services in the District of Columbia (*U. S. C., p. 60, secs. 591, 597; p. 378, secs. 271–278; act Feb. 24, 1927, vol. 44, p. 1207*)	$13,000.00	$13,000.00

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
		Average—		*Average*—		*Average*—	
		No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Departmental service:						
	Salaries—						
	Subprofessional service—						
	Grade 5, $1,680 to $2,040; average, $1,860—						
	Foreman gardener	1	$1,920	1	$1,920	1	$1,920
	Custodial service—						
	Grade 3, $1,020 to $1,260; average, $1,140—						
	Senior laborer	7	1,038	7	1,038	5.5	1,044
	Total average number of employees	8		8		6.5	
	Total salaries, departmental service		9,180.00		9,180.00		7,664.16
	Deduct expenditures for personal services included in objects named below		4,000.00		4,000.00		3,500.00
01	Total salaries, departmental service		5,180.00		5,180.00		4,164.16
	Supplies and materials:						
0280	Sundry supplies		1,000.00		1,000.00		1,038.77
0290	Materials		800.00		800.00		881.87
02	Total supplies and materials		1,800.00		1,800.00		1,920.64
12	Repairs and alterations		100.00		100.00		188.45
30	Equipment		650.00		650.00		894.23
	Structures, etc.:						
3210	Other structures		4,070.00		4,070.00		3,250.00
3220	Nonstructural improvements		1,200.00		1,200.00		1,409.40
32	Total structures		5,270.00		5,270.00		4,659.40
							11,826.88
	Unobligated balance						173.12
	Total		13,000.00		13,000.00		12,000.00

	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Testing Structural Materials, Bureau of Standards—		
Testing structural materials: For continuation of the investigation of structural materials, such as stone, clays, cement, and so forth, including personal services in the District of Columbia and in the field, [$240,000] *$250,000*, of which amount not to exceed [$189,000] *$199,000* may be expended for personal services in the District of Columbia: *Provided*, That as much of this sum as necessary shall be used to collect and disseminate such scientific, practical, and statistical information as may be procured, showing or tending to show approved methods in building, planning, and construction, standardization, and adaptability of structural units, including building materials and codes, economy in the manufacture and utilization of building materials and supplies, and such other matters as may tend to encourage, improve, and cheapen construction and housing (*U. S. C., p. 60, secs. 591, 597; p. 378, secs. 271–278; act Feb. 24, 1927, vol. 44, p. 1207*)	250,000.00	240,000.00

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
		Average—		*Average*—		*Average*—	
		No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Departmental service:						
	Salaries—						
	Professional service—						
	Grade 5, $5,200 to $6,000; average, $5,600—						
	Senior scientist (2 chiefs of division)	4	$5,600	4	$5,600	3.8	$5,539
	Grade 4, $3,800 to $5,000; average, $4,400—						
	Scientist	7	4,086	7	4,086	5.7	3,982
	Grade 3, $3,000 to $3,600; average, $3,300—						
	Associate scientist	11	3,145	10	3,160	7.3	3,074
	Grade 2, $2,400 to $3,000; average, $2,700—						
	Assistant scientist	7	2,614	6	2,650	6.3	2,579
	Grade 1, $1,860 to $2,400; average, $2,111.42—						
	Junior scientist	11	1,902	10	1,906	9	1,900
	Subprofessional service—						
	Grade 6, $1,860 to $2,400; average, $2,111.42—						
	Senior scientific aid	3	2,027	3	2,027	2.3	1,899
	Grade 5, $1,680 to $2,040; average, $1,860—						
	Scientific aid	2	1,680	1	1,680	1.7	1,743

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Testing Structural Materials, Bureau of Standards—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service—Continued.						
Salaries—Continued.						
Subprofessional service—Continued.	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 4, $1,500 to $1,860; average, $1,680—						
Assistant scientific aid	2	$1,680	2	$1,680	1.7	$1,692
Grade 3, $1,320 to $1,680; average, $1,500—						
Junior scientific aid	1	1,320	1	1,320	1.2	1,393
Grade 2, $1,140 to $1,500; average, $1,320—						
Underscientific helper	2	1,260	2	1,260	2.9	1,231
Grade 1, $900 to $1,260; average, $1,080—						
Minor scientific helper	2	1,020	1	1,020	1.8	951
Clerical, administrative, and fiscal service—						
Grade 10, $3,300 to $3,900; average, $3,600—						
Senior investigator	1	3,400	1	3,400	1	3,300
Grade 9, $3,000 to $3,600; average, $3,300—						
Senior administrative assistant	1	3,300	1	3,300	0.8	3,167
Grade 8, $2,700 to $3,300; average, $3,000—						
Administrative assistant					0.3	3,100
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant	1	2,800	1	2,800	1	2,700
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	1	2,300	1	2,300	0.5	2,300
Grade 5, $1,860 to $2,400; average, $2,111—						
Senior clerk-stenographer	2	2,150	2	2,150	2.6	2,160
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk-stenographer	7.8	1,830	7.8	1,830	7.4	1,817
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk-stenographer	4	1,680	4	1,680	3.8	1,683
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk-stenographer	5	1,464	5	1,464	4.3	1,477
Custodial service—						
Grade 5, $1,320 to $1,680; average, $1,500—						
Junior mechanic	1	1,440	1	1,440	1	1,440
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger	1	1,200	1	1,200	1	1,200
Senior laborer	2.9	1,100	2.9	1,100	1.8	1,036
Grade 2, $900 to $1,140; average, $1,020—						
Assistant messenger					0.4	900
Junior laborer	5	1,044	5	1,044	5.4	1,024
Total average number of employees	84.7		79.7		75	
Total salaries, departmental service		199,000.00		189,000.00		169,514.21
The difference between 1929 and 1928 is due to increase in force, $10,000.						
Field service:						
Salaries and wages—						
Salary range, $3,000 to $3,600; average, $3,300—						
Chief engineering inspector	1	3,200	1	3,200	1	3,100
Salary range, $2,100 to $2,700; average, $2,400—						
Principal scientific aid	3	2,167	3	2,167	2.5	2,080
Salary range, $1,680 to $2,040; average, $1,860—						
Scientific aid	3	1,680	3	1,680	1.4	1,884
Salary range, $1,320 to $1,680; average, $1,500—						
Junior scientific aid	5	1,368	5	1,368	6	1,530
Salary range, $1,140 to $1,500; average, $1,320—						
Under scientific helper					1	1,260
Total average number of employees	12		12		11.9	
Total salaries and wages, field service		21,580.00		21,580.00		21,362.63
01 Total personal services		220,580.00		210,580.00		190,876.84
Supplies and materials:						
0220 Scientific supplies		4,500.00		4,500.00		4,498.09
0230 Fuel		1,000.00		1,000.00		1,133.80
0280 Sundry supplies		1,500.00		1,500.00		1,398.02
0290 Materials		3,000.00		3,000.00		3,023.17
02 Total supplies and materials		10,000.00		10,000.00		10,053.08
04 Storage		50.00		50.00		48.00
05 Telephone service		250.00		250.00		235.72
06 Travel expense		5,000.00		5,000.00		4,600.82
07 Transportation of things		750.00		750.00		972.00
10 Furnishing heat, light, and power		2,500.00		2,500.00		2,956.09
11 Rent		600.00		600.00		601.50
12 Repairs and alterations		500.00		500.00		393.41
13 Special and miscellaneous current expenses		2,000.00		2,000.00		1,820.00
Equipment:						
3022 Scientific equipment		6,270.00		6,270.00		11,377.05
3050 Other equipment		1,500.00		1,500.00		1,601.69
30 Total equipment		7,770.00		7,770.00		12,978.74
						225,536.20
Unobligated balance						4,463.80
Total		250,000.00		240,000.00		230,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Testing Machines, Bureau of Standards—		
Testing machines: For maintenance and operation of testing machines, including personal services in connection therewith in the District of Columbia and in the field, for the determination by the Bureau of Standards of the physical constants and the properties of materials as authorized by law, $38,000, of which amount not to exceed $34,020 may be expended for personal services in the District of Columbia (*U. S. C., p. 60, secs. 591, 597; p. 378, secs. 271–278; act Feb. 24, 1927, vol. 44, p. 1207*)	$38,000.00	$38,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional service—	*Average*—		*Average*—		*Average*—	
Grade 5, $5,200 to $6,000; average, $5,600—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Senior scientist	0.5	$5,200	0.5	$5,200	0.7	$5,200
Grade 4, $3,800 to $5,000; average, $4,400—						
Scientist	2	4,400	2	4,400	2.1	4,232
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate scientist	0.5	3,300	0.5	3,300	0.3	3,100
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant scientist	1	2,600	1	2,600	0.3	2,500
Grade 1, $1,860 to $2,400; average, $2,111—						
Junior scientist	1	1,860	1	1,860	0.3	1,860
Subprofessional service—						
Grade 7, $2,100 to $2,700; average, $2,400—						
Principal laboratory mechanic	1	2,500	1	2,500	1	2,400
Grade 6, $1,860 to $2,400; average, $2,111—						
Senior scientific aid	0.5	1,860	0.5	1,860	0.2	1,860
Grade 5, $1,680 to $2,040; average, $1,860—						
Laboratory mechanic	1	1,800	1	1,800	0.7	1,800
Grade 4, $1,500 to $1,860; average, $1,680—						
Assistant scientific aid	2	1,650	2	1,650	1.8	1,697
Grade 3, $1,320 to $1,680; average, $1,500—						
Junior scientific aid	0.9	1,320	0.9	1,320	0.7	1,373
Grade 2, $1,140 to $1,500; average, $1,320—						
Underscientific helper					0.6	1,320
Grade 1, $900 to $1,260; average, $1,080—						
Minor scientific helper	1.1	960	1.1	960	0.9	965
Clerical, administrative, and fiscal service—						
Grade 5, $1,860 to $2,400; average, $2,111—						
Senior clerk	0.7	1,860	0.7	1,860	0.6	1,860
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	1	1,560	1	1,560	0.7	1,520
Custodial service—						
Grade 7, $1,680 to $2,040; average, $1,860—						
Senior mechanic	1	1,860	1	1,860	1	1,707
Grade 2, $900 to $1,140; average, $1,020—						
Junior laborer	1	1,020	1	1,020	0.7	960
Total average number of employees	15.2		15.2		12.6	
Total salaries departmental service		34,020.00		34,020.00		29,018.82
Deduct expenditures for personal services included in objects named below		2,580.00		2,580.00		2,500.00
61 Total personal services		31,440.00		31,440.00		26,518.82
Supplies and materials:						
0220 Scientific supplies		250.00		250.00		129.10
0280 Sundry supplies		350.00		350.00		387.76
0290 Material		300.00		300.00		312.22
02 Total supplies and materials		900.00		900.00		829.08
06 Travel expense		250.00		250.00		205.25
10 Furnishing of heat, light, and power		450.00		450.00		404.14
12 Repairs and alterations		200.00		200.00		114.25
30 Equipment		4,760.00		4,760.00		9,373.57
						37,445.11
Unobligated balance						554.89
Total		38,000.00		38,000.00		38,000.00

Investigation of Fire-Resisting Properties, Bureau of Standards—		
Investigation of fire-resisting properties: For investigation of fire-resisting properties of building materials and conditions under which they may be most efficiently used, and for the standardization of types of appliances for fire prevention, including personal services in the District of Columbia and in the field, $28,100, of which amount not to exceed $22,640 may be expended for personal services in the District of Columbia (*U. S. C., p. 60, secs. 591, 597; p. 378, secs. 271–278; act Feb. 24, 1927, vol. 44, p. 1207*)	28,100.00	28,100.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Investigation of Fire-Resisting Properties, Bureau of Standards—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional service—	*Average—*		*Average—*		*Average—*	
Grade 5, $5,200 to $6,000; average, $5,600—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Senior scientist	0.5	$5,200	0.5	$5,200	0.2	$5,200
Grade 4, $3,800 to $5,000; average, $4,400—						
Scientist	1	3,800	1	3,800	1	3,800
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant scientist	1.5	2,180	1.5	2,180	1.6	2,557
Grade 1, $1,860 to $2,400; average, $2,111—						
Junior scientist					0.3	1,860
Subprofessional service—						
Grade 4, $1,500 to $1,860; average, $1,680—						
Assistant scientific aid	0.6	1,500	0.6	1,500	0.3	1,500
Grade 3, $1,320 to $1,680; average, $1,500—						
Junior scientific aid	2	1,380	2	1,380	1.4	1,405
Grade 2, $1,140 to $1,500; average, $1,320—						
Underscientific helper	3	1,300	3	1,300	3	1,240
Grade 1, $900 to $1,260; average, $1,080—						
Minor laboratory apprentice	0.9	1,020	0.9	1,020	1	900
Clerical, administrative, and fiscal service—						
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk-stenographer	1	1,680	1	1,680	1	1,680
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	1	1,680	1	1,620	1	1,590
Custodial service—						
Grade 3, $1,020 to $1,260; average, $1,140—						
Senior laborer	1	1,200	1	1,200	1	1,200
Total average number of employees	12.5		12.5		11.8	
01 Total salaries, departmental service		22,640.00		22,640.00		20,986.96
Supplies and materials:						
0200 Photographic supplies		150.00		150.00		140.69
0220 Scientific supplies		1,000.00		1,000.00		922.05
0230 Fuel		1,000.00		1,000.00		2,758.11
0280 Sundry supplies		250.00		250.00		290.45
0290 Materials		250.00		250.00		247.77
02 Total supplies and materials		2,650.00		2,650.00		4,359.07
06 Travel expenses		175.00		175.00		160.56
12 Repairs and alterations		250.00		250.00		370.50
30 Equipment		2,385.00		2,385.00		1,437.62
						27,314.71
Unobligated balance						785.29
Total		28,100.00		28,100.00		28,100.00

Investigation of Public Utility Standards, Bureau of Standards—

Investigation of public utility standards: For investigation of the standards of practice and methods of measurements of public utilities, such as gas, electric light, electric power, water, telephone, central station heating, and electric railway service, and the solution of the problems which arise in connection with standards in such service, including personal services in the District of Columbia and in the field, $100,000, of which amount not to exceed $90,000 may be expended for personal services in the District of Columbia (*U. S. C., p. 60, secs. 591, 597; p. 378, secs. 271–278; act Feb. 24, 1927, vol. 44, p. 1207*) $100,000.00 $100,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional service—	*Average—*		*Average—*		*Average—*	
Grade 5, $5,200 to $6,000; average, $5,600—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Senior scientist	3	$5,267	3	$5,267	3.1	$5,232
Grade 4, $3,800 to $5,000; average, $4,400—						
Scientist	4	4,150	4	4,150	4.1	4,114
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate scientist	4	3,069	4	3,069	3.7	3,073
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant scientist	4	2,500	4	2,500	3.4	2,515
Grade 1, $1,860 to $2,400; average, $2,111—						
Junior scientist	5	1,912	5	1,912	5.7	1,903
Subprofessional service—						
Grade 6, $1,830 to $2,400; average, $2,111—						
Senior laboratory mechanic	1	2,100	1	2,100	0.8	2,076
Grade 5, $1,680 to $2,040; average, $1,860—						
Laboratory mechanic	1	1,860	1	1,860	2.6	1,850
Grade 4, $1,500 to $1,860; average, $1,680—						
Assistant scientific aid	2	1,620	2	1,620	1	1,620
Grade 3, $1,320 to $1,680; average, $1,500—						
Junior scientific aid	1	1,320	1	1,320	0.7	1,320
Grade 2, $1,440 to $1,500; average, $1,320—						
Under scientific helper	1.9	1,200	1.9	1,200	1.6	1,216
Grade 1, $900 to $1,260; average, $1,080—						
Minor scientific helper	2	900	2	900	1.9	900

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Investigation of Public Utility Standards, Bureau of Standards—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service—Continued.						
Salaries—Continued.						
Clerical, administrative, and fiscal service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 7, $2,400 to $3,000; average, $2,700— Junior administrative assistant					0.2	$2,500
Grade 5, $1,860 to $2,400; average, $2,111— Senior clerk	2	$2,050	2	$2,050	1.5	2,033
Grade 4, $1,680 to $2,040; average, $1,860— Clerk-stenographer	4	1,800	4	1,800	4.1	1,838
Grade 2, $1,320 to $1,680; average, $1,500— Junior clerk					0.5	1,460
Custodial service—						
Grade 8, $1,860 to $2,400; average, $2,111— Principal mechanic	1	1,860	1	1,860	0.7	1,860
Total average number of employees	35.0		35.9		35.6	
Total salaries, departmental service		90,000.00		90,000.00		89,630.61
Deduct expenditures for personal services included in objects named below		2,300.00		2,300.00		3,900.00
01 Total personal services		87,700.00		87,700.00		85,730.61
Supplies and materials:						
0200 Stationery and office supplies		250.00		250.00		267.55
0220 Scientific supplies		650.00		650.00		621.18
0280 Sundry supplies		600.00		600.00		602.37
0290 Materials		1,400.00		1,400.00		1,416.22
02 Total supplies and materials		2,900.00		2,900.00		2,907.32
06 Travel expenses		2,700.00		2,700.00		2,833.72
12 Repairs and alterations						66.50
30 Equipment		6,700.00		6,700.00		7,657.14
						99,195.29
Unobligated balance						804.71
Total		100,000.00		100,000.00		100,000.00

Testing Miscellaneous Materials, Bureau of Standards—

Testing miscellaneous materials: For testing miscellaneous materials, such as varnish materials, soap materials, inks, and chemicals, including supplies for the Government departments and independent establishments, including personal services in the District of Columbia and in the field, as authorized by law, $44,000, of which amount not to exceed $42,000 may be expended for personal services in the District of Columbia (*U. S. C., p. 60, secs. 591, 597; p. 378, secs. 271–278; act Feb. 24, 1927, vol. 44, p. 1207*) $44,000.00 $44,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 5, $5,200 to $6,000; average, $5,600— Senior scientist	1	$5,200	1	$5,200	0.7	$5,200
Grade 2, $2,400 to $3,000; average, $2,700— Assistant scientist	4	2,450	4	2,450	4	2,400
Grade 1, $1,860 to $2,100; average, $2,111.42— Junior scientist	6.7	1,890	6.7	1,890	6.7	1,894
Subprofessional service—						
Grade 6, $1,860 to $2,400; average, $2,111— Senior scientific aid	1	1,920	1	1,920	1	1,860
Grade 4, $1,500 to $1,860; average, $1,680— Assistant scientific aid	1	1,740	1	1,740	2.1	1,665
Grade 2, $1,140 to $1,500; average, $1,320— Under scientific helper	2	1,230	2	1,230	0.9	1,140
Grade 1, $900 to $1,260; average, $1,080— Minor scientific helper	1.1	900	1.1	900	0.3	900
Clerical, administrative, and fiscal service—						
Grade 5, $1,860 to $2,400; average, $2,111— Senior clerk	1	2,100	1	2,100	1	2,100
Grade 4, $1,680 to $2,040; average, $1,860— Clerk-stenographer	1	1,920	1	1,920	1	1,920
Grade 3, $1,500 to $1,860; average, $1,680— Assistant clerk-stenographer	1	1,740	1	1,740	1	1,740
Grade 2, $1,320 to $1,680; average, $1,500— Junior stenographer	1	1,500	1	1,500	1	1,470
Total average number of employees	20.8		20.8		19.7	
01 Total salaries, departmental service		42,000.00		42,000.00		39,806.79
Supplies and materials:						
0220 Scientific supplies		1,200.00		1,200.00		1,243.41
0290 Materials		300.00		300.00		353.77
02 Total supplies and materials		1,500.00		1,500.00		1,597.18
06 Travel expenses		100.00		100.00		100.00
30 Equipment		400.00		400.00		462.49
						41,966.46
Unobligated balance						2,123.54
Total		44,000.00		44,000.00		44,090.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Radio Research, Bureau of Standards— Radio research: For investigation and standardization of methods and instruments employed in radio communication, including personal services in the District of Columbia and in the field, $49,800, of which amount not to exceed $47,200 may be expended for personal services in the District of Columbia (*U. S. C., p. 60, secs. 591, 597; p. 378, secs. 271–278; act Feb. 24, 1927, vol. 44, p. 1207*)	$49,800.00	$49,800.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 5, $5,200 to $6,000; average, $5,600— Senior scientist	1	$5,400	1	$5,400	0.6	$5,400
Grade 4, $3,800 to $5,000; average, $4,400— Scientist	1	4,000	1	4,000	1.7	3,980
Grade 3, $3,000 to $3,600; average, $3,300— Associate scientist	2	3,150	2	3,150	0.9	3,100
Grade 2, $2,400 to $3,000; average, $2,700— Assistant scientist	2.1	2,450	2.1	2,450	2.8	2,471
Grade 1, $1,860 to $2,400; average, $2,111— Junior scientist	4.8	1,980	4.8	1,980	1.8	2,194
Subprofessional service—						
Grade 6, $1,860 to $2,400; average, $2,111.42— Senior laboratory mechanic	1.5	2,200	1.5	2,200	3	2,117
Grade 4, $1,500 to $1,860; average, $1,680— Assistant scientific aid	1	1,680	1	1,680	1	1,620
Grade 3, $1,320 to $1,680; average, $1,500— Junior scientific aid	2	1,320	2	1,320	1	1,320
Grade 2, $1,140 to $1,500; average, $1,320— Under scientific helper					1	1,200
Grade 1, $900 to $1,260; average, $1,080— Minor laboratory apprentice	1	960	1	960	1	900
Clerical, administrative and fiscal service—						
Grade 7, $2,400 to $3,000; average, $2,700— Junior administrative assistant					0.8	2,500
Grade 5, $1,860 to $2,400; average, $2,111— Senior clerk-stenographer					0.1	2,200
Grade 4, $1,680 to $2,010; average, $1,860— Clerk-stenographer	1	1,980	1	1,980	1	1,950
Grade 3, $1,500 to $1,860; average, $1,680— Assistant clerk-stenographer	1	1,680	1	1,680	1.1	1,689
Custodial service—						
Grade 9, $2,100 to $2,700; average, $2,400— Assistant mechanical superintendent	1	3,400	1	2,400	0.7	2,300
Grade 8, $1,860 to $2,400; average, $2,111— Principal mechanic					0.2	2,300
Grade 4, $1,140 to $1,500; average, $1,320— Undermechanic	1	1,140	1	1,140	0.6	1,140
Grade 3, $1,020 to $1,260; average, $1,140— Messenger	1	1,080	1	1,080	1	1,080
Total average number of employees	21.4		21.4		20.3	
Total salaries, departmental service		47,200.00		47,200.00		44,910.31
Deduct expenditures for personal services included in objects named below		2,000.00		2,000.00		3,800.00
01 Total personal services		45,200.00		45,200.00		41,110.31
Supplies and materials:						
0220 Scientific supplies		500.00		500.00		302.55
0290 Materials		150.00		150.00		77.53
02 Total supplies and materials		650.00		650.00		380.08
06 Travel expenses		300.00		300.00		249.92
07 Transportation of things		50.00		50.00		30.72
12 Repairs and alterations		200.00		200.00		185.76
30 Equipment		3,400.00		3,400.00		6,360.88
						48,317.67
Unobligated balance						1,482.33
Total		49,800.00		49,800.00		49,800.00

Color Standardization, Bureau of Standards— Color standardization: To develop color standards and methods of manufacture and of color measurements, with special reference to their industrial use in standardization and specification of colorants, such as dyestuffs, inks, and pigments, and other products, paint, paper, and textiles, in which color is a pertinent property, including personal services in the District of Columbia and in the field, $10,000, of which amount not to exceed $9,200 may be expended for personal services in the District of Columbia (*U. S. C., p. 60, secs. 591, 597; p. 378, secs. 271–278; act Feb. 24, 1927, vol. 44, p. 1208*) — 10,000.00 | 10,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Color Standardization, Bureau of Standards—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional service—	*Average—*		*Average—*		*Average—*	
Grade 5, $5,200 to $6,000; average, $5,600—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Senior scientist	1	$5,400	1	$5,400	1	$5,300
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate scientist	1	3,000	1	3,000	0.7	3,033
Subprofessional service—						
Grade 2, $1,140 to $1,500; average, $1,320—						
Under scientific helper	0.7	1,200	0.7	1,200	0.2	1,140
Grade 1, $900 to $1,260; average, $1,080—						
Minor scientific helper					0.1	960
Total average number of employees	2.7		2.7		2	
01 Total salaries, departmental service		9,200.00		9,200.00		7,701.64
Supplies and materials:						
0200 Photographic supplies		100.00		100.00		74.89
0220 Scientific supplies		350.00		350.00		385.74
02 Total supplies and materials		450.00		450.00		460.63
06 Travel expenses		50.00		50.00		
30 Equipment		300.00		300.00		286.25
						8,448.52
Unobligated balance						551.48
Total		10,000.00		10,000.00		9,000.00

Investigation of Clay Products, Bureau of Standards—

Investigation of clay products: To study methods of measurement and technical processes used in the manufacture of pottery, brick, tile, terra cotta, and other clay products, and the study of the properties of the materials used in that industry, including personal services in the District of Columbia and in the field, $47,000, of which amount not to exceed $21,500 may be expended for personal services in the District of Columbia (*U. S. C., p. 60, secs. 591, 597; p. 378, secs. 271–278; act Feb. 24, 1927, vol. 44, p. 1208*) $47,000.00 $47,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional service—	*Average—*		*Average—*		*Average—*	
Grade 2, $2,400 to $3,000; average, $2,700—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Assistant scientist	2.2	$2,722	2.2	$2,722	2.2	$2,685
Grade 1, $1,860 to $2,400; average, $2,111.42—						
Junior scientist	3	2,013	3	2,013	2.4	1,926
Subprofessional service—						
Grade 4, $1,500 to $1,860; average, $1,680—						
Assistant scientific aid	1	1,740	1	1,740	1	1,740
Grade 3, $1,320 to $1,680; average, $1,500—						
Junior scientific aid	1	1,560	1	1,560	1	1,560
Clerical, administrative, and fiscal service—						
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk-stenographer	1	1,800	1	1,800	1	1,800
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	1	1,440	1	1,440	1	1,440
Custodial service—						
Grade 7, $1,680 to $2,040; average, $1,860—						
Senior mechanic	1	1,740	1	1,740		
Grade 2, $900 to $1,140; average, $1,020—						
Junior laborer	1	1,080	1	1,080	1.4	985
Grade 1, $600 to $780; average, $690—						
Junior messenger	0.2	660	0.2	660	0.5	660
Total average number of employees	11.4		11.4		10.5	
Total salaries, departmental service		21,500.00		21,500.00		18,776.90
Field service:						
Salaries and wages—						
Salary range, $3,800 to $5,000; average, $4,400—						
Scientist in charge	1	3,800	1	3,800	1	3,900
Salary range, $3,000 to $3,600; average, $3,300—						
Associate scientist	2	3,050	2	3,050	2	3,000
Salary range, $1,860 to $2,400; average, $2,111.42—						
Senior scientific aid	2	1,860	2	1,860	1.5	1,860
Senior clerk	1	2,100	1	2,100	1	2,100

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Investigation of Clay Products, Bureau of Standards—Continued.

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Field service—Continued.						
	Salaries and wages—Continued.						
	Salary range, $1,320 to $1,680; average, $1,500—	*Average—* *No.*	*Salary*	*Average—* *No.*	*Salary*	*Average—* *No.*	*Salary*
	Junior scientific aid	2	$1,500	2	$1,500	1.6	$1,522
	Junior mechanic	1	1,320	1	1,320	1	1,320
	Salary range, $1,140 to $1,500; average, $1,320—						
	Minor scientific helper					0.1	1,140
	Total average number of employees	9		9		8.2	
	Total salaries and wages, field service		20,000.00		20,000.00		18,659.44
01	Total personal services		41,500.00		41,500.00		37,436.34
	Supplies and materials:						
0220	Scientific supplies		1,000.00		1,000.00		1,454.33
0234	Gas		1,500.00		1,500.00		265.73
0280	Sundry supplies		150.00		150.00		191.16
0290	Materials		250.00		250.00		234.77
02	Total supplies and materials		2,900.00		2,900.00		2,145.99
05	Telephone service		125.00		125.00		135.80
06	Travel expenses		500.00		500.00		544.96
07	Transportation of things		300.00		300.00		350.86
08	Blue printing		50.00		50.00		31.43
12	Repairs and alterations		150.00		150.00		169.53
13	Special and miscellaneous current expenses		75.00		75.00		86.30
	Equipment:						
3022	Scientific equipment		900.00		900.00		3,144.94
3050	Other equipment		500.00		500.00		678.02
30	Total equipment		1,400.00		1,400.00		3,822.96
							44,724.17
	Unobligated balance						2,275.83
	Total		47,000.00		47,000.00		47,000.00

Standardizing Mechanical Appliances, Bureau of Standards—

Standardizing mechanical appliances: To develop methods of testing and standardizing machines, motors, tools, measuring instruments, and other apparatus and devices used in mechanical, hydraulic, and aeronautic engineering; for the comparative study of types of apparatus and methods of operation, and for the establishment of standards of performance; for the accurate determination of fundamental physical constants involved in the proper execution of this work; and for the scientific experiments and investigations needed in solving the problems which may arise in connection therewith, especially in response to the requirements of aeronautics and aviation for information of a purely scientific nature, including personal services in the District of Columbia and in the field, $27,800, of which amount not to exceed $25,580 may be expended for personal services in the District of Columbia (*U. S. C., p. 60, secs. 591, 597; p. 378, secs. 271–278; act Feb. 24, 1927, vol. 44, p. 1208*) $27,800.00 $27,800.00

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Departmental service:						
	Salaries—						
	Professional service—						
	Grade 6, $6,000 to $7,500; average, $6,750—	*Average—* *No.*	*Salary*	*Average—* *No.*	*Salary*	*Average—* *No.*	*Salary*
	Chief scientist (chief Division VI and assistant director)	1	$6,500	1	$6,500	0.2	$6,500
	Grade 5, $5,200 to $6,000; average, $5,600—						
	Senior scientist (chief Division VI, 1927)	0.5	5,200	0.5	5,200	1.6	5,621
	Grade 3, $3,000 to $3,600; average, $3,300—						
	Associate scientist	1	3,000	1	3,000	1.2	3,100
	Grade 2, $2,400 to $3,000; average, $2,700—						
	Assistant scientist	1	2,600	1	2,600	1.1	2,423
	Grade 1, $1,800 to $2,400; average, $2,111—						
	Junior scientist	1	1,920	1	1,920	1	1,860
	Subprofessional service—						
	Grade 6, $1,800 to $2,400; average, $2,111.42—						
	Senior laboratory mechanic	1	2,100	1	2,100	0.2	2,200
	Senior scientific aid	1	1,860	1	1,860		
	Grade 5, $1,680 to $2,040; average, $1,860—						
	Laboratory mechanic					0.7	1,800

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Standardizing Mechanical Appliances, Bureau of Standards—Continued.

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Departmental service—Continued.						
	Salaries—Continued.						
	Clerical, administrative, and fiscal service—	*Average—*		*Average—*		*Average—*	
	Grade 5, $1,860 to $2,400; average, $2,111.42—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Senior clerk-stenographer	0.5	$2,200	0.5	$2,200	0.7	$2,122
	Grade 4, $1,680 to $2,040; average, $1,860—						
	Clerk-stenographer	0.5	1,920	0.5	1,920	0.3	1,920
	Custodial service—						
	Grade 6, $1,500 to $1,860; average, $1,680—						
	Mechanic	1.8	1,631	1.8	1,631	0.6	1,740
	Grade 2, $900 to $1,140; average, $1,020—						
	Junior laborer					0.7	920
	Total average number of employees	9.3		9.3		8.3	
	Total salaries, departmental service		25,580.00		25,580.00		23,972.89
	Deduct expenditures for personal services included in objects named below		1,250.00		1,250.00		1,030.00
01	Total personal services		24,330.00		24,330.00		22,942.89
02	Supplies and materials		600.00		600.00		473.95
06	Travel expenses		250.00		250.00		161.63
07	Transportation of things		50.00		50.00		23.78
10	Furnishing of heat, light, and power		400.00		400.00		400.00
30	Equipment		2,170.00		2,170.00		2,773.97
							26,776.22
	Unobligated balance						1,023.78
	Total		27,800.00		27,800.00		27,800.00

Investigation of Optical Glass, Bureau of Standards—

Investigation of optical glass: For the investigation of the problems involved in the production of optical glass, including personal services in the District of Columbia and in the field, $20,520, of which amount not to exceed $17,000 may be expended for personal services in the District of Columbia (*U. S. C., p. 60, secs. 591, 597; p. 378, secs. 271–278; act Feb. 24, 1927, vol. 44, p. 1208*) $20,520.00 $20,520.00

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Departmental service:						
	Salaries—						
	Professional service—	*Average—*		*Average—*		*Average—*	
	Grade 4, $3,800 to $5,000; average, $4,400—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Scientist	0.7	$4,200	0.7	$4,200	0.9	$4,091
	Grade 3, $3,000 to $3,600; average, $3,300—						
	Associate scientist	1	3,400	1	3,400	1	3,300
	Grade 2, $2,400 to $3,000; average, $2,700—						
	Assistant scientist	1	2,400	1	2,400	1	2,400
	Grade 1, $1,860 to $2,400; average, $2,111—						
	Junior scientist	1.2	1,860	1.2	1,860	0.7	1,860
	Subprofessional service—						
	Grade 4, $1,500 to $1,860; average, $1,680—						
	Assistant laboratory mechanic	0.9	1,800	0.9	1,800	1	1,740
	Assistant scientific aid	1.5	1,540	1.5	1,540	1.3	1,551
	Grade 2, $1,140 to $1,500; average, $1,320—						
	Under scientific helper	1	1,200	1	1,200	1	1,200
	Custodial service—						
	Grade 2, $900 to $1,140; average, $1,020—						
	Junior laborer	1	900	1	900	1	900
	Total average number of employees	8.3		8.3		7.9	
	Total salaries, departmental service		17,000.00		17,000.00		16,549.98
	Deduct expenditures for personal services included in objects named below		1,080.00		1,080.00		1,050.00
01	Total personal services		15,920.00		15,920.00		15,499.98
	Supplies and materials:						
0220	Scientific supplies		500.00		500.00		889.43
0234	Gas		2,000.00		2,000.00		
0290	Materials		500.00		500.00		593.66
02	Total supplies and materials		3,000.00		3,000.00		1,483.09
06	Travel expenses		100.00		100.00		
20	Repairs and alterations		150.00		150.00		170.00
31	Equipment		1,350.00		1,350.00		2,611.60
							19,764.67
	Unobligated balance						755.33
	Total		20,520.00		20,520.00		20,520.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Investigation of Textiles, Bureau of Standards—		
Investigation of textiles: To investigate textiles, paper, leather, and rubber in order to develop standards of quality and methods of measurement, including personal services in the District of Columbia and in the field, [$40,700] *$50,700*, of which amount not to exceed [$35,120] *$43,240* may be expended for personal services in the District of Columbia (*U. S. C., p. 60, secs. 591, 597; p. 378, secs. 271–278; act Feb. 24, 1927, vol. 44, p. 1208*)	$50,700.00	$40,700.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 4, $3,800 to $5,000; average, $4,400—						
Scientist	1	$3,800				
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate scientist	2	3,150	2	$3,150	2.6	$3,081
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant scientist	2	2,750	2	2,750	1.2	2,614
Grade 1, $1,860 to $2,400 average, $2,111.42—						
Junior scientist	7	1,880	6	1,883	3.2	1,875
Subprofessional service—						
Grade 8, $2,400 to $3,000 average, $2,700—						
Chief scientific aid	2	2,650	2	2,650	1.3	2,580
Grade 3, $1,320 to $1,680 average, $1,500—						
Junior scientific aid	2	1,350	1	1,380		
Grade 2, $1,140 to $1,500; average, $1,320—						
Underscientific helper	3	1,180	2	1,200		
Grade 1, $900 to $1,260; average, $1,080—						
Minor scientific helper	1	900	1	900	0.4	900
Clerical, administrative, and fiscal service—						
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk-stenographer	1	2,040	1	2,040	1	2,040
Total average number of employees	21		17		9.7	
01 Total salaries, departmental service		43,240.00		35,120.00		22,898.56
The difference between 1929 and 1928 is due to increase in force, $8,120.						
Supplies and materials:						
0200 Photographic supplies		500.00		500.00		578.72
0220 Scientific supplies		1,200.00		600.00		711.22
0290 Materials		300.00		200.00		229.13
02 Total supplies and materials		2,000.00		1,300.00		1,519.07
06 Travel expenses		750.00		500.00		557.57
12 Repairs and alterations		300.00		250.00		303.98
30 Equipment		4,410.00		3,530.00		8,988.08
						34,267.26
Unobligated balance						732.74
Total		50,700.00		40,700.00		35,000.00

Sugar Standardization, Bureau of Standards—

Sugar standardization: For the standardization and design of sugar-testing apparatus; the development of technical specifications for the various grades of sugars, [with particular reference to urgent problems made pressing by conditions following the war,] especially involving the standardization and manufacture of sugars; for the study of the technical problems incidental to the collection of the revenue on sugar and to determine the fundamental scientific constants of sugars and other substances; for the standardization and production of rare and unusual types of sugars required for the medical service of the Government departments; and for other technical and scientific purposes, including personal services in the District of Columbia and in the field, [$48,160] *$53,160*, of which amount not to exceed [$44,000] *$48,670* may be expended for personal services in the District of Columbia (*U. S. C., p. 60, secs. 591, 597; p. 378, secs. 271–278; act Feb. 24, 1927, vol. 44, p. 1208*) — 53,160.00 — 48,160.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 5, $5,200 to $6,000; average, $5,600—						
Senior scientist	2	$5,400	2	$5,400	2	$5,200
Grade 4, $3,800 to $5,000; average, $4,400—						
Scientist	1	4,200	1	4,200		
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate scientist	2.5	3,124	2.4	3,124	2.2	3,069
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant scientist	2	2,400	1	2,400		
Grade 1, $1,860 to $2,400; average, $2,111—						
Junior scientist	5	1,913	4	1,940	1.8	1,937

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Sugar Standardization, Bureau of Standards—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service—Continued.						
Salaries—Continued.						
Subprofessional service—	*Average—*		*Average—*		*Average—*	
Grade 6, $1,860 to $2,400; average, $2,111-42—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Senior laboratory mechanic	1	$2,100	0.9	$2,100	1	$2,100
Senior engineering draftsman	1	1,860	1	1,860		
Grade 4, $1,500 to $1,860; average, $1,680—						
Assistant scientific aid	1	1,530	1	1,560	0.7	1,560
Grade 3, $1,320 to $1,680; average, $1,500—						
Junior scientific aid	1	1,350	1	1,380	1	1,380
Clerical, administrative, and fiscal service—						
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk-stenographer	1	1,980	1	1,980	1	1,920
Custodial service—						
Grade 7, $1,680 to $2,040; average, $1,860—						
Senior mechanic	0.5	1,680	0.5	1,680	0.2	1,680
Grade 4, $1,140 to $1,500; average, $1,320—						
Under mechanic	0.7	1,320	0.7	1,320	0.8	1,320
Grade 2, $900 to $1,140; average, $1,020—						
Junior laborer	1	900	1	900	0.7	900
Total average number of employees	19.7		17.5		11.4	
Total salaries, departmental service		48,670.00		44,000.00		29,147.75
Deduct expenditures for personal services included in objects named below		1,050.00		1,050.00		1,260.00
01 Total personal services		47,620.00		42,950.00		27,887.75
The difference between 1929 and 1928 is due to increase in force, $4,670.						
Supplies and materials:						
0220 Scientific supplies		1,600.00		1,600.00		1,790.80
0290 Materials		300.00		300.00		244.63
02 Total supplies and materials		1,900.00		1,900.00		2,035.43
06 Travel expenses		100.00		100.00		51.57
30 Equipment		3,540.00		3,210.00		7,700.53
						37,675.28
Unobligated balance						484.72
Total		53,160.00		48,160.00		38,160.00

Gauge Standardization, Bureau of Standards—

Gauge standardization: To provide by cooperation of the Bureau of Standards, the War Department, and the Navy Department for the standardization and testing of the standard gauges, screw threads, and standards required in manufacturing throughout the United States, and to calibrate and test such standard gauges, screw threads, and standards, including necessary equipment and personal services in the District of Columbia and in the field, $38,320, of which amount not to exceed $36,180 may be expended for personal services in the District of Columbia (*U. S. C., p. 60, secs. 591, 597; p. 378, secs. 271–278; act Feb. 24, 1927, vol. 44, p. 1208*) $38,320.00 $38,320.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional service—	*Average—*		*Average—*		*Average—*	
Grade 5, $5,200 to $6,000; average, $5,600—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Senior scientist (co-chief Div. II)	1	$5,600	1	$5,600	1	$5,300
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate scientist	2	3,150	2	3,150	2.3	3,064
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant scientist	1	2,400	1	2,400	0.4	2,400
Grade 1, $1,860 to $2,400; average, $2,111.42—						
Junior scientist	2.2	1,960	2.2	1,960	2.5	1,989
Subprofessional service—						
Grade 8, $2,400 to $3,000; average, $2,700—						
Chief engineering inspector	1	2,400	1	2,400	1	2,400
Grade 7, $2,100 to $2,700; average, $2,400—						
Principal laboratory mechanic	1	2,500	1	2,500	0.5	2,400
Grade 6, $1,860 to $2,400; average, $2,111—						
Senior laboratory mechanic	2	2,200	2	2,200	1.9	2,200
Grade 5, $1,680 to $2,040; average, $1,860—						
Laboratory mechanic	0.3	1,980	0.3	1,980	0.7	1,900
Grade 3, $1,320 to $1,680; average, $1,600—						
Junior scientific aid	1	1,320	1	1,320	0.4	1,320
Grade 2, $1,140 to $1,500; average, $1,320—						
Underscientific helper					0.7	1,200
Grade 1, $900 to $1,260; average, $1,080—						
Minor scientific helper					0.6	900

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Gauge Standardization, Bureau of Standards—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Departmental service—Continued.			
Salaries—Continued.			
Clerical, administrative, and fiscal service—	*Average—*	*Average—*	*Average—*
	No. *Salary*	*No.* *Salary*	*No.* *Salary*
Grade 5, $1,860 to $2,400; average, $2,111.42—			
Senior clerk-stenographer	1 $2,200	1 $2,200	1 $2,200
Grade 4, $1,680 to $2,040; average, $1,860—			
Clerk-stenographer	0.8 1,680	0.8 1,680	0.5 1,720
Grade 3, $1,500 to $1,860; average, $1,680—			
Assistant clerk	1 1,620	1 1,620	1 1,560
Grade 1, $1,140 to $1,500; average, $1,320—			
Underclerk	1 1,200	1 1,200	1.3 1,214
Total average number of employees	15.3	15.3	15.8
Total salaries, departmental service	36,180.00	36,180.00	35,561.99
Deduct expenditures for personal services included in objects named below	3,000.00	3,000.00	2,600.00
01 Total personal services	33,180.00	33,180.00	32,961.99
Supplies and materials:			
0220 Scientific supplies	250.00	250.00	208.20
0280 Sundry supplies	350.00	350.00	321.34
0290 Materials	200.00	200.00	207.04
02 Total supplies and materials	800.00	800.00	736.58
06 Travel expenses	450.00	450.00	368.53
30 Equipment	3,890.00	3,890.00	3,576.67
			37,643.77
Unobligated balance			676.23
Total	38,320.00	38,320.00	38,320.00

Investigation of Mine Scales and Cars, Bureau of Standards—

Investigation of mine scales and cars: For investigating the conditions and methods of use of scales and mine cars used for weighing and measuring coal dug by miners, for the purpose of determining wages due, and of conditions affecting the accuracy of the weighing or measuring of coal at the mines, including personal services in the District of Columbia and in the field, $12,800, of which amount not to exceed $9,600 may be expended for personal services in the District of Columbia (*U. S. C., p. 60, secs. 591, 597; p. 378, secs. 271–278; act Feb. 24, 1927, vol. 44, p. 1209*) $12,800.00 $12,800.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 192[illegible]
Departmental service:			
Salaries—			
Professional service—	*Average—*	*Average—*	*Average—*
	No. *Salary*	*No.* *Salary*	*No.* *Salary*
Grade 4, $3,800 to $5,000; average, $4,400—			
Scientist	1 $4,200	1 $4,200	1 $4,000
Subprofessional service—			
Grade 6, $1,860 to $2,400; average, $2,111.42—			
Senior scientific aid	1.4 1,880	1.4 1,880	0.7 1,860
Grade 4, $1,500 to $1,860; average, $1,680—			
Assistant scientific aid			0.2 1,740
Grade 2, $1,140 to $1,500; average, $1,320—			
Underscientific helper			0.3 1,140
Clerical, administrative, and fiscal service—			
Grade 5, $1,860 to $2,400; average, $2,111.42—			
Senior clerk			0.2 1,860
Grade 3, $1,500 to $1,860; average, $1,680—			
Assistant clerk-stenographer	1.6 1,740	1.6 1,740	1.7 1,774
Total average number of employees	4	4	4.1
01 Total salaries, departmental service	9,600.00	9,600.00	9,383.80
Supplies and materials:			
0230 Fuel	200.00	200.00	176.83
0280 Sundry supplies	500.00	500.00	505.23
02 Total supplies and materials	700.00	700.00	682.06
04 Storage	75.00	75.00	83.25
06 Travel expenses	2,025.00	2,025.00	1,948.10
12 Repairs and alterations	100.00	100.00	109.35
30 Equipment	300.00	300.00	235.25
			12,441.81
Unobligated balance			358.19
Total	12,800.00	12,800.00	12,800.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Metallurgical Research, Bureau of Standards—		
Metallurgical research: For metallurgical research, including alloy steels, foundry practice, and standards for metals and sands; casting, rolling, forging, and the properties of aluminum alloys; prevention of corrosion of metals and alloys; development of metal substitutes, as for platinum; behavior of bearing metals; preparation of metal specifications; investigation of new metallurgical processes and study of methods of conservation in metallurgical manufacture and products; investigation of materials used in the construction of rails, wheels, axles, and other railway equipment, and the cause of their failure; including personal services in the District of Columbia and in the field, $48,140, of which amount not to exceed $44,600 may be expended for personal services in the District of Columbia (*U. S. C., p. 60, secs. 591, 597; p. 378, secs. 271–278; act Feb. 24, 1927, vol. 44, p. 1209*)	$48,140.00	$48,140.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional service—	*Average*—		*Average*—		*Average*—	
Grade 5, $5,200 to $6,000; average, $5,600—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Senior scientist (1 chief of division)	2	$5,500	2	$5,500	2.2	$5,338
Grade 4, $3,800 to $5,000; average, $4,400—						
Scientist	1	4,000	1	4,000	0.9	3,909
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate scientist	1	3,000	1	3,000	0.4	3,000
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant scientist—	2	2,650	2	2,650	2.7	2,494
Grade 1, $1,860 to $2,400; average, $2,111—						
Junior scientist	3	1,900	3	1,900	1.7	1,860
Subprofessional service—						
Grade 6, $1,860 to $2,400; average, $2,111—						
Senior scientific aid	0.6	2,000	0.6	2,000	0.4	2,000
Grade 3, $1,320 to $1,680; average, $1,500—						
Junior scientific aid	1.1	1,440	1.1	1,440		
Grade 2, $1,140 to $1,500; average, $1,320—						
Under laboratory apprentice	2	1,170	2	1,170	1.9	1,184
Grade 1, $900 to $1,260; average, $1,080—						
Minor scientific helper	2.1	1,020	2.1	1,020	1.2	921
Clerical, administrative, and fiscal service—						
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant	1	3,000	1	3,000		
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	1	1,920	1	1,920	1	1,890
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk-stenographer	2	1,710	2	1,710	2.7	1,702
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk					0.4	1,140
Custodial service—						
Grade 7, $1,680 to $2,040; average, $1,860—						
Senior mechanic					0.7	1,920
Grade 2, $900 to $1,140; average, $1,020—						
Assistant messenger					0.4	900
Total average number of employees	18.8		18.8		16.6	
01 Total salaries, departmental service		44,600.00		44,600.00		39,160.56
Supplies and materials:						
0200 Photographic supplies		200.00		200.00		190.23
0220 Scientific supplies		500.00		500.00		483.20
0280 Sundry supplies		400.00		400.00		406.65
0290 Materials		500.00		500.00		572.05
02 Total supplies and materials		1,600.00		1,600.00		1,658.13
06 Travel expenses		500.00		500.00		609.13
12 Repairs and alterations		250.00		250.00		201.80
30 Equipment		1,190.00		1,190.00		1,010.74
						42,640.36
Unobligated balance						499.64
Total		48,140.00		48,140.00		43,140.00

High-Temperature Investigations, Bureau of Standards—		
High-temperature investigations: For laboratory and field investigations of suitable methods of high-temperature measurements and control in various industrial processes and to assist in making available directly to the industries the results of the bureau's investigations in this field, including personal services in the District of Columbia and in the field, $9,740, of which amount not to exceed $8,460 may be expended for personal services in the District of Columbia (*U. S. C., p, 60, secs. 591, 597; p. 378, secs. 271–278; act Feb. 24, 1927, vol. 44, p. 1209*)	9,740.00	9,740.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

High-Temperature Investigations, Bureau of Standards—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional service—	*Average—*		*Average—*		*Average—*	
Grade 4, $3,800 to $5,000; average, $4,400—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Scientist	0.3	$4,000	0.3	$4,000	0.2	$4,000
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate scientist	0.8	3,050	0.8	3,050	0.7	3,057
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant scientist	1	2,500	1	2,500	0.7	2,455
Grade 1, $1,860 to $2,400; average, $2,111.42—						
Junior scientist	1	1,920	1	1,920	1	1,920
Subprofessional service—						
Grade 6, $1,860 to $2,400; average, $2,111—						
Senior laboratory mechanic	0.2	2,100	0.2	2,100	0.2	2,100
Grade 2, $1,140 to $1,500; average, $1,320—						
Underlaboratory mechanic					0.3	1,380
Clerical, administrative, and fiscal service—						
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk-stenographer					0.2	1,800
Total average number of employees	3.3		3.3		3.3	
01 Total salaries, departmental service		8,460.00		8,460.00		7,779.69
02 Scientific supplies		400.00		400.00		362.75
06 Travel expenses		200.00		200.00		229.00
30 Equipment		680.00		680.00		1,068.79
						9,440.23
Unobligated balance						299.77
Total		9,740.00		9,740.00		9,740.00

Sound Investigation, Bureau of Standards—

Sound investigation: For the investigation of the principles of sound and their application to military and industrial purposes, including personal services in the District of Columbia and in the field, $10,580, of which amount not to exceed $9,700 may be expended for personal services in the District of Columbia (*U. S. C., p. 60, secs. 591, 597; p. 378, secs. 271–278; act Feb. 24, 1927, vol. 44, p. 1209*) $10,580.00 $10,580.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional services—	*Average—*		*Average—*		*Average—*	
Grade 5, $5,200 to $6,000; average, $5,600—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Senior scientist	1	$5,200	1	$5,200	0.8	$5,200
Grade 4, $3,800 to $5,000; average, $4,400—						
Scientist	0.4	4,000	0.4	4,000	0.4	3,800
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant scientist	1	2,400	1	2,400	1	2,525
Clerical, administrative, and fiscal service—						
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant					0.2	3,000
Custodial service—						
Grade 3, $1,020 to $1,260; average, $1,140—						
Senior laborer	0.5	1,020	0.5	1,020	0.2	1,020
Total average number of employees	2.9		2.9		2.6	
01 Total salaries departmental service		9,700.00		9,700.00		9,075.40
02 Supplies and materials		500.00		500.00		590.27
06 Travel expenses		150.00		150.00		190.51
12 Repairs and alterations		30.00		30.00		23.50
30 Equipment		200.00		200.00		225.74
						10,105.42
Unobligated balance						474.58
Total		10,580.00		10,580.00		10,580.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Industrial Research, Bureau of Standards—		
Industrial research: For technical investigations in cooperation with the industries upon fundamental problems involved in industrial development [following the war], with a view to assisting in the permanent establishment of [the] new American industries, including personal services in the District of Columbia and elsewhere, [$172,320] *$190,000*, of which amount not to exceed [$165,000] *$180,390* may be expended for personal services in the District of Columbia (*U. S. C., p. 60, secs. 591, 597; p. 378, secs. 271–278; act Feb. 24, 1927, vol. 44, p. 1209*)	$190,000.00	$172,320.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 5, $5,200 to $6,000; average, $5,600—						
Senior scientist	4.4	$5,329	4.4	$5,329	5.2	$5,346
Grade 4, $3,800 to $5,000; average, $4,400—						
Scientist	6.8	4,157	5.8	4,219	5.5	4,164
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate scientist	9	3,223	8	3,250	10	3,173
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant scientist	14	2,551	13	2,569	6.8	2,552
Grade 1, $1,860 to $2,400; average, $2,111.42—						
Junior scientist	9	1,960	8	1,985	6.8	2,001
Subprofessional service—						
Grade 7, $2,100 to $2,700; average, $2,400—						
Principal laboratory mechanic	1	2,500	1	2,500	0.6	2,400
Grade 6, $1,860 to $2,400; average, $2,111.42—						
Senior scientific aid	2	1,890	1	1,920	1.2	1,911
Senior laboratory mechanic	1.6	2,133	1.7	2,133	4.2	2,157
Grade 5, $1,680 to $2,040; average, $1,860—						
Scientific aid	1	1,680			0.5	1,680
Grade 4, $1,500 to $1,860, average; $1,680—						
Assistant scientific aid	3.3	1,645	3.4	1,645	2.6	1,589
Grade 3, $1,320 to $1,680; average, $1,500—						
Junior scientific aid	5	1,332	4	1,335	2.7	1,371
Grade 2, $1,140 to $1,500; average, $1,320—						
Underscientific helper	3	1,160	3	1,160	2.4	1,140
Grade 1, $900 to $1,260; average, $1,080—						
Minor scientific helper	4	915	4	915	3.2	924
Clerical, administrative, and fiscal service—						
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	1	2,142	1	2,142	1.7	2,005
Grade 4, $1,680 to $2,040, average; $1,860—						
Clerk-stenographer	1	2,040	1	2,040	0.3	1,860
Photographer	1	1,740	1	1,740		
Grade 3, $1,500 to $1,860, average; $1,680—						
Assistant clerk	1.5	1,720	1.5	1,720	0.9	1,800
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior photographer	1	1,320	1	1,320	1.2	1,320
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	1	1,140	1	1,140	0.2	1,140
Custodial service—						
Grade 10, $2,400 to $3,000; average, $2,700—						
Chief mechanical superintendent (electrician)					0.8	2,400
Grade 9, $2,100 to $2,700; average, $2,400—						
Assistant mechanical superintendent (electrician)					0.2	2,200
Grade 7, $1,680 to $2,040; average, $1,860—						
Senior mechanic	1	2,040	1	2,040	0.2	1,680
Grade 5, $1,320 to $1,680; average, $1,500—						
Junior mechanic	1	1,380	1	1,380	1	1,320
Grade 4, $1,140 to $1,500; average, $1,320—						
Undermechanic	1	1,320	1	1,320	0.2	1,320
Grade 3, $1,020 to $1,260; average, $1,140—						
Senior laborer					0.2	1,140
Grade 2, $900 to $1,140; average, $1,020—						
Junior laborer					0.2	960
Total average number of employees	73.6		66.8		58.8	
Total salaries, departmental service		180,390.00		165,000.00		152,745.84
Deduct expenditures for personal services included in objects named below		3,700.00		3,700.00		6,200.00
01 Total personal services		176,690.00		161,300.00		146,545.84
The difference between 1929 and 1928 is due to increase in force, $15,390.						
Supplies and materials:						
0200 Stationery and office supplies		550.00		500.00		681.79
0220 Scientific supplies		2,000.00		1,220.00		1,881.06
0230 Fuel		200.00		150.00		158.00
0280 Sundry supplies		500.00		450.00		698.71
0290 Materials		850.00		750.00		1,113.18
02 Total supplies and materials		4,100.00		3,070.00		4,532.74
06 Travel expenses		2,100.00		2,000.00		2,124.03
10 Furnishing heat, light, and power		1,200.00		1,000.00		2,750.00
12 Repairs and alterations		150.00		100.00		71.06
Equipment:						
3022 Scientific equipment		5,410.00		4,500.00		13,899.81
3050 Other equipment		350.00		350.00		398.98
30 Total equipment		5,760.00		4,850.00		14,298.79
						170,322.46
Unobligated balance						3,797.54
Total		190,000.00		172,320.00		174,120.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Testing Railroad Track and Other Scales, Bureau of Standards—		
Testing railroad track and other scales: For investigation and testing of railroad track scales, elevator scales, and other scales used in weighing commodities for interstate shipments and to secure equipment and assistance for testing the scales used by the Government in its transactions with the public, such as post office, navy yard, and customhouse scales, and for the purpose of cooperating with the States in securing uniformity in the weights and measures laws and in the methods of inspection, including personal services in the District of Columbia and in the field, $47,000, of which amount not to exceed $25,460 may be expended for personal services in the District of Columbia (*U. S. C., p. 60, secs. 591, 597; p. 378, secs. 271–278; act Feb. 24, 1927, vol. 44, p. 1209*)	$47,000.00	$47,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional service—	*Average*—		*Average*—		*Average*—	
Grade 5, $5,200 to $6,000; average, $5,600—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Senior scientist (cochief, Div. II)	1	$5,600	1	$5,600	1	$5,300
Grade 4, $3,800 to $5,000; average, $4,400—						
Scientist	1	4,200	1	4,200	1	4,000
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate scientist	0.9	3,000	0.9	3,000	0.2	3,000
Subprofessional service—						
Grade 8, $2,400 to $3,000; average, $2,700—						
Chief scientific aid	1.1	2,500	1.1	2,500	1.8	2,609
Grade 6, $1,860 to $2,400; average, $2,111—						
Senior scientific aid	2	1,890	2	1,890	2	1,893
Grade 5, $1,680 to $2,040; average, $1,860—						
Scientific aid	0.3	1,800	0.3	1,800	0.4	1,740
Clerical, administrative, and fiscal service—						
Grade 8, $2,700 to $3,300; average, $3,000—						
Administrative assistant	1	2,800	1	2,800	0.2	2,700
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk					0.8	2,700
Grade 5, $1,860 to $2,400; average, $2,111—						
Senior clerk-stenographer	1	2,200	1	2,200	0.8	2,122
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	0.5	1,800	0.5	1,800	0.7	1,760
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk					0.2	1,320
Total average number of employees	8.8		8.8		9.1	
Total salaries, departmental service		25,460.00		25,460.00		24,968.77
Field service:						
Salaries and wages—						
Salary range, $3,000 to $3,600; average, $3,300—						
Associate scientist	1	3,000	1	3,000		
Salary range, $1,680 to $2,040; average, $1,860—						
Scientific aid	2	1,830	2	1,830		
Total average number of employees	3		3			
Total salaries and wages, field service		6,660.00		6,660.00		
01 Total personal services		32,120.00		32,120.00		24,968.77
Supplies and materials:						
0230 Fuel		250.00		250.00		218.26
0280 Sundry supplies		500.00		500.00		92.28
02 Total supplies and materials		750.00		750.00		310.54
06 Travel expenses		11,000.00		11,000.00		10,931.49
12 Repairs and alterations		2,500.00		2,500.00		1,578.81
30 Equipment		630.00		630.00		491.70
						38,281.31
Unobligated balance						718.69
Total		47,000.00		47,000.00		39,000.00

Standardization of Equipment, Bureau of Standards—

Standardization of equipment: To enable the Bureau of Standards to cooperate with Government departments, engineers, and manufacturers in the establishment of standards, methods of testing, and inspection of instruments, equipment, tools, and electrical and mechanical devices used in the industries and by the Government, including the practical specification for quality and performance of such devices, and the formulation of methods of inspection, laboratory, and service tests, including personal services in the District of Columbia and in the field [$130,000] *$180,000*, of which amount not to exceed [$114,000] *$156,640* may be expended for personal services in the District of Columbia (*U. S. C., p. 60, secs. 591, 597; p. 378, secs. 271–278; act Feb. 24, 1927, vol. 44, p. 1209*) — 180,000.00 — 130,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Standardization of Equipment, Bureau of Standards—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—	*Average—*		*Average—*		*Average—*	
Professional service—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 6, $6,000 to $7,500; average, $6,750—						
Chief economics analyst (assistant director)	1	$6,500			0.1	$7,500
Grade 5, $5,200 to $6,000; average, $5,600—						
Senior scientist (1 chief of division)	3	5,400	3	$5,634	3.3	5,690
Grade 4, $3,800 to $5,000; average, $4,400—						
Scientist	6	4,204	5.3	4,257	3.7	4,209
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate scientist	3	3,000	2	3,000	1	3,000
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant scientist	3	2,400	2.1	2,400	1	2,400
Grade 1, $1,860 to $2,400; average, $2,111—						
Junior scientist	3	1,860	2	1,860		
Subprofessional service—						
Grade 7, $2,100 to $2,700; average, $2,400—						
Principal engineering draftsman	1	2,200	1	2,200	0.8	2,155
Grade 5, $1,680 to $2,040; average, $1,860—						
Scientific aid	1	1,860				
Grade 3, $1,320 to $1,680; average, $1,500—						
Junior scientific aid	1	1,320	1	1,320	1.3	1,352
Grade 2, $1,140 to $1,500; average, $1,320—						
Under scientific helper	1	1,140	1	1,140	1.3	1,140
Grade 1, $900 to $1,260; average, $1,080—						
Minor scientific helper	1	1,020	1	1,020	1.4	932
Clerical, administrative, and fiscal service—						
Grade 11, $3,800 to $5,000; average, $4,400—						
Assistant chief business specialist	1	3,800			0.2	5,000
Grade 10, $3,300 to $3,900; average, $3,600—						
Senior investigator	1	3,300				
Grade 9, $3,000 to $3,600; average, $3,300—						
Business specialist	2	3,100	1	3,200	1	3,050
Grade 8, $2,700 to $3,300; average, $3,000—						
Associate investigator	1	2,700				
Grade 7, $2,100 to $2,700; average, $2,400—						
Assistant business specialist	2	2,200	1	2,400		
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	1	2,100	1	2,100	1	2,100
Grade 5, $1,860 to $2,400; average, $2,111—						
Senior clerk-stenographer	2	2,150	2	2,150	2	2,150
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk-stenographer	8	1,755	6	1,780	4.7	1,787
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk-stenographer	14	1,581	11	1,603	10.9	1,581
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk-stenographer	10	1,338	8	1,343	4.3	1,334
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	2	1,230	2	1,230	3.2	1,175
Custodial service—						
Grade 1, $600 to $780; average, $690—						
Junior messenger	1	600	1	600		
Total average number of employees	69		51.4		41.2	
01 Total salaries, departmental service		156,640.00		114,000.00		92,338.52
The difference between 1929 and 1928 is due to increase in force, $42,640.						
Supplies and materials:						
0200 Stationery and office supplies		2,000.00		500.00		760.28
0220 Scientific supplies		1,000.00		500.00		153.82
0280 Sundry supplies		500.00		250.00		281.65
0290 Materials		2,500.00		2,000.00		2,103.32
02 Total supplies and materials		6,000.00		3,250.00		3,299.07
06 Travel expenses		10,000.00		7,000.00		7,494.19
07 Transportation of things						100.00
08 Mimeographing, etc		200.00		100.00		41.96
10 Furnishing heat, light, and power		1,500.00		1,000.00		1,400.00
30 Equipment		5,660.00		4,650.00		5,223.32
						109,897.06
Unobligated balance						5,102.94
Total		180,000.00		130,000.00		115,000.00

Standard Materials, Bureau of Standards—

Standard materials: For purchase, preparation, analysis, and distribution of standard materials to be used in checking chemical analyses and in the testing of physical measuring apparatus, including personal services in the District of Columbia and in the field, $10,000, of which amount not to exceed $8,000 may be expended for personal services in the District of Columbia (*U. S. C., p. 60, secs. 591, 597; p. 378, secs. 271–278; act Feb. 24, 1927, vol. 44, p. 1210*) ..... $10,000.00 | $10,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Standard Materials, Bureau of Standards—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional service—	*Average—*		*Average—*		*Average—*	
Grade 4, $3,800 to $5,000; average, $4,400—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Scientist	0.8	$4,800	0.8	$4,800	0.8	$4,680
Subprofessional service—						
Grade 5, $1,680 to $2,040; average, $1,860—						
Laboratory mechanic	0.8	1,860	0.8	1,860	0.9	1,800
Grade 1, $900 to $1,260; average, $1,080—						
Minor scientific helper	0.3	960	0.3	900		
Clerical, administrative, and fiscal service—						
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	1	1,380	1	1,380	1	1,320
Custodial service—						
Grade 3, $1,020 to $1,260; average, $1,140—						
Senior laborer	0.9	1,140	0.9	1,140	0.9	1,107
Total average number of employees	3.8		3.8		3.6	
01 Total salaries, departmental service		8,000.00		8,000.00		7,837.48
02 Supplies and materials		1,400.00		1,400.00		1,257.47
06 Travel expenses		150.00		150.00		270.07
07 Transportation of things		250.00		250.00		292.50
30 Equipment		200.00		200.00		214.56
						9,872.08
Unobligated balance						127.92
Total		10,000.00		10,000.00		10,000.00

Investigation of Radioactive Substances and X-Rays, Bureau of Standards—

Investigation of radioactive substances and X-rays: For an investigation of radioactive substances and the methods of their measurements and testing; for investigations relative to the development of standard specifications for X-ray equipment and operation; for the investigation of the hazards of X-ray practice; for the testing and standardization of X-ray protective materials; for the standardization and design of X-ray testing equipment; for the determination of fundamental physical constants essential to X-ray diagnosis and therapy to X-ray analysis of materials and to other technical and scientific applications, including personal services in the District of Columbia and in the field, $29,540, of which amount not to exceed $22,180 may be expended for personal services in the District of Columbia (*U. S. C., p. 60, secs. 591, 597; p. 378, secs. 271–278; act Feb. 24, 1927, vol. 44, p. 1210*)..... $29,540.00 $29,540.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional service—	*Average—*		*Average—*		*Average—*	
Grade 5, $5,200 to $6,000; average, $5,600—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Senior scientist	0.5	$5,600	0.5	$5,600		
Grade 4, $3,800 to $5,000; average, $4,400—						
Scientist	2	4,000	2	4,000	1	$3,800
Grade 1, $1,860 to $2,400; average, $2,111.42—						
Junior scientist	2	1,980	2	1,980	1.6	2,012
Subprofessional service—						
Grade 6, $1,860 to $2,400; average, $2,111.42—						
Senior laboratory mechanic	2	2,000	2	2,000		
Grade 1, $900 to $1,260; average, $1,080—						
Minor scientific helper	2.1	960	2.1	960	0.7	900
Clerical, administrative, and fiscal service—						
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk-stenographer	0.9	1,560	0.9	1,560	0.2	1,500
Total average number of employees	9.5		9.5		3.5	
Total salaries, departmental service		22,180.00		22,180.00		
Deduct expenditures for personal services included in objects named below		2,400.00		2,400.00		
01 Total personal services		19,780.00		19,780.00		7,946.59
Supplies and materials:						
0220 Scientific supplies		1,500.00		1,500.00		544.61
0290 Materials		500.00		500.00		297.02
02 Total supplies and materials		2,000.00		2,000.00		841.63
06 Travel		450.00		450.00		
30 Equipment		7,310.00		7,310.00		492.40
						9,280.62
Unobligated balance						259.38
Total		29,540.00		29,540.00		9,540.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Utilization of Waste Products from the Land, Bureau of Standards—		
Utilization of waste products from the land: For the survey of the possibilities of the industrial utilization of waste products from the land, including cooperation with colleges, other institutions, and manufacturers, including personal services in the District of Columbia and in the field, $50,000, of which amount not to exceed $41,000 may be expended for personal services in the District of Columbia (*U. S. C., p. 60, secs. 591, 597; p. 378, secs. 271–278; act Feb. 24, 1927, vol. 44, p. 1210*)	$50,000.00	$50,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional service—	*Average*—		*Average*—		*Average*—	
Grade 5, $5,200 to $6,000; average, $5,600—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Senior scientist	1	$5,200	0.8	$5,200		
Grade 4, $3,800 to $5,000; average, $4,400—						
Scientist	1	3,800	1	3,800		
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate scientist	4	3,050	4	3,050		
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant scientist	2	2,400				
Grade 1, $1,860 to $2,400; average, $2,111.42—						
Junior scientist	2.3	1,886	1	1,920		
Subprofessional service—						
Grade 5, $1,680 to $2,040; average, $1,860—						
Scientific aid	1	1,680				
Total average number of employees	11.3		6.8			
Total salaries, departmental service		32,000		22,050		
Field service:						
Salaries and wages—						
Salary range, $2,400 to $3,000; average, $2,700—						
Assistant scientist	2	2,700	2	2,700		
Salary range, $1,860 to $2,400; average, $2,100—						
Junior scientist	1	1,860	1	1,860		
Salary range, $1,500 to $1,860; average, $1,680—						
Assistant scientific aid	2	1,500	1	1,500		
Total average number of employees	5		4			
Total salaries and wages, field service		10,260		8,760		
01 Total personal service		42,260		30,840		
Supplies and materials:						
0220 Scientific supplies		2,500		3,000		
0290 Materials		1,250		1,500		
02 Total supplies and materials		3,750		4,500		
06 Travel expenses		2,000		2,500		
07 Transportation of things		250		500		
30 Equipment		1,740		11,660		
Total		50,000		50,000		

	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Investigation of Automotive Engines, Bureau of Standards—		
Investigation of automotive engines: For the promotion of economy and efficiency in automotive transportation by land and by air through investigations of the basic principles underlying the design, performance, operation, and testing of automotive engines, their fuels, lubricants, accessories, and the power transmitting system used in connection with them, also such elements as brakes and brake linings; to promote economy in the use of liquid fuels and safety in vehicular traffic, including personal services in the District of Columbia and in the field, $25,000, of which amount not to exceed $20,680 may be expended for personal services in the District of Columbia (*U. S. C., p. 60, secs. 591, 597; p. 378, secs. 271–278; act Feb. 24, 1927, vol. 44, p. 1210*)	25,000.00	25,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional service—	*Average*—		*Average*—		*Average*—	
Grade 5, $5,200 to $6,000; average, $5,600—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Senior scientist					0.3	$5,200
Grade 4, $3,800 to $5,000; average, $4,400—						
Scientist	1	$3,800	1	$3,800		
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate scientist	1.3	3,160	1.3	3,160	0.8	3,040
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant scientist	2	2,400	1.5	2,400	2	2,508
Grade 1, $1,860 to $2,400; average, $2,111—						
Junior scientist	0.5	2,060	0.5	2,060	0.2	2,100

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Investigation of Automotive Engines, Bureau of Standards—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service—Continued.						
Salaries—Continued.						
Subprofessional service—	*Average*—		*Average*—		*Average*—	
Grade 7, $2,100 to $2,700; average, $2,400—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Principal scientific aid	0.2	$2,100	0.2	$2,100	0.2	$2,300
Grade 6, $1,860 to $2,400, average, $2,111—						
Senior scientific aid	0.5	2,000	0.5	2,000	0.2	2,000
Senior laboratory mechanic					0.5	2,150
Grade 5, $1,680 to $2,040; average, $1,860—						
Scientific aid	0.2	1,980	0.2	1,980	0.2	1,920
Laboratory mechanic					0.7	1,840
Grade 4, $1,500 to $1,860; average, $1,680—						
Assistant scientific aid	1	1,500	1	1,500	1.1	1,500
Grade 3, $1,320 to $1,680; average, $1,500—						
Junior scientific aid	1	1,380	1	1,380	0.9	1,320
Grade 2, $1,140 to $1,500; average, $1,320—						
Underscientific helper	0.3	1,320	0.3	1,320	0.2	1,200
Grade 1, $900 to $1,260; average, $1,080—						
Minor scientific helper					0.8	900
Clerical, administrative, and fiscal service—						
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk-stenographer	1	1,740	1	1,740	0.2	1,740
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk					0.9	1,500
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk					0.1	1,440
Custodial service—						
Grade 7, $1,680 to $2,040; average, $1,860—						
Senior mechanic	0.5	1,770	0.5	1,770	0.2	1,860
Grade 3, $1,020 to $1,260; average, $1,140—						
Minor mechanic					0.7	1,260
Grade 2, $900 to $1,140; average, $1,020—						
Junior laborer	0.4	1,092	0.4	1,092	0.3	1,050
Total average number of employees	9.4		9.4		10.5	
Total salaries, departmental service						20,239.06
Deduct expenditures for personal services included in objects named below						1,400.00
01 Total personal services		20,680.00		20,680.00		18,839.06
Supplies and materials:						
0220 Scientific supplies		750.00		750.00		883.31
0230 Fuel		150.00		150.00		81.50
0280 Sundry supplies		500.00		500.00		461.95
0290 Materials		200.00		200.00		195.91
02 Total supplies and materials		1,600.00		1,600.00		1,622.67
06 Travel expenses		1,000.00		1,000.00		1,511.64
30 Equipment		1,720.00		1,720.00		2,550.39
						24,523.76
Unobligated balance						476.24
Total		25,000.00		25,000.00		25,000.00

Investigation of Dental Materials, Bureau of Standards—

Investigation of dental materials: To investigate the physical and chemical properties of dental materials, including the method of their application and the causes of deterioration of such materials in service, for the purpose of developing standards of quality and standard methods of test, including personal services in the District of Columbia and in the field, $5,000, of which amount not to exceed $4,500, may be expended for personal services in the District of Columbia (*U. S. C., p, 60, secs, 591, 597; p. 378, secs. 271–278; act Feb. 24, 1927, vol. 44, p. 1210*) $5,000.00 $5,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional service—	*Average*—		*Average*—		*Average*—	
Grade 4, $3,800 to $5,000; average, $4,400—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Scientist	0.6	$5,000	0.6	$5,000		
Subprofessional service—						
Grade 4, $1,500 to $1,860; average, $1,680—						
Assistant scientific aid	0.9	1,680	0.9	1,680		
Total average number of employees	1.5		1.5			
01 Total salaries, departmental service		4,500		4,500		
02 Supplies and materials		250		250		
30 Equipment		250		250		
Total		5,000		5,000		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Power Plant Equipment, Bureau of Standards—		
For the purchase and installation of new power and heating plant equipment, together with such auxiliary equipment as may be necessary, the moving and installing of equipment on hand, and the tie-in with the present heat and power systems, including contract labor and personal services in the District of Columbia (submitted)	$100,000.00	
3050 Other equipment: Expenditures, 1929, $64,000. 3210 Other structures: Expenditures, 1929, $36,000.		
During the fiscal year [1928] *1929* the head of any department or independent establishment of the Government having funds available for scientific investigations and requiring cooperative work by the Bureau of Standards on scientific investigations within the scope of the functions of that bureau, and which the Bureau of Standards is unable to perform within the limits of its appropriations, may, with the approval of the Secretary of Commerce, transfer to the Bureau of Standards such sums as may be necessary to carry on such investigations. The Secretary of the Treasury shall transfer on the books of the Treasury Department any sums which may be authorized hereunder, and such amounts shall be placed to the credit of the Bureau of Standards for the performance of work for the department or establishment from which the transfer is made, including, where necessary, compensation for personal services in the District of Columbia and in the field.		
Building for Power Plant, Bureau of Standards—		
[Building for power plant: For the erection of a suitable fireproof power-plant building, on the present site of the Bureau of Standards in the District of Columbia, as authorized in the act entitled "An act authorizing the construction by the Secretary of Commerce of a power-plant building on the present site of the Bureau of Standards in the District of Columbia," approved June 26, 1926, including contract architectural services, $200,000, to be immediately available] *(act Feb. 24, 1927, vol. 44, p. 1210)*		$200,000.00
Total, Bureau of Standards	2,241,055.00	2,225,435.00
BUREAU OF LIGHTHOUSES		
Salaries, Bureau of Lighthouses—		
Salaries: For the commissioner and other personal services in the District of Columbia in accordance with the classification act of 1923 *(U. S. C., p. 60, sec. 591; p. 1091, sec. 711; act Feb. 24, 1927, vol. 44, p. 1211)*	94,250.00	94,250.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
Grade 7, $7,500 and over—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Special engineer (commissioner)	1	$7,500	1	$7,500		
Grade 6, $6,000 to $7,500; average, $6,750—						
Chief engineer (deputy commissioner)	1	6,500	1	6,417	1	$7,000
Grade 5, $5,200 to $6,000; average, $5,600—						
Senior engineer (chief constructing engineer, and superintendent of naval construction)	2	5,400	2	5,400	3	5,600
Grade 4, $3,800 to $5,000; average, $4,400—						
Engineer	3	4,000	3	4,000	1.8	3,960
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate engineer	1	3,100	1	3,100	1	3,220
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant engineer	2	2,550	2	2,550	2	2,615
Subprofessional service—						
Grade 7, $2,100 to $2,700; average, $2,400—						
Principal engineer draftsman	1	2,400	1	2,400	1	2,350
Grade 5, $1,680 to $2,040; average, $1,860—						
Engineer draftsman					0.8	1,980
Clerical, administrative, and fiscal service—						
Grade 10, $3,300 to $3,900; average, $3,600	1	3,600	1	3,600	0.7	3,475
Grade 9, $3,000 to $3,600; average, $3,300—						
Senior administrative assistant (chief clerk)					0.3	3,400
Grade 8, $2,700 to $3,300; average, $3,000—						
Administrative assistant (chief of division)	2	2,975	2	2,975	1.2	2,857
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant (chief of division)					0.8	2,800
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk (chief of division and assistant chief of division)	2	2,400	2	2,400	2	2,400

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries, Bureau of Lighthouses—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service—Continued.						
Salaries—Continued.						
Clerical, administrative, and fiscal service—Contd.						
Grade 5, $1,860 to $2,400; average, $2,111.42—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Senior clerk-stenographer (secretary to commissioner)	1	$1,930	1	$1,930	1	$1,920
Senior clerk (assistant chief of division)	1	2,100	1	2,100	1	2,050
Clerk-stenographer	1	2,100	1	2,100	1	1,880
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk (chief of division and assistant chief of division)	2	1,850	2	1,850	1.8	1,850
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk-stenographer	3	1,685	3	1,685	3	1,650
Assistant clerk	2	1,550	2	1,530	1.1	1,611
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	8.3	1,360	8.4	1,360	8	1,356
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk					0.3	1,064
Custodial service—						
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger	2	1,136	2	1,132	2	1,125
Grade 2, $900 to $1,140; average, $1,020—						
Assistant messenger	1	960	1	960	0.3	990
Grade 1, $600 to $780; average, $690—						
Junior messenger					0.6	600
Total average number of employees	37.3		37.4		35.7	
Total salaries, departmental service						87,206.96
Unobligated balance						2,673.04
01 Total personal services		94,250.00		94,250.00		89,880.00

General Expenses, Lighthouse Service—

General expenses: For supplies, including replacement of and necessary additions to existing equipment, repairs, maintenance, and incidental expenses of lighthouses and other lights, beacons, buoyage, fog signals, lighting of rivers heretofore authorized to be lighted, light vessels, other aids to navigation, and lighthouse tenders, including the establishment, repair, and improvement of beacons and day marks, and purchase of land for same; establishment of post lights, buoys, submarine signals, and fog signals; establishment of oil or carbide houses, not to exceed $10,000: *Provided*, That any oil or carbide house erected hereunder shall not exceed $1,000 in cost; construction of necessary outbuildings at a cost not exceeding $1,000 at any one light station in any fiscal year; improvement of grounds and buildings connected with light stations and depots; restoring light stations and depots and buildings connected therewith: *Provided further*, That such restoration shall be limited to the original purpose of the structures; wages of persons attending post lights; temporary employees and field force while engaged on works of general repair and maintenance, and laborers and mechanics at lighthouse depots; rations and provisions or commutation thereof for working parties in the field, officers and crews of light vessels and tenders, and officials and other authorized persons of the Lighthouse Service on duty on board of such tenders or vessels, and money accruing from commutation for rations and provisions for the above-named persons on board of tenders and light vessels or in working parties in the field may be paid on proper vouchers to the person having charge of the mess of such vessel or party; not exceeding $2,000 for packing, crating, and transporting personal household effects of employees when transferred from one official station to another for permanent duty; purchase of rubber boots, oilskins, rubber gloves, and coats, caps, and aprons for stewards' departments on vessels; reimbursement under rules prescribed by the Secretary of Commerce of keepers of light stations and masters of light vessels and of lighthouse tenders for rations and provisions and clothing furnished shipwrecked persons who may be temporarily provided for by them, not exceeding in all $5,000 in any fiscal year; fuel, light, and rent of quarters where necessary for keepers of lighthouses; purchase of land sites for fog signals; rent of necessary ground for all such lights and beacons as are for temporary use or to mark changeable channels and which in consequence can not be made permanent; rent of offices, depots, and wharves; traveling expenses, including travel for the examinations authorized by the act entitled "An act to provide for retirement for disability in the Lighthouse Service," approved March 4, 1925; mileage; library books for light stations and vessels, and technical books and periodicals not exceeding $1,000; traveling and subsistence expenses of teachers while actually employed by States or private persons to instruct the children of keepers of lighthouses; all other contingent expenses of district offices and depots, including the purchase of provisions for sale to

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
General Expenses, Lighthouse Service—Continued. lighthouse keepers at isolated stations, and the appropriation reimbursed, and not exceeding $8,500 for contingent expenses of the office of the Bureau of Lighthouses in the District of Columbia, $4,275,000 [, of which $5,000 shall be immediately available for payment to the proper authorities of the State of Pennsylvania as the share of the Lighthouse Service in the cost of the road constructed across the Presque Isle Lighthouse Reservation, Pennsylvania, and connecting the State Park with the city of Erie] (*U. S. C., p. 60, sec. 591; p. 1091, sec. 711; act Feb. 24, 1927, vol. 44, p. 1211*)	$4,275,000.00	$4,275,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
Salary range, $3,000 to $3,600; average, $3,300—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Master mechanic	2	$3,065	2	$3,065	2	$3,065
Blacksmith, foreman	1	3,024	1	3,024	1	3,024
Salary range, $2,700 to $3,300; average, $3,000—						
Machinist, assistant foreman	1	2,786	1	2,786	1	2,786
Salary range, $2,400 to $3,000; average, $2,700—						
Boiler maker, assistant foreman	1	2,670	1	2,670	1	2,670
Electrician, radio	1	2,520	1	2,520	1	2,520
Machinist, foreman	2	2,465	2	2,465	2	2,465
Salary range, $2,100 to $2,700; average, $2,400—						
Boat builder, leader	2	2,217	2	2,217	2	2,217
Boiler maker, leader	3	2,192	3	2,192	3	2,192
Carpenter, foreman	6	2,243	6	2,243	5.8	2,243
Carpenter, machine	1	2,127	1	2,127	1	2,127
Electrician	2	2,283	2	2,283	1.7	2,283
Engineer	1	2,400	1	2,400	1	2,400
Engineer, hoisting	1	2,153	1	2,153	0.3	2,153
Foreman	20	2,207	20	2,207	19.2	2,207
Laborer, foreman	1	2,246	1	2,246	1	2,246
Lamp maker	1	2,310	1	2,310	0.1	2,310
Mechanician	10	2,334	10	2,334	9.7	2,334
Machinist, marine, leader	1	2,241	1	2,241	1	2,241
Machinist, leader	4	2,309	4	2,309	4	2,309
Pattern maker	1	2,345	1	2,345	1	2,345
Sheet metal worker	1	2,160	1	2,160	1	2,160
Spinner	2	2,239	2	2,239	2	2,239
Tinsmith	3	2,301	3	2,301	2.3	2,301
Tinsmith, junior	1	2,142	1	2,142	0.8	2,142
Salary range, $1,860 to $2,400; average, $2,100—						
Boiler maker	7	2,006	7	2,006	6.8	2,006
Boat builder	7	1,885	7	1,885	7	1,885
Carpenter	24	2,010	24	2,010	23.6	2,010
Engineer, assistant	4	2,087	4	2,087	3.8	2,087
Machinist, marine	5.9	1,925	5.9	1,925	6	1,925
Machinist	40	2,018	40	2,018	39.4	2,018
Packer, foreman	1	1,917	1	1,917	0.9	1,917
Painter	1.7	2,045	1.7	2,045	1.1	2,045
Pile driver	2	2,100	2	2,100	2	2,100
Pipe fitter	2	2,003	2	2,003	1.4	2,003
Sailmaker and rigger	2	2,098	2	2,098	1.9	2,098
Welder, arc, junior	1	2,009	1	2,009	1	2,009
Salary range, $1,680 to $2,040; average, $1,860—						
Blacksmith	14.9	1,854	14.9	1,854	14.4	1,854
Chauffeur	3	1,766	3	1,766	3	1,766
Mechanic, general	3	1,789	3	1,789	2.9	1,789
Packer, assistant foreman	1	1,742	1	1,742	1	1,742
Welder, arc	1	1,802	4	1,802	3.8	1,802
Salary range, $1,500 to $1,860; average, $1,680—						
Light attendant	9	1,513	9	1,513	9	1,513
Concrete worker	1	1,557	1	1,557	1	1,557
Fireman	5	1,576	5	1,576	4.8	1,576
Plumber	1	1,629	1	1,629	0.2	1,629
Sailmaker, junior	1	1,506	1	1,506	1	1,506
Tool keeper	1	1,525	1	1,525	1	1,525
Yardman	2	1,544	2	1,544	1.9	1,544
Salary range, $1,320 to $1,680; average, $1,500—						
Blacksmith helper	10	1,339	10	1,339	9.9	1,339
Carpenter, junior	1	1,442	1	1,442	1	1,442
Helper, general	11	1,414	11	1,414	11	1,414
Machinist helper	4	1,422	4	1,422	4	1,422
Packer	10	1,463	10	1,463	9.6	1,463
Rivet holder	6	1,490	6	1,490	5.9	1,490
Woodworker helper	1.6	1,476	1.6	1,476	1.5	1,476
Salary range, $1,140 to $1,500; average, $1,320—						
Laborer, skilled	16	1,258	16	1,258	16	1,258
Rivet heater	2	1,317	2	1,317	2	1,317
Welder, gas					0.1	1,224
Salary range, $1,020 to $1,260; average, $1,140—						
Boilermaker helper	1	1,073	1	1,073	1	1,073
Cook	2	1,045	2	1,045	1.2	1,045
Laborer	71	1,094	71	1,094	70.1	1,094
Salary range, $900 to $1,140; average, $1,020—						
Carpenter, helper	5	1,007	5	1,007	4.4	1,007
Salary range, $600 to $780; average, $690—						
Boatman	3	745	3	745	2.6	745
Mess attendant	1	600	1	600	1	600

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

General Expenses, Lighthouse Service—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Field service—Continued.			
	Salaries and wages—Continued.			
	Salary range, $240 to $420; average, $330—	*Average*—	*Average*—	*Average*—
	Lamplighter	No. 754 Salary $389	No. 754 Salary $389	No. 754 Salary $389
	Salary range under $240—			
	Custodian	7 22	7 22	6.6 22
	Temporary labor	200,000	200,000	190,978
	Total average number of employees	1,118.1	1,118.1	1,105.7
	Total salaries and wages, cash payment, field service	1,100,000.00	1,100,000.00	1,069,419.62
	Deduct expenditures for personal services included in objects named below	555,000.00	555,000.00	538,877.78
01	Total personal services, field service	545,000.00	545,000.00	530,541.84
	Supplies and materials:			
0200	Stationery and office supplies	4,000.00	4,000.00	3,826.15
0210	Medical and hospital supplies	2,000.00	2,000.00	2,013.63
0220	Scientific and educational supplies	300.00	300.00	270.83
0230	Fuel	860,000.00	860,000.00	856,089.35
0240	Wearing apparel and sewing supplies	2,800.00	2,800.00	2,782.85
0250	Forage and other supplies for animals	200.00	200.00	189.11
0260	Provisions	2,000.00	2,000.00	1,690.45
0280	Sundry supplies	250,000.00	250,000.00	252,532.87
0290	Materials	270,000.00	270,000.00	267,783.63
02	Total supplies and materials	1,391,300.00	1,391,300.00	1,387,178.87
03	Subsistence and support of persons (service)	454,000.00	452,000.00	451,908.51
	Communication service:			
0500	Telegraph service	3,000.00	3,000.00	2,877.11
0510	Telephone service	12,000.00	12,000.00	12,277.66
0520	Other communication service (postage)	300.00	300.00	263.98
05	Total communication service	15,300.00	15,300.00	15,418.75
06	Travel expenses	43,000.00	43,000.00	43,306.97
07	Transportation of things (service)	88,000.00	88,000.00	88,590.00
08	Photographing and making photographs and prints	1,000.00	1,000.00	1,029.48
09	Advertising and publication of notices (service)	750.00	750.00	710.95
10	Furnishing of heat, light, power, water, electricity (service)	60,000.00	60,000.00	57,278.98
	Rents:			
1100	Rent of buildings and structures	12,000.00	12,000.00	11,700.71
1110	Other rents	5,000.00	5,000.00	4,416.57
11	Total rents	17,000.00	17,000.00	16,117.28
12	Repairs and alterations	1,012,000.00	1,012,000.00	907,714.33
13	Special and miscellaneous current expenses	15,000.00	15,000.00	14,364.43
	Equipment:			
3010	Furniture, furnishings, and fixtures	43,000.00	43,000.00	41,723.22
3020	Educational, scientific, and recreational equipment	50.00	50.00	18.87
3050	Other equipment	510,000.00	510,000.00	513,063.19
30	Total equipment	553,050.00	553,050.00	554,805.28
	Structures and parts, etc.:			
3210	Other structures	69,000.00	69,000.00	61,422.34
3220	Nonstructural improvements	10,600.00	12,600.00	7,636.15
32	Total structures and nonstructural improvements	79,600.00	81,600.00	69,058.49
33	Stores purchased for resale			3,018.16
				4,231,042.32
	Unobligated balance			8,957.68
	Total	4,275,000.00	4,275,000.00	4,240,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Salaries, Keepers of Lighthouses—		
Keepers of lighthouses: For salaries of not exceeding one thousand eight hundred lighthouse and fog-signal keepers and persons attending lights exclusive of post lights (*U. S. C., p. 60, sec. 591; p. 1091, sec. 711; act Feb. 24, 1927, vol. 44, p. 1211*)	$1,950,000.00	$1,960,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
Lighthouse keepers—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $1,920 to $2,280; average, $2,100	5	$2,100	5	$2,100	5	$2,094
Salary range, $1,860 to $2,220; average, $2,040	2	2,020	2.2	2,000	1.7	2,176
Salary range, $1,800 to $2,160; average, $1,980	2	1,935	2	1,905	2	1,905
Salary range, $1,740 to $2,100; average, $1,920	11	1,864	11	1,862	11	1,862
Salary range, $1,680 to $2,040; average, $1,860	27	1,800	27	1,795	26.7	1,787
Salary range, $1,620 to $1,980; average, $1,800	62	1,773	62	1,767	61.8	1,762
Salary range, $1,560 to $1,920; average, $1,740	150	1,683	150	1,675	149.4	1,670
Salary range, $1,500 to $1,860; average, $1,680	178	1,640	179	1,632	178.4	1,627
Salary range, $1,440 to $1,800; average, $1,620	250	1,575	251	1,560	250.7	1,556
Salary range, $1,380 to $1,740; average, $1,560	252	1,500	256	1,485	255.3	1,479
Salary range, $1,320 to $1,680; average, $1,500	222	1,430	226	1,420	225.5	1,414
Salary range, $1,260 to $1,620; average, $1,440	123	1,355	126	1,350	124.8	1,344
Salary range, $1,200 to $1,560; average, $1,380	15	1,343	16	1,335	15.2	1,332
Salary range, $1,140 to $1,500; average, $1,320	15	1,255	16	1,250	15.5	1,249
Salary range, $1,080 to $1,440; average, $1,260	4	1,200	4	1,200	4.2	1,192
Salary range, $1,020 to $1,380; avergae, $1,200	3	1,075	4	1,675	2.4	1,073
Lamplighters—						
Salary range, $60 to $1,500; average, $780	220	290	220	289	213.5	289
Light attendant—						
Salary range, $780 to $2,400; average, $1,590	21	1,170	22	1,170	19.5	1,170
Laborers in charge—						
Salary range, $60 to $1,680; average, $870	16	810	16	806	15.8	806
Leave of keepers		24,000		24,000		21,234
Total average number of employees	1,578		1,595.2		1,578.4	
Total salaries and wages, field service		2,170,000.00		2,180,000.00		2,154,758.24
The difference between 1929 and 1928 is due to—						
Decrease in force		$24,000				
Increase in salaries		14,000				
Net decrease		10,000				
Deduct allowance value of quarters, etc., furnished		220,000.00		220,000.00		216,873.09
01 Total personal services, cash payment		1,950,000.00		1,960,000.00		1,937,885.15
Unobligated balance						32,114.85
Total		1,950,000.00		1,960,000.00		1,970,000.00

Salaries, Lighthouse Vessels—		
Lighthouse vessels: For salaries and wages of officers and crews of light vessels and lighthouse tenders, including temporary employment when necessary (*U. S. C., p. 60, sec. 591; p. 1091, sec. 711; act Feb. 24, 1927, vol. 44, p. 1212*)	2,282,700.00	2,273,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
Salary range, $3,300 to $3,900; average, $3,600—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Captain	14	$3,500	14	$3,498	13.8	$3,498
Master	17.5	3,365	17.5	3,359	17.4	3,359
Salary range, $3,000 to $3,600; average, $3,300—						
Master	9	3,100	9	3,088	9	3,088
Master and pilot	2	3,300	2	3,298	2	3,298
Chief engineer	16	3,106	16	3,106	15.9	3,076
Engineer	12.5	3,010	12.5	3,006	12.2	3,006
Salary range, $2,700 to $3,300; average, $3,000—						
Master	10.5	2,775	10.5	2,770	10.5	2,770
Chief engineer	1	2,780	1	2,775	1	2,775
Engineer	11.5	2,816	11.5	2,806	11.3	2,806
Salary range, $2,400 to $3,000; average, $2,700—						
Master	35	2,505	35	2,500	34.8	2,461
First officer	22	2,490	22	2,490	21.8	2,446
Engineer	24	2,537	24	2,537	23.8	2,492
Assistant engineer	20.6	2,480	20.5	2,470	20.3	2,470
Salary range, $2,100 to $2,700; average, $2,400—						
Master	19	2,285	19	2,277	18.6	2,232
First officer	20	2,300	19.5	2,300	19.2	2,256
Second officer	28	2,220	28	2,216	27.8	2,216
Third officer	1	2,150	1	2,129	1	2,129
Mate and pilot	2	2,450	1.5	2,403	1.5	2,403
Mate	39	2,270	39.5	2,264	39.2	2,204
Engineer	34	2,286	34	2,279	34	2,239
Assistant engineer	74	2,265	74	2,265	73.8	2,213
Radio operator	2	2,200	2	2,165	2	2,165

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries, Lighthouse Vessels—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average—		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Field service—Continued.						
Salaries and wages—Continued.						
Salary range, $1,860 to $2,400; average, $2,100—						
Master	3	$2,000	3	$1,996	2.9	$1,996
Second officer	5.4	2,034	5.1	2,034	5.1	2,034
Mate	13	1,953	13	1,953	13	1,953
Engineer	6	1,990	6	1,986	6	1,986
Assistant engineer	15.5	1,950	15.5	1,943	15.2	1,943
Salary range, $1,680 to $2,040; average, $1,860—						
Radio operator	25	1,819	25	1,819	24.4	1,819
Mate	1	1,680	1	1,680	1	1,680
Assistant engineer	1.6	1,825	1.6	1,807	1.1	1,807
Quartermaster carpenter	2	1,825	2	1,821	1.9	1,821
Boatswain	1	1,745	1	1,745	1	1,745
Yeoman	1	1,790	1	1,790	1	1,790
Steward	4.9	1,750	4.9	1,740	4.9	1,740
Cook	7	1,760	7	1,756	6.8	1,756
Salary range, $1,500 to $1,860; average, $1,680—						
Second officer	5	1,660	5	1,650	4.8	1,650
Radio operator	26	1,512	26	1,512	25.7	1,512
Boatswain	1	1,590	1	1,587	1	1,587
Steward	5	1,530	5	1,520	4.8	1,520
Cook	5	1,600	5	1,590	5	1,590
Ship keeper	1	1,648	1	1,648	1	1,648
Salary range, $1,320 to $1,680; average, $1,500—						
Quartermaster	20	1,400	20	1,395	19.6	1,395
Oiler, senior	1	1,373	1	1,373	1	1,373
Oiler	20.5	1,405	20.5	1,399	20.2	1,399
Seaman	16	1,393	16	1,383	16	1,383
Steward	28.7	1,450	28.5	1,444	28.2	1,444
Cook	55	1,390	55	1,385	54.7	1,385
Fireman	5	1,375	5	1,369	4.8	1,369
Salary range, $1,140 to $1,500; average, $1,320—						
Quartermaster	38.5	1,156	38.5	1,156	38.2	1,156
Carpenter	1	1,266	1	1,266	1	1,266
Boatswain	13	1,200	13	1,197	12.8	1,197
Oiler	34	1,185	34	1,181	33.8	1,181
Seaman	66	1,170	66	1,170	65.6	1,170
Deckhand, leading	2	1,180	2	1,179	2	1,179
Fireman, first class	15	1,294	15	1,294	15	1,294
Fireman, second class	8	1,152	8	1,152	7.9	1,152
Fireman	24.3	1,210	24.1	1,210	24.1	1,210
Steward	1	1,215	1	1,215	1	1,215
Cook	37	1,278	37	1,278	36.5	1,278
Second cook	14	1,184	14	1,184	13.9	1,184
Ship keeper	1	1,268	1	1,268	1	1,268
Salary range, $1,020 to $1,260; average, $1,140—						
Quartermaster	56.5	1,128	56.5	1,128	56.2	1,128
Winchman	3	1,193	3	1,193	3	1,193
Boatswain	3.7	1,150	3.5	1,150	3.2	1,150
Oiler, senior	13	1,071	13	1,071	13	1,071
Oiler	50	1,114	48	1,114	46.8	1,114
Seaman	205	1,051	204	1,051	202.8	1,051
Deckband	18	1,051	17.5	1,051	17.5	1,051
Fireman, first class	47	1,075	47	1,073	46.6	1,073
Fireman, second class	10	1,131	10	1,131	10	1,131
Fireman	164	1,059	164	1,059	164.3	1,059
Steward	1	1,083	1	1,083	1	1,083
Mess attendants	15	1,071	15	1,071	15.3	1,071
Second cook	2	1,089	2	1,089	2	1,089
Salary range, $900 to $1,140; average, $1,020—						
Seaman	244	984	242	984	240.8	984
Fireman, first class	9	973	9	973	8.7	973
Fireman, second class	9.5	934	9.5	934	9.5	934
Fireman	4	996	4	996	3.8	996
Steward	1	977	1	977	1	977
Mess attendant	9	920	8.5	920	8.4	920
Salary range, $780 to $1,020; average, $900—						
Steward	1	820	1	820	0.7	820
Mess attendant	75	841	74.5	841	74.5	841
Total average number of employees	1,885.7		1,877.7		1,863.9	
Total salaries and wages, field service		2,750,700.00		2,738,000.00		2,703,177.06
The difference between 1929 and 1928 is due to—						
Increase in force		$9,500				
Increase in salaries		3,200				
Total increase		12,700				
Deduct allowance value of quarters, etc., furnished		468,000.00		465,000.00		460,582.19
01 Total personal services, cash payment		2,282,700.00		2,273,000.00		2,242,594.87
Unobligated balance						2,405.13
Total		2,282,700.00		2,273,000.00		2,245,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Salaries, Lighthouse Service— Superintendents, clerks, and so forth: For salaries of seventeen superintendents of lighthouses, and of assistant superintendents, clerks, draftsmen, and other authorized permanent employees in the district offices and depots of the Lighthouse Service, exclusive of those regularly employed in the office of the Bureau of Lighthouses, District of Columbia (*U. S. C., p. 60, sec. 591; p. 1091, sec., 711; act Feb. 24, 1927, vol. 44, p. 1212*)	$576,300.00	$570,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $6,000 to $7,500; average, $6,750—						
Superintendent	1	$6,040	1	$6,040	1	$6,040
Salary range, $5,200 to $6,000; average, $5,600—						
Superintendent	16	5,370	16	5,370	16	5,248
Salary range, $3,800 to $5,000; average, $4,400—						
Lighthouse engineer	4	3,960	4	3,960	4	3,860
Examiner	1	4,200	1	4,200	1	4,100
Radio engineer	1	4,200	1	4,200	1	4,100
Salary range, $3,300 to $3,900; average, $3,600—						
Associate lighthouse engineer	3	3,615	3	3,615	3	3,549
Salary range, $3,000 to $3,600; average, $3,300—						
Associate lighthouse engineer	16	3,200	16	3,200	15.6	3,163
Assistant radio engineer	1	3,000	1	3,000	0.7	3,250
Scientific assistant					0.2	3,000
Chief clerk and assistant superintendent	3	3,000	3	3,000	3	3,000
Chief clerk	8	3,100	8	3,100	8.5	3,120
General storekeeper and purchasing agent	2	3,000	2	3,000	2	3,000
Salary range, $2,700 to $3,300; average, $3,000—						
Assistant lighthouse engineer	9.5	2,860	9.5	2,860	9.3	2,863
Chemist	2	2,700	2	2,700	1.3	2,700
Chief clerk	8	2,990	8	2,990	7.4	2,996
Salary range, $2,400 to $3,000; average, $2,700—						
Assistant lighthouse engineer	1.3	2,621	1	2,621	1	2,621
Clerk	2	2,500	2	2,500	2	2,500
Draftsman	2	2,500	2	2,500	1.4	2,524
Depot keeper	2	2,570	2	2,570	2	2,590
Salary range, $2,100 to $2,700; average, $2,400—						
Draftsman	9	2,242	9	2,242	9.3	2,230
Clerk	16	2,210	16	2,210	15.5	2,206
Depot keeper	6	2,240	6	2,240	6	2,240
Salary range, $1,860 to $2,400; average, $2,100—						
Draftsman	2	2,100	2	2,100	2	2,100
Junior lighthouse engineer	3	1,950	3	1,950	2.4	1,985
Clerk	17.5	1,950	17.5	1,950	17.3	1,942
Depot keeper	8	2,000	8	2,000	8	1,985
Salary range, $1,680 to $2,040; average, $1,860—						
Clerk	14	1,793	14	1,793	14	1,793
Depot keeper	1	1,860	1	1,860	1	1,860
Assistant depot keeper	4	1,755	4	1,755	4	1,755
Salary range, $1,500 to $1,860; average, $1,680—						
Clerk	21	1,630	21	1,630	20.5	1,632
Chief of watch	1	1,680	1	1,680	1	1,680
Depot keeper	3	1,640	3	1,640	3	1,640
Assistant depot keeper	1	1,560				
Salary range, $1,320 to $1,680; average, $1,500—						
Clerk	14.6	1,480	14.5	1,480	14.2	1,473
Janitor	2	1,410	2	1,410	2	1,410
Depot keeper	3	1,420	3	1,420	3	1,420
Watchman	7	1,496	7	1,496	6.7	1,489
Messenger	1	1,440	1	1,440	1	1,440
Salary range, $1,140 to $1,500; average, $1,320—						
Clerk	10.8	1,297	10.8	1,297	10.5	1,297
Telephone operator	1	1,320	1	1,320	1	1,320
Messenger	2	1,260	2	1,260	2	1,260
Watchman	13	1,260	10	1,260	6	1,260
Salary range, $1,020 to $1,260; average, $1,140—						
Messenger	1	1,080	1	1,080	0.5	1,080
Laborer	2	1,140	2	1,140	2	1,110
Salary range, $900 to $1,140; average, $1,020—						
Messenger	1	980	1	980	1.5	980
Messenger boy	2	900	2	900	1.9	906
Salary range, $240 to $420; average, $330—						
Depot keeper	1	300	1	300	1	300
Total average number of employees	250.7		246.3		237.5	
Total salaries and wages, field service		582,900.00		576,600.00		557,865.36
The difference between 1929 and 1928 is due to increase in force, $6,300.						
Deduct allowance value of quarters, etc., furnished		6,600.00		6,600.00		6,469.33
01 Total personal services, cash payment		576,300.00		570,000.00		551,396.03
Unobligated balance						13,603.97
Total		576,300.00		570,000.00		565,000.00

Retired Pay, Lighthouse Service— Retired pay: For retired pay of officers and employees engaged in the field service or on vessels of the Lighthouse Service, except persons continuously employed in district offices and shops (*U. S. C., p. 60, sec. 591; p. 1091, sec. 711; p. 1094, sec. 763; p. 1095, sec. 765; act Feb. 24, 1927, vol. 44, p. 1212*)	245,000.00	225,000.00

2110 Retirement pay: Expenditures—1929, $245,000; 1928, $225,000; 1927, $192,366.36.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Vessels for Lighthouse Service—Aids to Navigation, Lighthouse Service— Public works: For constructing or purchasing and equipping lighthouse tenders and light vessels for the Lighthouse Service as may be specifically approved by the Secretary of Commerce, not to exceed [$609,000] *$1,100,000*; and for establishing and improving aids to navigation and other works as may be specifically approved by the Secretary of Commerce, [$638,000] *$622,000*; in all, [$1,247,000] *$1,722,000* (*U. S. C., p. 60, sec. 591; p. 1091, sec. 711; act Feb. 24, 1927, vol. 44, p. 1212*)	$1, 722, 000. 00	$1, 247, 000. 00
UNIT COST		
Constructing or purchasing and equipping lightships and lighthouse tenders for the Lighthouse Service, $1,100,000:		
3 lightships, at $341,666	$1, 025, 000	
1 tender to replace Waterlily	75, 000	
Total	1, 100, 000	
Establishing 9 additional acetylene lights in the Hudson River, N. Y., $25,000:		
Purchase of land for sites	3, 000	
Riprap, 12,000 tons, at $2.75 in place	33, 000	
Concrete, 160 yards, at $17	2, 720	
Steel towers, 18 feet, complete with piping for 6 acetylene cylinders, 9 at $335	3, 015	
Acetylene lanterns, 200 millimeters, complete with flashers, 9 at $225	2, 025	
Acetylene cylinders, 180 feet (27 spare), 81 at $50	4, 050	
Installing tanks, lanterns, etc	540	
Freight, transportation, etc	1, 250	
Total	49, 600	
Establishing aids to navigation to mark Upper Chesapeake Bay from Baltimore to the Delaware and Chesapeake Canal, $40,000:		
Worton Point—		
Sheet steel, 19,300 pounds, at 30 cents	5, 790	
Cast iron, 25,000 pounds, at 20 cents	5, 000	
Concrete, 205 cubic yards, at $42 in place	8, 610	
Painting	50	
Piling, staging, erecting	3, 500	
Riprap in place, 300 tons, at $14	4, 200	
Tower and appurtenances	700	
300 millimeters acetylene beacon lantern flasher, sun valve, etc	500	
1,000-pound fog bell	000	
CO_2 automatic bell striker	1, 600	
CO_2 cylinders, 50-pound capacity, 8 at $40	320	
Acetylene cylinders A-50, 9 at $50	450	
Turkey Point—		
Daboll trumpet, engine compressor tank, pipes, and operating gear	2, 000	
Elk River—		
Fog signal houses 2 at $900	1, 800	
300 millimeter lanterns, 2 at $800	1, 600	
Range light towers, 2 at $700	1, 400	
Pooles Island Bar—		
Piling, staging, erecting	3, 050	
Riprap, 275 tons in place, at $14	3, 850	
Total	40, 000	
Establishing and improving aids to navigation to mark the improved inland waterway from Albemarle Sound, N. C., to Neuse River, $10,000:		
Gas and bell buoys with lanterns, 2 at $3,345	6, 690	
Moorings for above buoys, 2 sets at $235	470	
Post lanterns converted, 14 at $140	1, 960	
Acetylene cylinders, 28 at $45	1, 260	
Accumulator houses, 14 at $35	490	
Creosoted piles, 42 at $35	1, 470	
Creosoted lumber, 11,000 feet at $120	1, 320	
Paint, 70 gallons at $3	210	
Hardware	150	
Labor, installing 14 structures, 20 days, at $85	1, 700	
Reflectors for day beacons, 12 sets, at $75	900	
Freight, etc	380	
	17, 000	
Allotted from appropriation of Feb. 24, 1927	7, 000	
Total	10, 000	
Establishing and improving aids to navigation in Tampa Bay, Fla., $17,000:		
Tower, galvanized structural steel, 32,100 pounds, at 19 cents, and cast iron, 41,860 pounds, at 14 cents	11, 960	
Reinforced concrete piling in place, 125 cubic feet, at $15.20	1, 900	
Illuminating apparatus (including installation)	3, 140	
Total	17, 000	
Constructing and establishing a diaphone fog signal, with quarters for keepers, wharf, etc., at Southwest Pass Entrance, La., $45,000:		
Fog-signal station on creosoted piling, 21,864 cubic feet, at $0.411	9, 000	
Kerosene engines, 2, at $1,800	3, 600	
Diaphones, 2, at $1,395	2, 790	
Air receivers and piping, lot	850	
Frame dwelling on creosoted piles in water, 25,216 cubic feet, at $0.515	13, 000	
Wharf or walk on creosoted piles with creosoted braces in water, 6,000 square feet, at $2.62	15, 760	
Total	45, 000	
Replacing worn-out steam fog-signal plants with modern compressed-air fog signals, eleventh and twelfth districts, $40,000:		
Compressed-air fog-signal installations, 4, at $10,000	40, 000	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object		Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Vessels for Lighthouse Service—Aids to Navigation, Lighthouse Service—Contd.			
Establishing and improving aids to navigation, Straits of Mackinac, Mich., $90,000:			
Remodel present keeper's dwelling for two families	$8,000		
Radiofog signal on structure off Cordwood Point	6,000		
Remodel fog signal	2,500		
Overhead transmission line, 8¼ miles, at $900	7,500		
Submarine cable, 2½ miles, at $3,500	8,750		
Other improvements and boats, Cheboygan Main Light	5,000		
Mechanical equipment Cheboygan Main Lighthouse	6,000		
Timber cribs, Cordwood Point and Fourteen Foot Shoal, 200,000 board feet, at $100	20,000		
Stone crib filling, Cordwood Point, etc., 2,500 tons, at $2.70	6,750		
Stone riprap, Cordwood Point, etc., 5,000 tons, at $2.50	12,500		
Concrete in pier, including reinforcing steel, Cordwood Point, etc., 5,400 cubic yards, at $18.50	99,900		
Steel sheathing and superstructure, Cordwood Point, etc., 50 tons, at $160	8,000		
Lighting equipment, Cordwood Point, etc., 2 at $1,500	3,000		
Fog-signal equipment, Cordwood Point, etc	11,700		
Clearing submarine sites, Cordwood Point, etc	4,900		
Acetylene and fog signal buoys, 3 at $6,500	19,500		
Total	230,000		
Allotted from appropriation, Feb. 24, 1927	78,000		
Balance necessary for completion of project	152,000		
Establishing and improving aids to navigation in the St. Marys River, Mich., $25,000:			
Piling, 3,000 linear feet, at $1, in place	3,000		
Concrete, 450 cubic yards, at $17	7,650		
Steel, fabricated, 10 tons, at $160	1,600		
Timber in place, 20,000 board feet, at $245 per 1,000	4,900		
Riprap and crib fill, 1,080 tons, at $2.50	2,700		
Steel tower	750		
Steel tower	1,900		
Steel towers, 4 at $300 each	1,200		
Steel towers, 2 at $200 each	400		
Lighting equipment, acetylene, 8 sets, at $1,250	10,000		
Fog-bell strikers with bells and supports, 3 at $2,300	6,900		
Total	41,000		
Establishing light and fog-signal stations at Lansing Shoal, Mich., $80,000:			
Heating plant	1,770		
Ice-thawing equipment	500		
Plumbing	1,782		
Electric wiring and lights	600		
Boat-handling equipment	4,285		
Interior miscellaneous equipment	1,000		
Oil engine driven air diaphone machinery and electric generators	10,000		
Small riprap, 2,800 tons, at $3.25	9,100		
Large riprap, 6,674 tons, at $4.25	28,363		
Total	80,000		
Establishing light and fog-signal station at North Manitou Shoal, Mich., $75,000:			
Foundation crib to water surface, with riprap (75 by 75 by 24 feet), 4,840 cubic yards, at $17	82,280		
Concrete pier and superstructure with base 60 by 60 feet, 3,770 cubic yards, at $25	94,250		
Lantern, third order	6,500		
Lens and lighting equipment, lot	1,500		
Fog signal equipment, lot	7,000		
Radio fog-signal apparatus, lot	6,000		
Freight, transportation, etc	2,470		
Total	200,000		
Establishing aids to navigation and improving existing aids in Muskegon Harbor, Mich., $37,200:			
South breakwater—			
Hollow foundation block, 20 by 10 by 14 feet, constructed of steel channels and reinforced concrete	$5,000		
40-foot steel tower for top of the foundation block	3,000		
Power house, 24 by 24 feet (on shore)	6,370		
Diaphone fog-signal apparatus, and duplicate electric compressors for inside of the foundation block, and oil engine driven electric generator inshore power house (commercial current)	10,580		
Electric transmission and control cable from shore to foundation block on the breakwater, 4,500 feet, at $2	9,000		
Pole line for connecting with city current, 1,500 feet, at 50 cents	750		
Fourth order lens lantern	2,500		
Total for south breakwater		37,200	
South pier—			
Moving present steel tower shoreward and placing on new foundation	1,000		
Removing old fog-signal building and steam boiler and old front light	500		
Total for south pier		1,500	
North pier—			
Moving present 31-foot steel tower and reestablishing on new concrete foundation		700	
North breakwater—			
40-foot steel tower on concrete base with acetylene light		5,500	
Dwellings for keepers at South Pier—			
5 dwellings, at $6,000 each (25 by 25 by 30 feet each—18,750 cubic feet, at 32 cents		18,000	
Freight, transportation, etc		6,300	
Grand total		69,200	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object		Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Vessels for Lighthouse Service—Aids to Navigation, Lighthouse Service—Contd.			
Establishing new aids to navigation and improving existing aids in Frankfort Harbor, Mich., $4,800:			
South breakwater—			
31-foot steel skeleton tower on concrete foundation and acetylene light		$4,800	
North breakwater—			
Construct hollow foundation block 20 by 10 by 14 feet, steel channels and reinforced concrete	$5,000		
40-foot steel skeleton tower for top of the foundation block	5,000		
Diaphone fog-signal apparatus and duplicate electric compressors for inside of foundation block, and oil-engine driven electric generators at steel tower at north pierhead (commercial current)	10,655		
Electric transmission and control cable from shore to foundation block on the breakwater, 4,000 feet, at $2	8,000		
Fourth order lens lantern	2,500		
Total for north breakwater		29,155	
North pierhead—			
Move present steel tower onto concrete foundation and fit up for power house and watchroom		2,500	
South pierhead—			
31-foot steel skeleton tower on concrete foundation		2,200	
North pierhead—			
Dwellings for 2 keepers, approximately 50 by 28 by 30 feet, 42,000 cubic feet, at 36 cents	$15,120		
Boat house, 13 by 24 by 10 feet, 3,840 cubic feet, at 20 cents	768		
		15,888	
Freight transportation, etc		5,457	
Grand total		60,000	
Establishing new aids to navigation and for improvements to existing aids in Alaska, $15,000:			
Gas and whistling buoy		7,500	
Gas and whistling buoy, 2, at $2,650		5,300	
Automatic lights, 2 at $2,500		5,000	
Automatic lights, 2 at $1,845		3,690	
Automatic lights, 6 at $1,245		7,470	
Automatic lights, 4 at $937.50		3,750	
Automatic lights, 3 at $540		1,620	
Diaphone for Cape St. Elias Lighthouse		1,650	
Freight, transportation, etc		4,020	
Total		40,000	
Establishing new aids and improving existing aids to navigation, Grays Harbor, Wash., $25,000:			
Gas and whistling buoys, spare, 2 at $4,000, complete		8,000	
Acetylene range lanterns, 350 millimeters, 3 at $800		2,400	
Acetylene lanterns, 300 millimeters, 4 at $300		1,200	
Acetylene lanterns, 200 millimeters, 2 at $280		560	
Acetylene cylinders A–25, 20 at $84		1,680	
Reflectors for electric lights, 4 at $60		240	
Locomotive headlights, 2 at $250		500	
Barge, 20 by 40 by 4, with house, complete		1,500	
Pile structures, 4, at $750		3,000	
Shore structures, 6, at $500		3,000	
Freight, transportation, etc		2,920	
Total		25,000	
Improving the Goat Island Lighthouse Depot, Calif., $30,000:			
3-story reinforced concrete warehouse (40 by 100 feet), 142,000 cubic feet, at 36 cents per cubic yard		51,120	
2-story reinforced concrete building for machine shop, etc. (40 by 80 feet), 80,000 cubic feet, at 38 cents per cubic foot		30,240	
Inspection costs and contingencies		3,640	
Total		85,000	
Rebuilding light station and dwellings, Santa Barbara, Calif., $5,000:			
Tower, foundation, etc		2,000	
Illuminating apparatus, time switch, etc		2,500	
Contingencies		500	
Total		5,000	
Constructing and equipping a lighthouse depot at Honolulu, Hawaii, $58,000:			
Wharf—			
Excavation and fill, 500 cubic yards, at $1.90		950	
Retaining wall (south side), reinforced concrete, 1¼ by 3 by 150 linear feet, at $5.50		825	
Building foundation wall on 400 linear feet of 14-inch concrete piles, wall 2 by 2 feet, 196 linear feet, at $12.50		2,450	
New reinforced concrete wharf on 2,400 linear feet of 16-inch concrete piles, 8,600 square feet, at $4.80		41,280	
Improving old wharf, concrete paving, 6,600 square feet, at $0.68106		4,495	
Total for wharf		50,000	
General storehouse, etc.—			
General storehouse, reinforced concrete and piling, 140,000 cubic feet, at $0.43		60,200	
Buoy shed, 23,000 cubic feet, at $0.11		2,530	
Forge shop, 4,000 cubic feet, at $0.22		880	
Equipment, general depot and buoy shed		1,200	
Equipment, machine, carpenter and blacksmith shops		3,800	
Miscellaneous, electric wiring, fire protectors, water and waste piping		1,390	
Total for storehouse		70,000	
Total		120,000	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Vessels for Lighthouse Service—Aids to Navigation, Lighthouse Service—Contd.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
32 Total	$1,722,000.00	$1,250,000.00	[1] $986,931.42

[1] The expenditures in 1927 in excess of the appropriation were made from the unexpended balances of prior appropriations.

Total, Bureau of Lighthouses	$11,145,250.00	$10,644,250.00

COAST AND GEODETIC SURVEY

Party Expenses, Coast and Geodetic Survey—

For every expenditure requisite for and incident to the work of the Coast and Geodetic Survey, including maintenance, repair, [or] *exchange, and* operation of motor-propelled or horse-drawn vehicles for use in field work, purchase of motor cycles with side cars, *including their exchange,* not to exceed $1,000, surveying instruments, rubber boots, canvas and rubber gloves, goggles, and caps, coats, and aprons for stewards' departments on vessels, extra compensation at not to exceed $1 per day for each station to employees of the Lighthouse Service and the Weather Bureau while observing tides or currents, services of one tide observer in the District of Columbia at not to exceed $1 per day, and compensation, not otherwise appropriated for, of persons employed in the field work, commutation to officers of the field force while on field duty, at a rate not exceeding $3 per day each, to be expended in accordance with the regulations relating to the Coast and Geodetic Survey prescribed by the Secretary of Commerce, and under the following heads:

Field expenses, Atlantic coast: For surveys and necessary resurveys of the Atlantic and Gulf coasts of the United States, including the coasts of outlying islands under the jurisdiction of the United States, $122,420.00: *Provided,* That not more than $45,000 of this amount shall be expended on the coasts of said outlying islands and the Atlantic entrance to the Panama Canal (*U. S. C., p. 60, secs. 591, 597; p. 1096, secs. 881–888; act Feb. 24, 1927, vol. 44, p. 1212*) 122,420.00 122,420.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $2,100 to $2,700; average, $2,400—						
Signalman	0.5	$2,400	0.5	$2,400	0.5	$2,400
Hand					0.5	2,160
Salary range, $1,860 to $2,400; average, $2,100—						
Hand	1	2,040	1	2,040	1.1	2,040
Hand	1	1,920	1	1,920	0.7	1,920
Motor engineer	1	1,920	1	1,920	1	1,920
Dragmaster	1	1,920	1	1,920	1	1,920
Salary range, $1,680 to $2,040; average, $1,860—						
Hand	1	1,800	1	1,800	1.6	1,800
Field clerk	1	1,740	1	1,740	1	1,740
Field clerk	1	1,680	1	1,680	1	1,680
Hand	1	1,680	1	1,680	1	1,680
Salary range, $1,500 to $1,860; average, $1,680—						
Hand	2	1,620	2	1,620	2.2	1,620
Hand	1	1,560	1	1,560	0.6	1,560
Hand	1	1,500	1	1,500	0.5	1,500
Field clerk	1	1,500	1	1,500	0.5	1,500
Salary range, $1,320 to $1,680; average, $1,500—						
Field clerk					0.5	1,440
Hand	5	1,440	5	1,440	4.7	1,440
Hand	1	1,380	1	1,380	1	1,380
Hand	1	1,320	1	1,320	1	1,320
Salary range, $1,020 to $1,260; average, $1,140—						
Hand	4	1,080	4	1,080	3.5	1,080
Salary range, $600 to $780; average, $690—						
Hand	1	720	1	720	0.8	720
Salary range, $420 to $600; average, $510—						
Hand	1	480	1	480	0.3	480
Salary range, $240 to $420; average, $330—						
Hand	2	360	2	360	2.2	360
Total average number of employees	28.5		28.5		25.2	
01 Total salaries and wages, field service		39,840		39,840		39,195

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Party Expenses, Coast and Geodetic Survey—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Supplies and materials:			
0200	Stationery and office supplies	$1,200.00	$1,200.00	$1,225.44
0210	Medical and hospital supplies	20.00	20.00	17.01
0230	Fuel	20,000.00	20,000.00	23,580.23
0240	Wearing apparel and sewing supplies	140.00	140.00	122.03
0270	Powder and explosives	800.00	800.00	830.71
0280	Sundry supplies	7,500.00	7,500.00	7,680.88
0290	Materials	9,500.00	9,500.00	9,060.78
02	Total supplies and materials	39,160.00	39,160.00	42,517.08
04	Care of animals and vehicles	350.00	350.00	291.40
	Communication service:			
0500	Telegraph services	20.00	20.00	14.87
0510	Telephone services	250.00	250.00	270.23
0520	Other communication service	200.00	200.00	91.42
05	Total communication service	470.00	470.00	376.52
06	Travel expenses	9,000.00	9,000.00	9,426.42
07	Transportation of things	2,000.00	2,000.00	1,979.07
08	Photographing	100.00	100.00	91.35
10	Heat, light, and power	1,500.00	1,500.00	1,521.71
	Rents:			
1100	Rent of buildings	1,700.00	1,700.00	1,689.26
1110	Other rents	4,300.00	4,300.00	1,912.70
11	Total rents	6,000.00	6,000.00	3,601.96
12	Repairs and alterations	2,500.00	2,500.00	1,871.02
13	Special nad miscellaneous current expenses	1,500.00	1,500.00	1,589.57
	Equipment:			
3010	Furniture, furnishings, and fixtures	4,000.00	4,000.00	3,701.65
3020	Scientific equipment	10,000.00	10,000.00	6,279.98
3050	Other equipment	6,000.00	6,000.00	5,993.27
30	Total equipment	20,000.00	20,000.00	15,974.90
	Total	122,420.00	122,420.00	118,436.00

Pacific coast: For surveys and necessary resurveys of coasts on the Pacific Ocean under the jurisdiction of the United States, including not to exceed $3,000 for construction of temporary shelter for the care of equipment and housing of personnel (*U. S. C., p. 60, secs. 591, 597; p. 1096, secs. 881–888; act Feb. 24, 1927, vol. 44, p. 1212*)—$311,640.00 | $315,640.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $3,800 to $5,000; average, $4,400—						
Engineer (chief cartographer, Manila office)	1	$4,400	1	$4,400	1	$4,400
Scientist (chief mathematician, Manila office)	1	4,400	1	4,400	1.3	4,400
Engineer (cartographer, Manila office)	2	4,000	2	4,000	1.2	4,000
Salary range, $3,300 to $3,900; average, $3,600—						
Engineer (in charge of lithography, Manila office)	1	3,800	1	3,800	1	3,500
Salary range, $2,400 to $3,000; average, $2,700—						
Clerk (chief clerk Manila office)	1	2,900	1	2,900	0.5	2,900
					0.5	2,600
Salary range, $1,860 to $2,400; average, $2,100—						
Hand					0.5	2,100
Hand	1	1,920	1	1,920	1	1,920
Motor engineer	1	1,920	1	1,920	1	1,920
Field clerk	1	1,860	1	1,860	0.5	1,860
Salary range, $1,680 to $2,040; average, $1,860—						
Field clerk					0.5	1,800
Hand	3	1,800	3	1,800	3.2	1,800
Hand	1	1,680	1	1,680	0.2	1,680
Salary range, $1,500 to $1,860; average, $1,680—						
Hand	1	1,620	1	1,620	0.7	1,620
Hand	1	1,560	1	1,560	1	1,560
Field clerk	1	1,500	1	1,500	0.5	1,500
Hand	1	1,500	1	1,500	1.3	1,500
Salary range, $1,320 to $1,680; average, $1,500—						
Field clerk					0.5	1,440
Hand	8	1,440	8	1,440	7.7	1,440
Salary range, $1,140 to $1,500; average, $1,320—						
Hand	1	1,200	1	1,200	1.2	1,200
Field clerk	1	1,140	1	1,140	1	1,140
Salary range, $1,020 to $1,260; average, $1,140—						
Hand	1	1,080	1	1,080	0.2	1,080
Recorder	1	1,080	1	1,080	1	1,080

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Party Expenses, Coast and Geodetic Survey—Continued.

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
		Average— *No.*	*Salary*	*Average*— *No.*	*Salary*	*Average*— *No*	*Salary*
	Field service—Continued.						
	Salaries and wages—Continued.						
	Salary range, $780 to $1,020; average, $900—						
	Hand	1	$900	1	$900	0.5	$900
	Recorder	2	900	2	900	2	900
	Recorder	3	780	3	780	3	780
	Salary range, $600 to $780; average, $690—						
	Recorder	4	640	4	640	4	640
	Recorder	2	600	2	600	2	600
	Salary range, $240 to $420; average, $330—						
	Hand	1	360	1	360	1	360
	Hand	1	300	1	300	1	300
	Hand	1	240	1	240	1	240
	Hand					1	60
	Total average number of employees	44		44		43	
01	Total salaries and wages, field service		68,180.00		68,180.00		66,202.00
	Supplies and materials:						
0200	Stationery and office supplies		4,000.00		4,000.00		4,189.83
0210	Medical and hospital supplies		50.00		50.00		
0220	Scientific supplies		50.00		50.00		
0230	Fuel		87,000.00		89,000.00		87,645.54
0240	Wearing apparel and sewing supplies		100.00		100.00		92.06
0270	Powder and explosives		1,500.00		1,500.00		1,494.65
0280	Sundry supplies		15,300.00		15,300.00		15,289.38
0290	Materials		15,000.00		15,000.00		14,467.62
02	Total supplies and materials		123,000.00		125,000.00		123,179.08
04	Care of animals and vehicles		150.00		150.00		143.92
	Communication service:						
0500	Telegraph service		50.00		50.00		32.74
0510	Telephone service		350.00		350.00		367.32
0520	Other communication service		100.00		100.00		119.75
05	Total communication service		500.00		500.00		519.81
06	Travel expense		25,000.00		25,000.00		25,000.00
07	Transportation of things		4,500.00		4,500.00		4,438.77
08	Photographing		30.00		30.00		25.15
09	Advertising		80.00		80.00		58.49
10	Heat, light, and power		1,300.00		1,300.00		1,304.03
	Rents:						
1100	Rent of buildings		2,000.00		2,000.00		1,831.39
1110	Other rents		8,000.00		8,000.00		7,712.82
11	Total rents		10,000.00		10,000.00		9,544.21
12	Repairs and alterations		4,200.00		4,200.00		4,332.11
13	Special and miscellaneous		1,700.00		1,700.00		1,708.56
	Equipment:						
3010	Equipment, furniture, and fixtures		8,000.00		8,000.00		7,748.69
3020	Scientific equipment		50,000.00		51,000.00		51,241.77
3050	Other equipment		15,000.00		16,000.00		15,826.39
30	Total equipment		73,000.00		75,000.00		74,816.85
53	Indemnity, damage to property						20.00
	Total		311,640.00		315,640.00		311,292.98

Tides, currents, and so forth: For continuing researches in physical hydrography, relating to harbors and bars, and for tidal and current observations on the coasts of the United States, or other coasts under the jurisdiction of the United States (*U. S. C., p. 60, secs. 591, 597; p. 1096, secs. 881–888; act Feb. 24, 1927, vol. 44, p. 1212*) $26,000.00 $26,775.00

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
		Average— *No.*	*Salary*	*Average*— *No.*	*Salary*	*Average*— *No.*	*Salary*
	Field service:						
	Salaries and wages—						
	Salary range, $1,860 to $2,400; average, $2,100—						
	Hand	1.1	$2,200	1.1	$2,200	1.1	$2,200
	Salary range, $1,680 to $2,040; average, $1,860—						
	Hand	0.5	1,800	0.5	1,800	0.5	1,800
	Salary range, $1,320 to $1,680; average, $1,500—						
	Hand	3.7	1,500	3.7	1,500	3.7	1,500
	Salary range, $1,020 to $1,260; average, $1,140—						
	Tide observer	1	1,140	1	1,140	1	1,140

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Party Expenses, Coast and Geodetic Survey—Continued.

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
		Average— *No.*	*Salary*	*Average*— *No.*	*Salary*	*Average*— *No.*	*Salary*
	Field service—Continued.						
	Salaries and wages—Continued.						
	Salary range, $240 to $420; average, $330—						
	Tide observer	17.8	$330	17.8	$330	17.8	$330
	Current observer	2	365	2	365	2	365
	Salary range, $120 to $240; average, $180—						
	Tide observer	2	180	2	180	2	180
	Total average number of employees	27.9		27.9		27.9	
01	Total salaries and wages, field service		16,570		16,570		16,570
	Supplies and materials:						
0200	Stationery and office supplies		70.00		70.00		63.05
0220	Technical supplies		10.00		10.00		
0230	Fuel		500.00		570.00		551.65
0280	Sundry supplies		700.00		830.00		814.34
0290	Materials not allocated		400.00		470.00		459.70
02	Total supplies and materials		1,680.00		1,950.00		1,888.74
04	Care of animals and vehicles		10.00		15.00		
	Communication service:						
0500	Telegraph service		5.00		5.00		
0510	Telephone service		5.00		5.00		
0520	Other communication service		25.00		25.00		21.02
05	Total communication service		35.00		35.00		21.02
06	Travel expenses		1,000.00		1,000.00		990.34
07	Transportation of things		270.00		270.00		231.86
08	Photographing and making photographs and prints		5.00		5.00		
09	Advertising		5.00		5.00		
10	Heat, light, water, power, etc		5.00		5.00		2.62
11	Rents (launch hire, etc.)		3,500.00		3,500.00		3,391.17
12	Repairs and alterations		285.00		285.00		273.17
13	Special and miscellaneous current expenses		70.00		70.00		65.67
	Equipment:						
3010	Furniture and fixtures		170.00		170.00		157.61
3020	Technical equipment		2,000.00		2,500.00		2,180.33
3050	All other equipment		270.00		270.00		260.47
30	Total equipment		2,440.00		2,940.00		2,598.41
32	Structures and fixed equipment		125.00		125.00		105.08
	Total		26,060.00		26,775.00		26,138.08

Coast Pilot: For compilation of the Coast Pilot, including the employment of such pilots and nautical experts, and stenographic help in the field and office as may be necessary for the same (*U. S. C., p. 60, secs. 591, 597; p. 1096, secs. 881–888; act Feb. 24, 1927, vol. 44, p. 1212*) $6,500.00 $6,500.00

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
		Average— *No.*	*Salary*	*Average*— *No.*	*Salary*	*Average*— *No.*	*Salary*
	Field service:						
	Salaries and wages—						
	Salary range, $1,680 to $2,040; average, $1,860—						
	Nautical expert	1	$1,800	1	$1,800	0.5	$1,800
	Hand	0.2	1,800	0.2	1,800	0.1	1,800
	Nautical expert					0.5	1,680
	Salary range, $1,500 to $1,860; average, $1,680—						
	Hand					0.1	1,500
	Stenographer	1	1,500	1	1,500	1	1,500
	Salary range, $1,140 to $1,500; average, $1,320—						
	Hand	0.5	1,200	0.5	1,200	0.1	1,200
	Total average number of employees	2.7		2.7		2.3	
01	Total salaries and wages, field service		4,200.00		4,200.00		3,688.64
	Supplies and materials:						
0200	Stationery and office supplies						2.90
0230	Fuel		150.00		150.00		92.85
0280	Sundry supplies		50.00		50.00		19.40
0290	Materials		50.00		50.00		
02	Total supplies and materials		250.00		250.00		115.15
05	Communication service (telephone)						1.55
06	Travel expenses		1,000.00		1,000.00		937.12
07	Transportation of things		50.00		50.00		54.86
11	Rents (vehicles and boats)		900.00		900.00		807.18
13	Special and miscellaneous current expenses						9.69
30	Equipment		100.00		100.00		
	Total		6,500.00		6,500.00		5,614.19

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Party Expenses, Coast and Geodetic Survey—Continued. Magnetic work: For continuing magnetic and seismological observations and to establish meridian lines in connection therewith in all parts of the United States; making magnetic and seismological observations in other regions under the jurisdiction of the United States; purchase of additional magnetic and seismological instruments; lease of sites where necessary and erection of temporary magnetic and seismological buildings; and including the employment in the field and office of such magnetic and seismological observers as may be necessary (*U. S. C., p. 60, secs. 591, 597; p. 1096, secs. 881–888; act Feb. 24, 1927, vol. 44, p. 1212*)	$50,000.00	$40,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $3,800 to $5,000; average, $4,400—						
Magnetic observer	2	$3,800	2	$3,800	2	$3,818
Salary range, $3,000 to $3,600; average, $3,300—						
Magnetic observer	5	3,250	4	3,250	4	3,240
Salary range, $1,860 to $2,400; average, $2,100—						
Magnetic observer	1	2,100	1	2,100	1	2,100
Salary range, $1,500 to $1,860; average, $1,680—						
Hand	2	1,620	1	1,620		
Salary range, $1,140 to $1,500; average, $1,320—						
Hand	3.6	1,260	3.6	1,260	3.6	1,232
Salary range, $360 to $540; average, $450—						
Hand	3	440	3	440	3.2	475
Total average number of employees	16.6		14.6		13.8	
Total salaries and wages, field service		35,025		30,155		28,718
Deduct allowance value of subsistence, lodging, etc., furnished		1,560		1,560		1,344
01 Total personal services, cash payment		33,465		28,595		27,374
The difference between 1929 and 1928 is due to increase of force, $4,870.						
Supplies and materials:						
0200 Stationery and office supplies		750.00		750.00		826.58
0210 Medical and hospital supplies						
0220 Scientific and educational supplies		50.00		50.00		
0230 Fuel		1,200.00		1,200.00		1,271.19
0280 Sundry supplies		500.00		500.00		785.25
0290 Materials		400.00		400.00		376.08
02 Total supplies and materials		2,900.00		2,900.00		3,259.10
04 Storage and care of vehicles		75.00		75.00		21.50
Communication service:						
0500 Telegraph service		10.00		10.00		1.22
0510 Telephone service		125.00		125.00		125.05
0520 Other communication service		50.00		50.00		45.30
05 Total communication service		185.00		185.00		171.57
06 Travel expenses		3,400.00		2,500.00		2,649.92
07 Transportation of things (service)		630.00		500.00		541.21
10 Furnishing of heat, light, and power		175.00		175.00		164.60
Rents:						
1100 Rent of buildings and structures						
1110 Other rents		125.00		125.00		125.00
11 Total rents		125.00		125.00		125.00
12 Repairs and alterations		1,000.00		1,000.00		1,205.87
13 Special and miscellaneous current expenses		50.00		50.00		2.15
Equipment:						
3010 Furniture, furnishings, and fixtures		945.00		945.00		1,307.46
3020 Educational and scientific equipment		4,100.00		1,100.00		3.25
3050 Other equipment		450.00		450.00		1,273.86
30 Total equipment		5,495.00		2,495.00		2,584.57
Structural and nonstructural improvements:						
3210 Other structures		2,400.00		1,000.00		6,647.42
3220 Nonstructural improvements		100.00		100.00		
32 Total structural and nonstructural improvements		2,500.00		1,100.00		6,647.42
				39,700.00		44,746.91
Unobligated balance						253.09
Reserve				300.00		
Total		50,000.00		40,000.00		45,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Party Expenses, Coast and Geodetic Survey—Continued. Federal, boundary, and State surveys: For continuing the lines of exact levels between the Atlantic, Pacific, and Gulf coasts; determining geographic positions by triangulation and traverse for the control of Federal, State, boundary, county, city, and other surveys and engineering works in all parts of the United States; determining field astronomic positions and the variation of latitude, including the maintenance and operation of the latitude observatory at Ukiah, California, not exceeding $2,500; establishing lines of exact levels; determining geographic positions by triangulation and traverse, and making astronomic observations in Alaska; and continuing gravity observations in the United States and for making such observations in regions under the jurisdiction of the United States and also on islands and coasts adjacent thereto, [$88,735] *$88,000* [of which $10,000 shall be immediately available] (*U. S. C., p. 60, sees. 591, 597; p. 1096, sees. 881–888; act Feb. 24, 1927, vol. 44, p, 1212*)	$88,000.00	$88,735.00

	Estimated expenditnres, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
Salary range, $3,800 to $5,000; average, $4,400—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Associate geodetic engineer	1	$4,200	1	$4,000	1	$4,000
Signalman	1	4,000	1	4,000	1	4,000
Salary range, $3,400 to $3,000; average, $2,700—						
Signalman			0.5	2,960	1	2,900
Salary range, $2,100 to $2,700; average, $2,400—						
Signalman	1	2,600	1.3	2,600	1.3	2,600
Junior astronomer	1	2,160	1	2,160	0.5	2,160
Salary range, $1,680 to $2,040; average, $1,860—						
Astronomic observer					0.5	1,890
Junior engineer			0.3	1,920	0.3	1,920
Hand, temporary	2	1,920	2.2	1,920	2.2	1,920
Salary range, $1,500 to $1,860; average, $1,680—						
Hand	2.5	1,800	2.5	1,800	2.5	1,800
Salary range, $1,320 to $1,680; average, $1,500—						
Hand	13.8	1,500	11.7	1,500	10.8	1,500
Total average number of employees	22.3		21.5		21.1	
Total salaries and wages, field service		42,000.00		41,840.00		41,742.49
The difference between 1929 and 1928 is due to increase in number of employees, $160.						
Deduct allowance value of quarters, subsistence, etc., furnished		300.00		300.00		300.00
01 Total personal services, cash payment		41,700.00		41,540.00		41,442.49
Supplies and materials:						
0200 Stationery and office supplies		20.00		20.00		21.25
0210 Medical and hospital supplies		5.00		5.00		3.00
0220 Scientific and educational supplies		5.00		5.00		4.80
0230 Fuel		2,320.00		2,320.00		2,323.14
0250 Forage and other supplies for animals		90.00		90.00		90.00
0280 Sundry supplies		2,070.00		2,070.00		2,070.76
0290 Materials		5,565.00		6,300.00		6,303.45
02 Total supplies and materials		10,075.00		10,810.00		10,816.40
04 Care of animals and storage of trucks		430.00		430.00		432.23
Communication service:						
0500 Telegraph		45.00		45.00		44.28
0510 Telephone		35.00		35.00		36.37
0520 Other communication service		30.00		30.00		31.89
05 Total communication service		110.00		110.00		112.54
06 Travel expenses		7,345.00		7,465.00		7,512.75
07 Transportation of things		1,980.00		1,980.00		1,989.92
10 Furnishing heat, light, and power		40.00		40.00		43.18
Rents:						
1100 Rents of buildings and structures		15.00		15.00		16.25
1110 Other rents		2,835.00		2,835.00		2,834.01
11 Total rents		2,850.00		2,850.00		2,850.26
12 Repairs and alterations		2,470.00		2,470.00		2,478.10
13 Special and miscellaneous current expenses		280.00		280.00		288.19
Equipment:						
3010 Furniture and furnishings		420.00		420.00		422.89
3020 Scientific equipment		1,230.00		1,230.00		1,232.65
3030 Other equipment		18,710.00		18,710.00		18,709.90
30 Total equipment		20,360.00		20,360.00		20,365.44
32 Structures		330.00		330.00		335.50
53 Indemnities		30.00		30.00		28.00
				88,695.00		88,695.00
Unobligated balance						40.00
Reserve				40.00		
Total		88,000.00		88,735.00		88,735.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Party Expenses, Coast and Geodetic Survey—Continued.		
For executing precise triangulation and leveling in regions subject to earthquakes (*U. S. C., p. 60, secs. 591, 597; p. 1096, secs. 881–888; act Feb. 24, 1927, vol. 44, p. 1212*)	$10,000.00	$10,000.00

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Field service:						
	Salaries and wages—	*Average—*		*Average—*		*Average—*	
	Salary range, $1,500 to $1,860; average, $1,680—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Hand	0.7	$1,800	0.7	$1,800	0.7	$1,800
	Salary range, $1,320 to $1,680; average, $1,500—						
	Hand	3.3	1,500	3.3	1,500	3.3	1,500
	Total average number of employees	4		4		4	
01	Total salaries and wages, field service		6,150.00		6,150.00		6,143.56
	Supplies and materials:						
	0200 Stationery and office supplies		1.00		1.00		1.00
	0220 Scientific and educational supplies		1.00		1.00		.35
	0230 Fuel		302.00		302.00		301.91
	0280 Sundry supplies		92.00		92.00		91.88
	0290 Materials		174.00		174.00		174.33
02	Total supplies and materials		570.00		570.00		569.47
04	Care of animals and storage of trucks		30.00		30.00		30.10
	Communication service:						
	0500 Telegraph		2.00		2.00		2.90
	0510 Telephone		1.00		1.00		.40
	0520 Other communication service		7.00		7.00		7.20
05	Total communication service		10.00		10.00		10.50
06	Travel expenses		980.00		980.00		1,087.81
07	Transportation of things		210.00		210.00		208.63
10	Furnishing heat, light, and power		5.00		5.00		3.00
11	Rents		5.00		5.00		3.75
12	Repairs and alterations		520.00		520.00		471.88
13	Special and miscellaneous current expenses		10.00		10.00		15.10
	Equipment:						
	3010 Furniture and furnishings		10.00		10.00		8.20
	3050 Other equipment		1,500.00		1,350.00		1,251.65
30	Total equipment		1,510.00		1,360.00		1,259.85
					9,850.00		9,803.65
	Unobligated balance						196.35
	Reserve				150.00		
	Total		10,000.00		10,000.00		10,000.00

For special surveys that may be required by the Bureau of Lighthouses or other proper authority, and contingent expenses incident thereto (*U. S. C., p. 60, secs. 591, 597; p. 1096, secs. 881–888; act Feb. 24, 1927, vol. 44, p. 1212*)	3,000.00	3,000.00

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Field service:						
	Salaries and wages—	*Average—*		*Average—*		*Average—*	
	Salary range, $1,320 to $1,680; average, $1,500—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Hand	0.5	$1,425	0.5	$1,425	0.7	$1,425
	Salary range, $900 to $1,140; average, $1,020—						
	Hand	2	900	2	900	2.6	900
	Salary range, $600 to $780; average, $690—						
	Hand					0.2	600
	Total average number of employees	2.5		2.5		3.5	
01	Total salary and wages, field service		2,512.00		2,512.00		3,084.31
	Supplies and materials:						
	0200 Stationery and office supplies						0.35
	0230 Fuel						4.60
	0280 Sundry supplies		50.00		50.00		37.97
	0290 Materials		100.00		100.00		150.28
02	Total supplies and materials		150.00		150.00		193.20
	Communication service:						
	0510 Telephone service		4.00		4.00		
	0520 Other communication service		4.00		4.00		4.50
05	Total communication service		8.00		8.00		4.50
06	Travel expenses		30.00		30.00		26.12
07	Transportation of things		20.00		20.00		
	Rents:						
	1100 Rent of buildings						293.22
	1110 Other rents		200.00		200.00		32.50
11	Total rents		200.00		200.00		325.72
12	Repairs		30.00		30.00		57.07
30	Equipment		50.00		50.00		36.12
	Total		3,000.00		3,000.00		3,727.04

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Party Expenses, Coast and Geodetic Survey—Continued. For objects not hereinbefore named that may be deemed urgent, including the preparation or purchase of plans and specifications of vessels and the employment of such hull draftsmen in the field and office as may be necessary for the same; the reimbursement, under rules prescribed by the Secretary of Commerce, of officers of the Coast and Geodetic Survey for food, clothing, medicines, and other supplies furnished for the temporary relief of distressed persons in remote localities and to shipwrecked persons temporarily provided for by them, not to exceed a total of $550; actual necessary expenses of officers of the field force temporarily ordered to the office in the District of Columbia for consultation with the director, and not exceeding $1,000 for the expenses of the attendance of representatives of the Coast and Geodetic Survey who may be designated as delegates from the United States at the meetings of the International Research Council or of its branches (*U. S. C., p. 60, secs. 591, 597, p. 1096, secs. 881–888; act Feb. 24, 1927, vol. 44, p. 1212*)	$4,000.00	$4,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service—						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
Salary range, $2,400 to $3,000; average, $2,700—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Assistant engineer (hull draftsman)					0.5	$2,500
Assistant engineer (hull draftsman)					0.2	2,700
Salary range, $3,000 to $3,600; average, $3,300—						
Associate engineer (hull draftsman)	1	$3,000	1	$3,000	0.3	3,000
Total average number of employees	1		1		1	
01 Total salary and wages, field service		3,000.00		3,000.00		2,863.72
06 Travel expenses		1,000.00		1,000.00		
Total		4,000.00		4,000.00		2,863.72

In all, field expenses	621,560.00	617,070.00
Repairs of Vessels, Coast Survey— Vessels: For repairs of vessels, including traveling expenses of persons inspecting the repairs, and exclusive of engineer's supplies and other ship chandlery (*U. S. C., p. 60, secs. 591, 597; p. 1096, secs. 881–888, act Feb. 24, 1927, vol. 44, p. 1214*)	80,000.00	80,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Supplies and materials:			
0280	Sundry supplies	$50.00	$50.00	$32.19
0290	Materials	250.00	250.00	247.31
02	Total supplies and materials	300.00	300.00	279.50
05	Telegraph service			1.95
06	Travel expenses	400.00	400.00	359.27
07	Transportation of things	500.00	500.00	565.31
09	Advertising			3.60
12	Repairs and alterations	66,700.00	66,700.00	66,234.52
	Equipment:			
3010	Equipment, furniture, and fixtures	900.00	900.00	907.65
3020	Scientific equipment	200.00	200.00	244.51
3050	Other equipment	11,000.00	11,000.00	11,388.17
30	Total equipment	12,100.00	12,100.00	12,540.33
				79,984.48
	Unobligated balance			1,015.52
	Total	80,000.00	80,000.00	81,000.00

Pay, etc., of Officers and Men, Coast Survey— For all necessary employees to man and equip the vessels, including professional seamen serving as mates on vessels of the survey to execute the work of the survey herein provided for and authorized by law (*U. S. C., p. 60, secs. 591, 597; p. 1096, secs. 881–888; act Feb. 24, 1927, vol. 44, p. 1214*)	640,000.00	650,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Pay, etc., of Officers and Men, Coast Survey—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $3,000 to $3,600; average, $3,300—						
Chief marine engineer	2	$3,120	2	$3,120		
Chief marine engineer	1	3,000	1	3,000	2	$3,000
Salary range, $2,700 to $3,300; average, $3,000—						
Chief marine engineer	7	2,880	6	2,880	1.3	2,880
Chief marine engineer	1	2,760	1	2,760	7	2,760
Mate	4	2,820	4	2,820	4	2,700
Salary range, $2,400 to $3,000; average, $2,700—						
Chief marine engineer	1	2,640	1	2,640	0.7	2,520
Surgeon	3	2,640	3	2,640		
Surgeon	2	2,520	2	2,520	4.5	2,520
Salary range, $2,100 to $2,700; average, $2,400—						
Assistant marine engineer	6	2,280	5	2,280	5.8	2,280
Salary range, $1,860 to $2,400; average, $2,100—						
Chief radio operator	1	2,180	1	2,180	1	2,180
Assistant marine engineer	8	2,040	6	2,040	8	2,040
Deck officer	5	2,000	30	2,000	8.7	2,000
Assistant marine engineer	8	1,860	7	1,860	7.7	1,860
Salary range, $1,680 to $2,040; average, $1,860—						
Chief radio operator	2	1,800	1	1,800	0.2	1,800
Electrician	4	1,800	3	1,800	2	1,800
Assistant marine engineer	13	1,680	13	1,680	15	1,680
Chief writer	1	1,680	1	1,680	1	1,680
Salary range, $1,500 to $1,860; average, $1,680—						
Boatswain	5	1,620	5	1,620	5	1,620
Chief writer	10	1,620	9	1,620	9.8	1,620
Radio operator	1	1,560	1	1,560	1	1,560
Boatswain	3	1,500	2	1,500	2.8	1,500
Radio operator	12	1,500	11	1,500	10.5	1,500
Cook	13	1,500	13	1,500	13	1,500
Steward	9	1,500	9	1,500	9	1,500
Carpenter	6	1,500	5	1,500	5.3	1,500
Salary range, $1,320 to $1,680; average, $1,500—						
Assistant marine engineer	1	1,380	1	1,380	1	1,380
Cook	7	1,380	6	1,380	6	1,380
Steward	4	1,380	3	1,380	3.5	1,380
Boatswain	7	1,380	7	1,380	7	1,380
Carpenter	3	1,380	2	1,380	2.7	1,380
Quartermaster	6	1,380	6	1,380	5.5	1,380
Radio operator	4	1,320	4	1,320	4.2	1,320
Writer	4	1,320	4	1,320	4	1,320
Salary range, $1,140 to $1,500; average, $1,320—						
Coxswain	2	1,260	2	1,260	2	1,260
Master at arms	1	1,260	1	1,260	1.2	1,260
Quartermaster	15	1,260	15	1,260	15	1,260
Oiler	12	1,260	12	1,260	12	1,260
Writer	1	1,260	1	1,260	1	1,260
Radio operator	2	1,260	1	1,260	1.7	1,260
Oiler	9	1,200	6	1,200	6	1,200
Quartermaster	4	1,200	3	1,200	3.7	1,200
Writer	2	1,200	1	1,200	1.7	1,200
Fireman	29	1,170	29	1,170	26	1,170
Seaman	89	1,170	89	1,170	89	1,170
Boatswain's mate	2	1,140	1	1,140	1.5	1,140
Coxswain	6	1,140	6	1,140	6	1,140
Master at arms	2	1,140	1	1,140	1.2	1,140
Quartermaster	7	1,140	6	1,140	7	1,140
Salary range, $1,020 to $1,260; average, $1,140—						
Fireman	14	1,110	14	1,110	19	1,110
Cook	10	1,110	9	1,110	10	1,110
Seaman	42	1,080	27	1,080	42	1,080
Mess attendant	35	1,020	32	1,020	35	1,020
Salary range, $900 to $1,140; average, $1,020—						
Assistant marine engineer	1	960	1	960	1	960
Salary range, $780 to $1,020; average, $900—						
Assistant marine engineer	2	780	2	780	2	780
Salary range, $600 to $780; average, $690—						
Boatswain	1	660	1	660	1	660
Steward	2	600	2	600	2	600
Carpenter	1	600	1	600	1	600
Cook	1	600	1	600	1	600
Salary range, $420 to $600; average, $510—						
Oiler	3	470	3	470	3	470
Boatswain	1	470	1	470	1	470
Radio operator	2	470	2	470	2	470
Salary range, $240 to $420; average, $330—						
Water tender	1	410	1	410	0.7	410
Cook	1	380	1	380	1	380
Fireman	6	350	6	350	6	350
Boatswain's mate	1	350	1	350	1	350
Quartermaster	4	350	4	350	4	350
Quartermaster	4	320	4	320	4	320
Mess attendant	4	320	4	320	4	320
Cook	1	305	1	305	1	305
Seaman	13	295	13	295	13	295
Fireman	6	290	6	290	6	290

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Pay, etc., of Officers and Men, Coast Survey—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service—Continued.						
Salaries and wages—Continued.	*Average—*		*Average—*		*Average—*	
Salary range, $240 to $420; average, $330—Contd.	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Mess attendant	1	$290	1	$290	1	$290
Seaman	12	270	12	270	12	270
Cook	1	270	1	270	1	270
Total average number of employees	517		500		509.6	
Total salaries and wages, field service		640,000.00		633,970.00		623,666.00
Deduct allowance value of subsistence, lodging, etc., furnished		145,354.00		132,670.00		134,152.00
01 Total personal services, cash payment		494,646.00		501,300.00		489,514.00
The difference between 1929 and 1928 is due to increase in force, $6,030.						
02 Medical supplies		500.00		500.00		500.00
02 Provisions for crews		136,055.00		123,790.60		125,360.00
03 Commutation of subsistence to officers		8,799.00		8,380.00		8,292.00
				633,970.00		623,666.00
Unobligated balance						26,334.00
Reserve				16,030.00		
Total		640,000.00		650,000.00		650,000.00

Pay and Allowances Commissioned Officers, Coast and Geodetic Survey—

Pay, commissioned officers: For pay and allowances prescribed by law for commissioned officers on sea duty and other duty, holding relative rank with officers of the Navy, including one director with relative rank of captain, two hydrographic and geodetic engineers with relative rank of captain, seven hydrographic and geodetic engineers with relative rank of commander, nine hydrographic and geodetic engineers with relative rank of lieutenant commander, thirty-eight hydrographic and geodetic engineers with relative rank of lieutenant, fifty-five junior hydrographic and geodetic engineers with relative rank of lieutenant (junior grade), twenty-nine aids with relative rank of ensign, and including officers retired in accordance with existing law, $490,000: *Provided*, That the Secretary of Commerce may designate one of the hydrographic and geodetic engineers to act as assistant director (*U. S. C., p. 60, secs. 591, 597; p. 1096, secs. 860–864; p. 1096, secs. 881–888; act Feb. 24, 1927, vol. 44, p. 1214*) ..... $490,000.00 | $490,000.00

01 Pay of commissioned officers: Expenditures—1929, $490,000; 1928, $490,000; 1927, $482,810.14.

Salaries, Coast and Geodetic Survey—

Office force: For personal services in the District of Columbia, in accordance with the classification act of 1923 (*U. S. C., p. 60, secs. 591, 597; p. 1096, secs. 881–888; act Feb. 24, 1927, vol. 44, p. 1214*) ..... 446,520.00 | 446,520.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
Grade 5, $5,200 to $6,000; average, $5,600—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Senior engineer (chief cartographic draftsman)	1	$5,600	1	$5,600	1	$5,500
Grade 4, $3,800 to $5,000; average, $4,400—						
Scientist (mathematician)	9	4,311	9	4,311	9	4,167
Engineer (cartographer, chief engraver, chief of division, chief printer)	13	4,184	13	4,184	13	4,054
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate scientist (associate mathematician)	6	3,166	6	3,166	6.7	3,110
Associate engineer (associate cartographer, engraver, lithographer)	15	3,100	15	3,100	13.3	3,075
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant scientist (assistant mathematician)	5	2,440	5	2,440	4.2	2,440
Assistant engineer (assistant cartographer, mechanical draftsman)	5	2,440	5	2,440	4.5	2,427
Assistant librarian (librarian)	1	2,700	1	2,700	1	2,600
Grade 1, $1,860 to $2,400; average, $2,100—						
Junior scientist (junior mathematician)	12	1,905	12	1,905	12	1,891
Junior engineer (junior cartographer)	6.7	1,925	6.7	1,925	3.6	1,990
Subprofessional service—						
Grade 8, $2,400 to $3,000; average, $2,700—						
Chief engineering draftsman (draftsman)	3	2,533	3	2,533	2.8	2,503
Chief engineering aid (instrument maker)	1	2,600	1	2,600	1	2,550
Chief lithographer, artistic (lithographer)	10	2,510	10	2,510	8.8	2,503
Chief lithographer, mechanical (lithographic pressman)	1	2,700	1	2,700	1	2,650

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries, Coast and Geodetic Survey—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average—		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Departmental service—Continued.						
Salaries—Continued.						
Subprofessional service—Continued.						
Grade 7, $2,100 to $2,700; average, $2,400—						
Principal laboratory mechanic (instrument maker, pattern maker)	2	$2,250	2	$2,250	2	$2,200
Principal lithographer, mechanical (photographer)	1	2,200	1	2,200	1	2,150
Grade 6, $1,860 to $2,400; average, $2,100—						
Senior laboratory mechanic (instrument maker)	3	1,984	3	1,984	5	1,946
Senior engineering draftsman (draftsman)	1	1,860	1	1,860	1.2	1,886
Senior lithographer, artistic (lithographer-engraver)	6	1,936	6	1,936	5.4	1,932
Senior lithographer, mechanical (lithographer-printer)	11	1,978	11	1,978	12.8	2,084
Grade 5, $1,680 to $2,040; average, $1,860—						
Laboratory mechanic (pattern maker)	2	1,800	2	1,800	2	1,755
Engineering draftsman (draftsman)	4	1,725	4	1,725	5	1,730
Grade 4, $1,500 to $1,860; average, $1,680—						
Assistant laboratory mechanic (electrotyper)	1	1,620	1	1,620	1	1,590
Assistant engineering draftsman (chart corrector)	4	1,575	4	1,575	4	1,545
Junior library assistant	1	1,560	1	1,560	1	1,530
Assistant lithographer, artistic (apprentice engraver, lithographer)	1	1,500	1	1,500	1.7	1,555
Grade 3, $1,320 to $1,680; average, $1,500—						
Junior lithographer, mechanical (lithographic pressman)	1	1,680	1	1,680	1	1,680
Junior lithographer, artistic (lithographer)	3	1,320	3	1,320		
Grade 2, $1,140 to $1,500; average, $1,320—						
Minor library assistant	1	1,320	1	1,320	1	1,290
Apprentice lithographer, mechanical	1	1,200	1	1,200	1	1,170
Clerical, administrative, and fiscal service—						
Grade 9, $3,000 to $3,600; average, $3,300—						
Senior administrative assistant (chief of division)	2	3,300	2	3,300	2	3,250
Grade 8, $2,700 to $3,300; average, $3,000—						
Administrative assistant (chief of section)	1	3,000	1	3,000	1	2,900
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant	2	2,700	2	2,700	1.3	2,659
Chief photographer	1	2,700	1	2,700	1	2,600
Assistant editor	1	2,400	1	2,400	0.8	2,400
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	2	2,350	2	2,350	2.5	2,265
Grade 5, $1,860 to $2,400; average, $2,100—						
Senior clerk	4	2,050	4	2,050	4	2,018
Senior clerk-stenographer	1	2,000	1	2,000	1	1,960
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	7	1,775	7	1,775	7	1,758
Clerk-stenographer	2	1,800	2	1,800	2	1,755
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	3	1,580	3	1,580	3	1,550
Senior stenographer	3	1,540	3	1,540	2.8	2,533
Assistant clerk-stenographer	3	1,580	3	1,580	3	1,540
Junior transportation and traffic clerk	1	1,500	1	1,500	1	1,525
Senior operator, office devices	1	1,500	1	1,500	0.4	1,500
Assistant photographer	1	1,560	1	1,560	1	1,530
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	1	1,320	1	1,320	0.7	1,347
Junior clerk-stenographer	2	1,320	2	1,320	2	1,323
Junior clerk-typist	1	1,380	1	1,380	1	1,350
Junior stenographer	2	1,380	2	1,380	2	1,365
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	2	1,200	2	1,200	2.1	1,182
Custodial service—						
Grade 10, $2,400 to $3,000; average, $2,700—						
Mechanical superintendent (engineer)	1	2,600	1	2,600	1	2,550
Grade 6, $1,500 to $1,860; average, $1,680—						
Mechanic	1	1,560	1	1,560	1	1,530
Grade 4, $1,140 to $1,500; average, $1,320—						
Head messenger	1	1,202	1	1,200	1	1,170
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger	2	1,140	2	1,140	2	1,110
Senior laborer	10	1,140	10	1,110	10	1,085
Grade 2, $780 to $1,140; average, $1,020—						
Junior laborer	1	960	1	960	1	930
Total average number of employees	192.7		192.7		184.6	
01 Total salaries, departmental service		446,520		446,520		424,942
Unobligated balance						58
Total		446,520		446,520		425,000

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
General Expenses, Coast and Geodetic Survey—		
Office expenses: For purchase of new instruments (except surveying instruments), including their exchange, materials, equipment, and supplies required in the instrument shop, carpenter shop, and drawing division; books, scientific and technical books, journals, books of reference, maps, charts and subscriptions; copper plates, chart paper, printer's ink, copper, zinc, and chemicals for electrotyping and photographing; engraving, printing, photographing, and electrotyping supplies; photolithographing charts and printing from stone and copper for immediate use; stationery for office and field parties; transportation of instruments and supplies when not charged to party expenses; office wagon and horses or automobile truck; heating, lighting, and power; telephones, including operation of switchboard; telegrams, ice, and washing; office furniture, repairs, traveling expenses of officers and others employed in the office sent on special duty in the service of the office; miscellaneous expenses, contingencies of all kinds, not exceeding $90 for street-car fares (*U. S. C., p. 60, secs. 591, 597; p. 1096, secs. 881–888; act Feb. 24, 1927, vol. 44, p. 1214*)	$64,000.00	$65,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Departmental service:			
	Salaries—			
	Clerical, administrative, and fiscal service—			
	Grade 1, $1,140 to $1,500; average, $1,320—	*Average—*	*Average—*	*Average—*
	Underoperator, office devices (telephone operator)	*No.* 2 *Salary* $1,320	*No.* 2 *Salary* $1,200	*No.* 2 *Salary* $1,200
	Total average number of employees	2	2	2
01	Total salaries, departmental service	2,640	2,400	2,400
	The difference between 1929 and 1928 is due to increase in salaries, $240.			
	Supplies and materials:			
0200	Office supplies	6,500.00	4,200.00	6,627.29
0201	Stationery		2,000.00	
0210	Hospital supplies	5.00		5.84
0230	Fuel	20.00	20.00	43.49
0280	Sundry supplies	34,635.00	32,575.00	37,136.45
0290	Materials		2,500.00	
02	Total supplies and materials	41,160.00	41,295.00	43,813.07
	Communication service:			
0500	Telegraph service	600.00	750.00	450.00
0510	Telephone service	1,150.00	1,100.00	1,003.72
05	Total communication service	1,750.00	1,850.00	1,453.72
06	Travel expense	600.00	900.00	425.84
07	Transportation of things	1,250.00	1,245.00	1,200.00
08	Printing and binding		480.00	
09	Advertising		30.00	
10	Furnishing of heat, light, power, water, and electricity	3,000.00	3,000.00	3,154.01
12	Repairs and alterations	2,000.00	2,000.00	3,587.83
	Equipment:			
3010	Furniture, furnishings, and fixtures	9,000.00	8,100.00	5,819.01
3020	Educational, scientific, and recreational	1,500.00	3,000.00	754.51
3050	Other equipment	1,100.00	700.00	4,626.31
30	Total equipment	11,600.00	11,800.00	11,199.83
32	Repairs to building			392.00
	Total	64,000.00	65,000.00	[1] 67,626.30

[1] Credits to this appropriation during the fiscal year amounted to $769.48.

Appropriations herein made for the Coast and Geodetic Survey shall not be available for allowance to civilian or other officers for subsistence while on duty at Washington (except as hereinbefore provided for officers of the field force ordered to Washington for short periods for consultation with the director), except as now provided by law.

Total, Coast and Geodetic Survey	2,342,080.00	2,348,590.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object		Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
BUREAU OF FISHERIES			
Salaries, Bureau of Fisheries—			
Commissioner's office: For the commissioner and other personal services in the District of Columbia in accordance with the classification act of 1923 (*U. S. C., p. 60, secs. 591–597; p. 438, secs. 741–751; act Feb. 24, 1927, vol. 44, p. 1214*)	$166,778.00		
For pay of employees in the field as follows:			
Alaska service (*same acts*)	49,210.00		
Employees at large (*same acts*)	47,730.00		
Distribution (car) employees (*same acts*)	33,600.00		
Employees at fish-cultural stations (*same acts*)	266,900.00		
Employees at fish-rescue station Mississippi River Valley (*same acts*)	19,600.00		
Employees at biological stations (*same acts*)	40,860.00		
For pay of officers and employees for the vessels of the Atlantic coast (*same acts*)	42,800.00		
For officers and crew of vessels for Alaska fisheries service (*same acts*)	78,870.00		
		$746,348.00	$719,668.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional service—	*Average*—		*Average*—		*Average*—	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 6, $6,000 to $7,500; average, $6,750—						
Chief scientist (Commissioner of Fish and Fisheries)	1	$7,500	1	$7,500	1	$7,000
Grade 5, $5,200 to $6,000; average, $5,600—						
Senior scientist (Deputy Commissioner of Fisheries)	1	5,800	1	5,800	1	5,800
Grade 4, $3,800 to $5,000; average, $4,400—						
Scientist (assistant in charge of divisions)	3	4,400	3	4,400	3	4,300
Scientist (fish pathologist)	1	4,200	1	4,200	1	4,100
Scientist (technologist)	1	3,800	1	3,800	1.3	4,100
Scientist (ichthyologist)	1	3,800	1	3,800	1	3,800
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate aquatic biologist (associate aquatic biologist)	2	3,150	2	3,150	2	3,150
Associate aquatic biologist (assistant chief of division)	1	3,000	1	3,000	1	3,000
Associate architect (architect)	1	3,000	1	3,000	1	3,000
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant scientist (assistant aquatic biologist)	1	2,600	1	2,600	1	2,450
Assistant engineer	1	2,500	1	2,500	1	2,400
Assistant technologist	1	2,400	1	2,400		
Grade 1, $1,860 to $2,400; average, $2,100—						
Junior scientist (junior aquatic biologist)	1	1,860	1	1,860	0.9	1,860
Junior scientist (junior technologist)	2	1,860	2	1,860	0.7	1,860
Junior scientist (junior chemist)					0.3	1,860
Subprofessional service—						
Grade 8, $2,400 to $3,000; average, $2,700—						
Chief scientific aid	1	2,800	1	2,800	1	2,800
Chief scientific aid (superintendent of fish district)	1	2,500	1	2,500	1	2,500
Grade 7, $2,100 to $2,700; average, $2,400—						
Principal scientific aid (superintendent central station)	1	2,200	1	2,200	1	2,150
Grade 6, $1,860 to $2,400; average, $2,100—						
Senior library assistant (librarian)	1	1,920	1	1,920	1	1,920
Grade 4, $1,500 to $1,860; average, $1,680—						
Assistant laboratory mechanic	1	1,620	1	1,620	1	1,590
Junior librarian	1	1,620	1	1,620	1	1,530
Grade 3, $1,320 to $1,680; average, $1,500—						
Fish culturist	1	1,500	1	1,500	1	1,500
Grade 1, $900 to $1,260; average, $1,020—						
Minor scientific helper (apprentice fish-culturist)	2	1,100	2	1,080	2	1,080
Clerical, administrative, and fiscal service—						
Grade 11, $3,800 to $5,000; average, $4,400—						
Administrative officer (assistant in charge of division)	1	4,400	1	4,400	1	4,300
Grade 9, $3,000 to $3,600; average, $3,300—						
Senior administrative assistant (assistant in charge of office)	1	3,300	1	3,300	1	3,250
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant (special assistant)	1	2,900	1	2,900	1	2,900
Junior administrative assistant (secretary to commissioner)	1	2,900	1	2,900	1	2,850
Junior administrative assistant	1	2,600	1	2,600	1	2,450
Junior administrative assistant (statistician)	1	2,400	1	2,400	1	2,400
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk (editorial clerk)	1	2,400	1	2,400	1	2,400
Principal clerk	1	2,300	1	2,300	1	2,200
Principal clerk (statistical agent)	3	2,133	3	2,133	3	2,120
Grade 5, $1,860 to $2,400; average, $2,100—						
Senior clerk	1	2,000	1	2,000	1	2,000
Senior clerk (stenographer)	1	1,860	1	1,860	1	1,920
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk-stenographer	5	1,860	5	1,860	5	1,854
Clerk	2	1,810	2	1,810	2	1,770
Junior statistical agent	3	1,800	3	1,760	2.9	1,760

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries, Bureau of Fisheries—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average—		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Departmental service—Continued.						
Salaries—Continued.						
Clerical, administrative, and fiscal service—Con.						
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	6	$1,720	6	$1,740	5	$1,700
Assistant clerk-stenographer	2	1,620	2	1,620	2	1,635
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	3	1,580	3	1,580	4	1,560
Junior clerk-stenographer	3	1,440	3	1,440	4.2	1,430
Junior clerk-typist	1	1,380	1	1,380	1	1,350
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	1	1,380	1	1,380		
Underclerk	1	1,260	1	1,260	1	1,230
Custodial service—						
Grade 4, $1,140 to $1,500; average, $1,320—						
Under mechanic	1	1,200	1	1,200	1	1,200
Head messenger	1	1,140	1	1,140	1	1,140
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger	4	1,125	4	1,125	4	1,125
Grade 2, $900 to $1,140; average, $1,020—						
Junior laborer	2	990	2	990	2	960
Total number of employees	75		75		73.4	
Total salaries, departmental service		166,778		166,778		162,476
Field service:						
Alaska service—						
Salaries (Pribilof Islands)—						
Salary range, $3,000 to $3,600; average, $3,300—						
Superintendent	1	3,500	1	3,500	1	3,500
Salary range, $2,400 to $3,000; average, $2,700—						
Agent and caretaker	2	2,900	2	2,900	2	2,900
Physician	2	2,800	2	2,800	1.6	2,800
Salary range, $2,100 to $2,700; average, $2,400—						
Storekeeper	2	2,600	2	2,600	2	2,600
Salary range, $1,860 to $2,400; average, $2,100—						
Assistant to agent	1	2,040	1	2,040	1	2,040
Salary range, $1,680 to $2,040; average, $1,860—						
School-teacher	3	1,800	3	1,800	3	1,800
At large—						
Salaries—						
Salary range, $3,300 to $3,900; average, $3,600—						
Agent	1	3,500	1	3,500	1	3,500
Salary range, $2,100 to $2,700; average, $2,400—						
Assistant agent	3	2,300	3	2,300	3	2,300
Inspector	1	2,100	1	2,100	1	2,100
Salary range, $1,860 to $2,400; average, $2,100—						
Assistant agent	1	1,860	1	1,860	1	1,860
Salary range, $1,320 to $1,680; average, $1,500—						
Warden	8	1,448	8	1,448	8	1,448
Total average number of employees	25		25		24.6	
Total salaries, Alaska service		53,450		53,450		52,503
Deduct allowance value of subsistence, lodging, etc., furnished		4,240		4,240		3,545
Cash payment, salaries and wages		49,210		49,210		48,958
Employees at large—						
Salaries—						
Salary range, $3,800 to $5,000; average, $4,400—						
Field assistant	2	4,100	1	4,000	1	3,900
Salary range, $3,000 to $3,600; average, $3,300—						
Field superintendent	1	3,300	1	3,300	1	3,100
Field assistant	2	3,050	2	3,050	2	3,000
Salary range, $2,100 to $2,700; average, $2,400—						
Scientific assistant	2	2,500	2	2,500	2	2,350
Salary range, $1,860 to $2,400; average, $2,100—						
Scientific assistant	1	1,920	1	1,920	1.7	1,860
Salary range, $1,500 to $1,860; average, $1,680—						
Clerk	2	1,590	2	1,590	2	1,545
Salary range, $1,140 to $1,500; average, $1,320—						
Fish culturist	5	1,300	3	1,280	3	1,230
Machinist	5	1,308	5	1,308	5	1,290
Clerk	2	1,290	2	1,290	0.9	1,140
Coxswain	2	1,140	2	1,140	1.5	1,140
Salary range, $780 to $1,020; average, $900—						
Local statistical agent	3	860	3	860	3	850
Total average number of employees	27		24		23.1	
Total salaries		47,730		40,850		39,384
The difference between 1929 and 1928 is due to increase in force, $6,880.						
Distribution (car) employees—						
Salaries—						
Salary range, $1,680 to $2,040; average, $1,860—						
Car captain	5	1,760	5	1,760	5	1,760
Salary range, $1,320 to $1,680; average, $1,500—						
Car messenger	6	1,420	6	1,420	6	1,420
Salary range, $1,140 to $1,500; average, $1,320—						
Assistant car messenger	5	1,242	5	1,242	6	1,242
Apprentice car messenger	5	1,140	6	1,140	4.6	1,140
Salary range, $900 to $1,140; average, $1,020—						
Car cook	5	1,010	6	1,010	4.5	1,010
Total average number of employees	26		26		25.1	
Total salaries		33,600		33,600		33,333

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries, Bureau of Fisheries—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average—		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Field service—Continued.						
Employees of fish cultural stations—						
Salaries—						
Salary range, $2,100 to $2,700; average, $2,400—						
Superintendent	31	$2,143	31	$2,143	31	$2,143
Salary range, $1,860 to $2,400; average, $2,100—						
Superintendent	3	1,950	3	1,950	3	1,950
Salary range, $1,680 to $2,040; average, $1,860—						
Foreman	5	1,740	5	1,740	4.9	1,740
Salary range, $1,500 to $1,860; average, $1,680—						
Foreman	14	1,600	13	1,600	11.5	1,607
Salary range, $1,320 to $1,680; average, $1,500—						
Fish culturist	30	1,420	30	1,420	29.2	1,420
Engineer	3	1,440	3	1,440	3	1,440
Salary range, $1,140 to $1,500; average, $1,320—						
Machinist	3	1,240	2.5	1,240	2.4	1,230
Fish culturist	10	1,280	10	1,280	10	1,295
Apprentice fish culturist	11	1,200	11	1,200	10.4	1,200
Salary range, $900 to $1,140; average, $1,020—						
Cook	3	1,080	3	1,080	3	1,080
Salary range, 900 to $1,140; average, $1,020—						
Apprentice fish culturist	90	950	84	950	81.2	980
Fireman	10	1,005	10	1,005	9.4	1,005
Salary range, $780 to $1,020; average, $900—						
Laborer					0.5	900
Custodian	2	840	2	840	2	840
Total average number of employees	214		207		201.5	
Total salaries and wages at fish cultural stations		280,000		272,874		267,748
Deduct allowance value of subsistence, quarters, etc		13,100		12,874		12,861
Cash payment, salaries and wages		266,900		260,000		254,887
The difference between 1929 and 1928 is due to increase in force, $6,900.						
Fish rescue station—						
Salaries—						
Salary range, $2,700 to $3,300; average, $3,000—						
District supervisor	1	3,200	1	3,200	1	3,050
Salary range, $1,860 to $2,400; average, $2,100—						
Superintendent	1	2,200	1	2,200	1	2,040
Salary range, $1,500 to $1,860; average, $1,680—						
Field foreman	2	1,500	2	1,500	2	1,500
Salary range, $1,320 to $1,680; average, $1,500—						
Clerk	1	1,440	1	1,440	1	1,440
Engineer	1	1,440	1	1,440	1	1,440
Salary range, $1,140 to $1,500; average, $1,320—						
Fish culturist at large	4	1,320	4	1,320	3.5	1,320
Salary range, $900 to $1,140; average, $1,020—						
Coxswain at large	2	1,020	2	1,020	2	1,020
Apprentice fish culturist	2	960	2	960	2	930
Total average number of employees	14		14		13.5	
Total salaries and wages at fish rescue station		20,200		20,200		18,630
Deduct allowance value of subsistence, etc		600		600		600
Cash payment, salaries and wages		19,600		19,600		18,030
Employees at biological stations—						
Salaries—						
Salary range, $3,800 to $5,000; average, $4,000—						
Director	2	4,000	2	4,000	2	4,000
Salary range, $2,100 to $2,700; average, $2,400—						
Assistant aquatic biologist	2.5	2,400	2.5	2,400	2.2	2,400
Superintendent of fish culture	1	2,300	1	2,300	1	2,300
Salary range, $1,860 to $2,400; average, $2,100—						
Scientific assistant	4	1,900	4	1,900	3.3	1,900
Shell expert	1	2,000	1	2,000	1	2,000
Biological collector	1	1,860	1	1,860		
Salary range, $1,680 to $2,040; average, $1,860—						
Foreman	2	1,830	2	1,830	2	1,830
Salary range, $1,500 to $1,860; average, $1,680—						
Fish culturist	1	1,560	1	1,560	1	1,560
Engineer	1	1,620	1	1,620	1	1,620
Salary range, $1,140 to $1,500; average, $1,320—						
Clerk	1.5	1,320	1.5	1,320	1.7	1,320
Laboratory aid	1	1,320	1	1,320	0.3	1,320
Salary range, $900 to $1,140; average, $1,020—						
Apprentice fish culturist	3.3	930	3.3	930	3.3	900
Fireman	1	900	1	900	1	900
Laborer	1	900	1	900	0.5	900
Total average number of employees	23.3		23.3		20.3	
Total salaries and wages, employees		42,123		42,123		38,883
Deduct allowance value of subsistence, etc		1,263		1,263		1,150
Cash payment, salaries and wages		40,860		40,860		37,733

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries, Bureau of Fisheries—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average— *No.*	*Salary*	*Average*— *No.*	*Salary*	*Average*— *No.*	*Salary*
Field service—Continued.						
Vessels, Atlantic coast—						
Salaries—						
Salary range, $2,700 to $3,300; average, $3,000—						
Master	1	$3,200	1	$3,200	1	$2,900
Salary range, $2,400 to $3,000; average, $2,700—						
Engineer	1	2,500	1	2,500	1	2,500
Salary range, $1,860 to $2,400; average, $2,100—						
Chief mate	1	2,340	1	2,340	1	2,200
Master	2	2,250	2	2,250	2	2,200
Assistant engineer	3	2,060	3	2,060	3	2,060
Salary range, $1,680 to $2,040; average, $1,860—						
Mate	1	1,860	1	1,860	1	1,860
Salary range, $1,320 to $1,680; average, $1,500—						
Steward	2	1,590	2	1,590	2	1,500
Fisherman	8	1,410	8	1,410	2	1,410
Fireman	1	1,380	1	1,380	1	1,380
Radio operator	1	1,440	1	1,440		
Salary range, $1,140 to $1,500; average, $1,320—						
Oiler	4	1,230	4	1,230	4	1,230
Fireman	6	1,140	6	1,140	1.8	1,170
Salary range, $1,020 to $1,260; average, $1,140—						
Seaman	4	1,110	4	1,110	4.9	1,110
Salary range, $900 to $1,140; average, $1,020—						
Messman	1	1,020	1	1,020		
Mess boy	1	960	1	960	2	960
Total average number of employees	37		37		26.7	
Total salaries and wages, Atlantic coast vessels		56,120		56,120		41,718
Deduct allowance value of subsistence, quarters, etc		13,320		13,320		9,009
Cash payment, salaries and wages		42,800		42,800		32,709
Alaska vessels—						
Salaries—						
Salary range, $2,400 to $3,000; average, $2,700—						
Master	6	2,670	5	2,652	3.9	2,591
First engineer	1	2,760	1	2,760	1	2,760
Chief engineer	3	2,460	2	2,460	0.8	2,520
Engineer	1	2,460	1	2,460		
Salary range, $2,100 to $2,700; average, $2,400—						
Master	3.3	2,268	3.3	2,268	3.7	2,248
First officer	3	2,100	2	2,100	1	2,100
Assistant engineer	2.5	2,160	1.5	2,160		
Port steward	1	2,160	1	2,160	0.8	2,160
Salary range, $1,860 to $2,400; average, $2,100—						
Master					0.7	2,040
Engineer	6.7	1,923	6.7	1,923	4.5	1,946
Assistant engineer					0.8	2,040
Second engineer	1	1,860	1	1,860	1	1,860
Mate	1	1,860	1	1,860	0.5	1,860
Salary range, $1,500 to $1,860; average, $1,680—						
Cook	4.3	1,560	3.3	1,560	1.8	1,560
Wireless operator	2.4	1,560	1.4	1,560	0.6	1,560
Salary range, $1,320 to $1,680; average, $1,500—						
Quartermaster	2	1,410	2	1,410	1.8	1,407
Seaman	1	1,440	1	1,440	0.4	1,440
Cook	3.2	1,440	3.2	1,440	2.7	1,436
Salary range, $1,140 to $1,500; average, $1,320—						
Seaman	6.5	1,260	4.5	1,260	3.6	1,260
Salary range, $1,020 to $1,260; average, $1,140—						
Mess boy	3.5	1,032	2.5	1,032	1.4	1,038
Salary range, $600 to $780; average, $690—						
Watchman					0.7	600
Total average number of employees	52.4		43.4		31.7	
Total salaries and wages, Alaska vessels		97,734		81,594		58,773
Deduct allowance value of subsistence, lodging, etc		18,864		15,624		11,412
Cash payment, salaries, and wages		78,870		65,970		47,361

The difference between 1929 and 1928 is due to increase in force, $12,900.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Miscellaneous Expenses, Bureau of Fisheries—		
Administration: For expenses of the office of the commissioner, including stationery, scientific and reference books, periodicals and newspapers for library, furniture and equipment, telegraph and telephone service, street-car fares not exceeding $150, compensation of temporary employees, and all other necessary expenses connected therewith (*U. S. C., p. 60, secs. 591–597; p. 438, secs. 741–751; act Feb. 24, 1927, vol. 44, p. 1215*)	$4,400.00	$4,100.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
02	Stationery and office supplies	$200.00	$200.00	$112.34
05	Telegraph service	545.00	545.00	398.11
06	Travel expenses	2,550.00	2,550.00	2,545.26
07	Transportation of things	5.00	5.00	2.56
08	Photographic and duplicating work	100.00	100.00	63.88
12	Repairs to equipment	100.00	100.00	55.70
	Equipment:			
3010	Furniture	300.00	300.00	226.51
3017	Office devices	500.00	500.00	390.50
3021	Library stock	100.00	100.00	93.60
30	Total equipment	900.00	900.00	710.61
	Total	4,400.00	4,400.00	3,888.46

Propagation of food fishes: For maintenance, repair, alteration, improvement, equipment, and operation of fish-cultural stations, *including not to exceed $4,000 for the construction of trout nursery ponds at Mammoth Springs in Yellowstone National Park*, general propagation of food fishes and their distribution, including movement, maintenance, and repairs of cars, purchase of equipment (including rubber boots and oilskins) and apparatus, contingent expenses, temporary labor, and not to exceed $10,000 for propagation and distribution of fresh-water mussels and the necessary expenses connected therewith (*U. S. C., p. 60, secs. 591–597; p. 438, secs. 741–751; act Feb. 24, 1927, vol. 44, p. 1215*) 500,000.00 487,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Field service:			
	Number of temporary employees	550	550	532
01	Total salaries and wages, field service	$140,000.00	$140,000.00	$119,799.24
	Supplies and materials:			
0200	Stationery and office supplies	$1,300.00	$1,300.00	$1,028.35
0230	Fuel	25,000.00	25,000.00	24,954.24
0240	Rubber boots and oilskins	2,500.00	2,500.00	2,358.67
0250	Forage, etc	1,000.00	1,000.00	964.35
0260	Provisions	9,000.00	9,000.00	8,802.05
0270	Explosives	300.00	300.00	256.45
0280	Sundry supplies	24,000.00	24,000.00	22,803.67
0290	Sundry materials	1,250.00	1,250.00	1,033.12
02	Total supplies and materials	64,350.00	64,350.00	62,200.90
04	Subsistence and care of animals, storage of vehicles	300.00	300.00	323.50
	Communication service.			
0500	Telegraph service	1,000.00	1,000.00	866.97
0510	Telephone service	3,200.00	3,200.00	3,285.76
0520	Other communication service	100.00	100.00	95.20
05	Total communication service	4,300.00	4,300.00	4,247.93
06	Travel expense	75,000.00	72,000.00	71,572.77
07	Transportation of things	10,000.00	10,000.00	10,322.14
08	Photographic service	750.00	750.00	587.20
10	Furnishing heat, light, and power	8,000.00	8,000.00	7,678.50
11	Rents	9,000.00	9,000.00	8,442.00
12	Repairs and alterations	75,000.00	72,000.00	55,283.86
13	Special and miscellaneous current expenses	1,300.00	1,300.00	1,220.85
	Equipment:			
3010	Furniture, furnishings, fixtures	3,000.00	3,000.00	2,955.33
3040	Livestock, fish and fish eggs	45,000.00	40,000.00	33,437.43
3050	Other equipment	64,000.00	62,000.00	30,928.35
30	Total equipment	112,000.00	105,000.00	67,321.11
	Total	500,000.00	487,000.00	409,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Miscellaneous Expenses, Bureau of Fisheries—Continued.		
[The appropriation of $30,000 for the fiscal year 1927 for a fish-cultural station as an auxiliary to the station at Leadville, Colorado, is continued available for such purposes during the fiscal year 1928.		
That portion of the appropriation "Miscellaneous expenses, Bureau of Fisheries, 1927," which was made available for a fish-cultural station at Lake Worth, Texas, shall continue available for such purpose during the fiscal year 1928.		
The appropriation of $30,000 for the fiscal year 1927 for a fish-cultural station as an auxiliary to the Warm Springs, Georgia, station shall continue available for such purposes during the fiscal year 1928.]		
Fish-Cultural Stations:		
[For the establishment of a fish-cultural station in the State of Nebraska at a point to be selected by the Secretary of Commerce for the propagation of food fishes indigenous to that region as a necessary auxiliary to the fish-cultural station at Spearfish, South Dakota, including the acquisition of land by gift, construction of buildings and ponds, water supply, improvements to grounds, and the purchase of equipment, $35,000: *Provided*, That such station may be established on Government-owned land with the consent of the head of the department which has jurisdiction over such land.		
For the establishment of a fish-cultural station in the State of Oklahoma at a point to be selected by the Secretary of Commerce for the propagation of food fishes indigenous to that region as a necessary auxiliary to the fish-cultural station at Neosho, Missouri, including the acquisition of land by gift and/or purchase, construction of buildings and ponds, water supply, improvements to grounds, and the purchase of equipment, $35,000: *Provided*, That not more than $5,000 shall be expended for the purchase of land] (*act Feb. 24, 1927, vol. 44, p. 1225*)		$70,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
05 Communication service		$175.00	
06 Travel expenses		2,000.00	
07 Transportation of things (service)		2,400.00	
30 Equipment		4,725.00	
31 Land		10,000.00	
32 Structures		50,700.00	
Total		70,000.00	

Saratoga, Wyo., Fisheries Station and Substations:
Fish hatchery, Wyoming: For construction, repair, and improvements to buildings, ponds, and water supply at the Saratoga, Wyoming, fish-cultural station and its collecting stations and for the purchase of equipment (submitted) — $18,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
01 Temporary labor	$2,000		
12 Alterations and improvements (materials)	3,500		
30 Equipment	3,000		
32 Buildings, construction	9,500		
Total	18,000		

Fish hatchery, Northville, Michigan: For construction, repairs, and improvements to buildings, ponds, grounds, and water supply at the Northville (Michigan) fish-cultural station and its substations, the purchase of equipment, including boats, and for the acquisition of land (submitted) — 25,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
01 Temporary labor	$3,000		
12 Alterations and improvements (materials)	5,500		
30 Equipment	5,500		
32 Buildings, construction	11,000		
Total	25,000		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Miscellaneous Expenses, Bureau of Fisheries—Continued.		
Transfer of Bryans Point Station: For the transfer of the fish-cultural station at Bryans Point, Maryland, now on leased property, to land at Fort Humphreys, owned by the Government, and the establishment of a fish-cultural station at that point (submitted)	$8,000.00	

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
01	Temporary labor	$3,000		
12	Alterations and improvements (materials)	2,000		
30	Equipment	1,000		
32	Buildings, construction	2,000		
		8,000		

Biological Station, Beaufort, North Carolina: For construction, repair, alteration, and improvements to buildings, wharves, grounds, and water supply and for equipment at the Beaufort, North Carolina, biological station (submitted) — 20,000.00

32 Structures, repairs and improvements: Expenditure, 1929, $20,000.

Maintenance of vessels: For maintenance of vessels and launches, including purchase and repair of boats, apparatus, machinery, and other facilities required for use with the same, hire of vessels, and all other necessary expenses in connection therewith, and money accruing from commutation of rations and provisions on board vessels may be paid on proper vouchers to the persons having charge of the mess of such vessels, [$146,000] *$152,500* and $10,000 shall be immediately available for the procurement of supplies and equipment required for shipment to the Pribilof Islands for the service of the fiscal year [1928] *1929* (*U. S. C., p. 60, secs. 591–597; p. 438, secs. 741–751; act Feb. 24, 1927, vol. 44, p. 1215*) — 152,500.00 — $146,000.00

Commutation of rations (not to exceed $1 per day) may be paid to officers and crews of vessels of the Bureau of Fisheries during the fiscal year [1928] *1929* under regulations prescribed by the Secretary of Commerce.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Field service:			
	Number of temporary employees	12	12	10
01	Total personal services	$3,000.00	$3,000.00	$2,745.72
	Supplies and materials:			
0200	Stationery and office supplies	550.00	500.00	397.76
0230	Fuel	34,500.00	32,500.00	22,805.16
0260	Provisions	4,000.00	4,000.00	3,900.28
0280	Sundry supplies	9,000.00	8,100.00	6,229.56
0290	Materials	4,050.00	3,800.00	2,964.29
02	Total supplies and materials	52,100.00	48,900.00	36,297.05
03	Commutation in lieu of subsistence	20,300.00	17,000.00	14,925.16
05	Telegraphing	15.00	15.00	3.38
06	Travel expense	350.00	350.00	341.86
	Transportation of things (service):			
0700	Freight and express	545.00	545.00	541.12
0740	Hire of vessels and boats	5,000.00	5,000.00	2,847.50
0750	Wharfage, dockage, and tolls	790.00	790.00	742.75
07	Total transportation of things (service)	6,335.00	6,335.00	4,131.37
10	Furnishing of water and light (service)	500.00	500.00	301.61
12	Repairs and alterations	30,000.00	30,000.00	20,988.22
13	Laundry and miscellaneous current expenses	1,365.00	1,200.00	1,026.45
	Equipment:			
3010	Furniture, bedding, mess gear, awnings	5,500.00	5,500.00	3,035.81
3050	Floating equipment, engines, machinery, boats	33,035.00	33,200.00	33,302.92
30	Total equipment	38,535.00	38,700.00	36,338.73
	Total	152,500.00	146,000.00	117,099.55

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Miscellaneous Expenses, Bureau of Fisheries—Continued.		
Inquiry respecting food fishes: For inquiry into the causes of the decrease of food fishes in the waters of the United States, and for investigation and experiments in respect to the aquatic animals, plants, and waters, in the interests of fish culture and the fishery industries, including maintenance, repair, improvement, equipment, and operations of biological stations, expenses of travel and preparation of reports (*U. S. C., p. 60, secs. 591–597; p. 438, secs. 741–751; act Feb. 24, 1927, vol. 44, p. 1215*)	$83,000.00	$77,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Field service:			
	Number of temporary employees	40	38	36
01	Total personal services, field service	$28,000.00	$25,000.00	$19,276.01
	Supplies and materials:			
0200	Stationery and office supplies	750.00	750.00	404.90
0220	Scientific apparatus and supplies	5,000.00	5,000.00	2,993.80
0230	Fuel	1,500.00	1,500.00	1,200.10
0250	Forage for animals	50.00	50.00	46.20
0280	Sundry supplies	1,650.00	1,600.00	1,332.49
02	Total supplies and materials	8,950.00	8,900.00	5,977.49
05	Communication service (telephone)	150.00	150.00	85.72
06	Travel expenses	23,000.00	20,000.00	17,850.48
07	Transportation of things (service)	1,500.00	1,500.00	1,118.62
10	Furnishing heat, light, and power	800.00	800.00	659.08
11	Rents	100.00	100.00	81.80
12	Repairs and alterations	4,300.00	4,250.00	2,385.05
13	Special and miscellaneous current expenses	750.00	750.00	491.98
	Equipment:			
3010	Furniture, etc	250.00	400.00	49.40
3017	Office machines and devices	500.00	500.00	192.50
3022	Scientific equipment	8,300.00	8,250.00	4,504.94
3050	Other equipment	4,000.00	4,000.00	2,850.79
3051	Lighting equipment	300.00	300.00	226.55
3052	Transportation equipment	2,000.00	2,000.00	1,508.77
30	Total equipment	15,350.00	15,450.00	9,332.95
32	Structures, buildings, etc., improvements	100.00	100.00	11.25
	Total	83,000.00	77,000.00	57,270.43

Fishery industries: For collection and compilation of statistics of the fisheries and the study of their methods and relations, and the methods of preservation and utilization of fishery products, including compensation of temporary employees, travel and preparation of reports, including temporary employees in the District of Columbia not to exceed $1,800, and all other necessary expenses in connection therewith, *including the purchase, not exceeding $1,250, and maintenance, repair, and operation of motor-propelled passenger-carrying vehicles necessary in the conduct of the field work of the Bureau of Fisheries,* [$25,000] *$55,000, of which $5,000 shall be immediately available* (*U. S. C., p. 60, secs. 591–597; p. 438, secs. 741–751; act Feb. 24, 1927, vol. 44, p. 1216*) — 55,000.00 — 25,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Field service:			
	Number of employees	30	21	20
01	Total personal services	$23,000.00	$8,500.00	$8,549.53
	Supplies and materials:			
0200	Stationery and office supplies	500.00	400.00	391.72
0220	Scientific supplies	6,000.00	1,000.00	660.40
02	Total supplies and materials	6,500.00	1,400.00	1,052.12
05	Communication service	200.00	100.00	72.96
06	Travel expense	16,500.00	12,500.00	12,465.12
07	Transportation of things (service)	400.00	200.00	204.61
10	Furnishing of heat, light, and power	100.00	50.00	16.00
11	Rents	800.00	450.00	219.00
	Equipment:			
3010	Furniture, furnishings, and fixtures	1,000.00	650.00	599.67
3017	Scientific equipment	6,500.00	1,150.00	1,225.90
30	Total equipment	7,500.00	1,800.00	1,825.57
	Total	55,000.00	25,000.00	24,404.91

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Miscellaneous Expenses, Bureau of Fisheries—Continued.		
Sponge fisheries: For protecting the sponge fisheries, including employment of inspectors, watchmen, and temporary assistants, hire of boats, rental of office and storage, care of seized sponges and other property, travel, and all other expenses necessary to carry out the provisions of the act of August 15, 1914, to regulate the sponge fisheries (*U. S. C., p. 440, secs. 781–785; act Feb. 24, 1927, vol. 44, p. 1216*)	$2,500.00	$2,500.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Field service:			
	Number of employees	1	1	1
01	Total personal service	$2,400	$2,400	$2,400
07	Transportation of things (service)	100	100	
	Total	2,500	2,500	2,400

Protecting Seal and Salmon Fisheries of Alaska—

Alaska, general service: For protecting the seal fisheries of Alaska, including the furnishing of food, fuel, clothing, and other necessities of life to the natives of the Pribilof Islands, of Alaska; not exceeding $40,000 for construction, improvement, repair, and alteration of buildings and roads; transportation of supplies to and from the islands, expenses of travel of agents and other employees and subsistence while on said islands, hire and maintenance of vessels, purchase of sea otters, and for all expenses necessary to carry out the provisions of the act entitled "An act to protect the seal fisheries of Alaska, and for other purposes," approved April 21, 1910, and for the protection of the fisheries of Alaska, including *contract stenographic reporting service*, travel, subsistence (or per diem in lieu of subsistence) of employees while on duty in Alaska, hire of boats, employment of temporary labor, and all other necessary expenses connected therewith [$332,000] *$360,000*, of which $100,000 shall be immediately available (*U. S. C., p, 60, secs. 591, 597; p. 431, secs. 631–658; p. 438, secs. 741–751; p. 1012, sec, 583, par. 18; p. 1578, secs. 230–242; act Feb. 24, 1927, vol. 44, p. 1216*) — 360,000.00 — 332,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Field service:			
	Number of employees	265	252	231
	Total salaries and wages	$142,360.00	$134,770.00	$114,078.43
	Deduct expenditures for personal services included in objects named below	19,860.00	19,860.00	17,000.00
01	Total personal services	122,500.00	114,910.00	97,078.43
	Supplies and materials:			
0200	Stationery and office supplies	950.00	950.00	949.23
0210	Medical and hospital supplies	1,000.00	1,000.00	995.38
0220	Scientific and educational supplies	720.00	720.00	518.06
0230	Fuel	25,650.00	25,650.00	22,572.05
0240	Wearing apparel and sewing supplies	11,780.00	11,780.00	10,414.29
0250	Forage and other supplies for animals	1,550.00	1,550.00	1,511.35
0260	Provisions	36,375.00	36,375.00	39,193.25
0270	Powder, etc	1,620.00	1,620.00	1,756.78
0280	Sundry supplies	5,600.00	5,600.00	5,255.48
0290	Materials	4,675.00	4,675.00	4,711.93
02	Total supplies and materials	89,920.00	89,920.00	87,877.80
	Communication service:			
0500	Telegraph service	250.00	250.00	258.26
0510	Telephone service	300.00	300.00	241.14
05	Total communication service	550.00	550.00	499.40
06	Travel expenses	54,400.00	54,400.00	50,520.75
07	Transportation of things	5,400.00	5,625.00	5,593.91
08	Photographing, etc	50.00	50.00	10.12
09	Advertising, etc	15.00	15.00	11.62
10	Furnishing of heat, light, power, etc. (service)	90.00	90.00	82.54
	Rents:			
1100	Rent of buildings and structures	6,460.00	6,460.00	6,407.50
1110	Other rents	255.00	255.00	250.00
11	Total rents	6,715.00	6,715.00	6,657.50
12	Repairs and alterations	2,200.00	2,200.00	1,927.16
13	Special and miscellaneous current expenses	4,000.00	4,000.00	4,032.75
	Equipment:			
3010	Furniture, furnishings, and fixtures	5,800.00	5,800.00	6,158.26
3020	Educational, scientific, and recreational equipment	600.00	600.00	530.58
3040	Livestock (other than that purchased for laughter and zoological-garden stock)	350.00		336.00
3050	Other equipment	34,310.00	14,025.00	14,545.22
30	Total equipment	41,060.00	20,425.00	21,570.06
32	Structures, etc	33,100.00	33,100.00	28,979.23
	Total	360,000.00	332,000.00	304,841.27

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Upper Mississippi River Fish Refuge—		
Mississippi wild life and fish refuge: For construction of buildings, *boats* and ponds, for *purchase of* equipment, *including boats, for* maintenance, operation, repair, and improvements, including expenditures for personal services at the seat of government and elsewhere as may be necessary, as authorized in the act approved June 7, 1924 (*U. S. C., p. 60, secs. 591, 597; p. 437, secs. 721–731; p. 438, secs. 741–751; act Feb. 24, 1927, vol. 44, p. 1216*)	$25,000.00	$25,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Communication service:			
0580 Telegraph service	$50.00	$50.00	
0510 Telephone service	50.00	50.00	
05 Total for communication service	100.00	100.00	
06 Travel expenses	1,500.00	1,500.00	
07 Transportation of things (service)	1,500.00	1,500.00	$165.12
30 Equipment	4,900.00	4,900.00	
32 Structures	17,000.00	17,000.00	
Total	25,000.00	25,000.00	165.12

Power Vessel for Alaska Fisheries—		
[Power vessel for Alaska fisheries: For the purchase or construction of a vessel of sufficient size and power to patrol offshore waters for the enforcement of the laws and regulations for the protection of the fisheries of Alaska,] (*act Feb. 24, 1927, vol. 44, p. 1216*)		60,000.00
30 Expenditures, 1928, $60,000.		
Total, Bureau of Fisheries	1,999,748.00	1,948,568.00

PATENT OFFICE

Salaries, Patent Office—		
For the Commissioner of Patents and other personal services in the District of Columbia in acordance with the classification act of 1923, [$2,519,060] *$2,600,000*: *Provided*, That of the amount herein appropriated not to exceed $25,000 may be used for special and temporary services of typists certified by the Civil Service Commission, who may be employed in such numbers, at $4 per diem, as may, in the judgment of the Commissioner of Patents, be necessary to keep current the work of furnishing manuscript copies of records (*U. S. C., p. 1165, secs. 1–20; p. 61, sec. 602; act Feb. 24, 1927, vol. 44, p. 1216*)	2,600,000.00	2,519,060.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average*—		*Average*—		*Average*—	
Grade 7, $7,500—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Special scientist-attorney	1	$7,590	1	$7,500	1	$7,166
Grade 6, $6,000 to $7,500; average, $6,750—						
Chief scientist-attorney	2	6,250	2	6,250	2	5,816
Grade 5, $5,200 to $6,000; average, $5,600—						
Senior scientist-attorney	7	5,285	7	5,285	7	5,142
Grade 4, $3,800 to $5,000; average, $4,400—						
Scientist-attorney	7	4,542	7	4,542	6	4,333
Attorney-patent examiner	1	4,400	1	4,400	1	4,000
Patent examiner	58	4,136	55	4,167	54	3,960
Trade-mark examiner	1	3,800	1	3,800	1	3,800
Librarian	1	3,800	1	3,800	1	3,800
Grade 3, $3,000 to $3,600; avearge, $3,300—						
Associate patent examiner	136	3,200	127	3,289	127	3,289
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant patent examiner	164	2,600	142	2,644	140	2,647
Grade 1, $1,860 to $2,400; average, $2,111—						
Junior patent examiner	233	1,997	225	2,032	200	2,054
Junior librarian	2	2,000	2	1,920	1	1,920
Clerical, administrative, and fiscal service—						
Grade 9, $3,060 to $3,600; average, $3,300—						
Senior administrative assistant	2	3,300	2	3,300	2	3,200
Grade 8, $2,700 to $3,300; average, $3,000—						
Administrative assistant	4	3,000	4	3,000	5	2,815
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant	5	2,700	5	2,700	5	2,700
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal translator	1	2,700	1	2,700	1	2,700
Principal clerk	10	2,340	10	2,320	10	2,320

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries, Patent Office—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service—Continued.						
Salaries—Continued.						
Clerical, administrative, and fiscal service—Con.	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 5, $1,860 to $2,400; average, $2,111—						
Senior translator	1	$2,300	1	$2,300	1	$2,300
Senior clerk	16	2,079	16	2,079	15	2,081
Senior clerk-stenographer	3	2,167	3	2,167	3	2,167
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	82	1,729	79	1,771	78	1,755
Clerk-stenographer	12	1,853	12	1,853	12	1,853
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	42	1,631	42	1,631	44	1,609
Senior stenographer	62	1,570	62	1,570	56	1,567
Assistant clerk-stenographer	5	1,644	5	1,644	6	1,385
Senior operator, office devices	3	1,620	3	1,620	3	1,345
Head typist	1	1,680	1	1,680	1	1,680
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	72	1,458	72	1,458	74	1,462
Senior typist	24	1,392	24	1,392	22	1,396
Junior stenographer	12	1,355	12	1,355	12	1,355
Junior clerk-typist	16	1,410	16	1,410	16	1,402
Junior clerk-stenographer	1	1,500	1	1,500	2	1,590
Junior operator, office devices	13	1,375	13	1,375	5	1,404
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	105	1,294	105	1,294	101	1,297
Underoperator, office devices	1	1,320	1	1,320	6	1,290
Custodial service—						
Grade 7, $1,680 to $2,040; average, $1,860—						
Senior mechanic	1	1,740	1	1,740	1	1,740
Grade 6, $1,500 to $1,860; average, $1,680—						
Mechanic	4	1,590	4	1,590	4	1,575
Grade 4, $1,140 to $1,500; average, $1,320—						
Head messenger	1	1,320	1	1,320	1	1,320
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger	91	1,080	90	1,087	82	1,093
Grade 2, $900 to $1,140; average, $1,020—						
Assistant messenger	25	914	25	914	25	918
Subprofessional service—						
Grade 8, $2,400 to $3,000; average, $2,700—						
Chief engineering draftsman	1	3,000	1	3,000	1	2,900
Grade 7, $2,100 to $2,700; average, $2,400—						
Principal engineering draftsman	1	2,400	1	2,400	1	2,300
Grade 6, $1,860 to $2,400; average, $2,130—						
Senior engineering draftsman	8	1,977	8	1,977	8	1,967
Grade 4, $1,500 to $1,860; average, $1,680—						
Junior library assistant	2	1,620	2	1,620	2	1,620
Nurse	1	1,560	1	1,560	1	1,560
Grade 3, $1,320 to $1,680; average, $1,500—						
Underlibrary assistant	1	1,500	1	1,500	2	1,290
Total average number of employees	1,242		1,196		1,150	
01 Total salaries, departmental service		2,600,000		2,519,060		2,417,727
The difference between 1929 and 1928 is due to increase in force, $80,940.						
Unobligated balance						773
Total		2,600,000		2,519,060		2,418,500

Scientific Library, Patent Office—

For purchase of law, professional, and other reference books and publications and scientific books, including their exchange, and expenses of transporting publications of patents issued by the Patent Office to foreign governments, and directories, $8,000 (*U. S. C., p. 1165, sec. 10; p. 61, sec. 602; act Feb. 24, 1927, vol. 44, p. 1216*) $8,000.00 $8,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
3021 Library stock	$6,500.00	$6,500.00	$6,500.00
07 Transportation of things	2,500.00	2,500.00	2,500.00
Total	8,000.00	8,000.00	8,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Photolithographing, Patent Office— For producing copies of weekly issue of drawings of patents and designs; reproduction of copies of drawings and specifications of exhausted patents, designs, trade-marks, and other papers, such other papers when reproduced for sale to be sold at not less than cost plus 10 per centum; reproduction of foreign patent drawings; photoprints of pending application drawings; and photostat and photographic supplies and dry mounts, $230,000. The headings of the drawings for patented cases may be multigraphed in the Patent Office for the purpose of photolithography (*U. S. C., p. 1165, secs. 1–20; p. 61, sec. 602; act Feb. 24, 1927, vol. 44, p. 1216*)	$230,000.00	$230,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
0810	Photolithographing	$192,000	$192,000	$192,000
0830	Photographic printing	18,000	18,000	18,000
0204	Photo supplies	20,000	20,000	20,000
	Total	230,000	230,000	230,000

Public Use of Inventions and Defending Suits, Patent Office— For investigating the question of public use or sale of inventions for two years or more prior to filing applications for patents, and such other questions arising in connection with applications for patents and the prior art as may be deemed necessary by the Commissioner of Patents, and expense attending defense of suits instituted against the Commissioner of Patents (*U. S. C., p. 1165, secs. 1–20; p. 61, sec. 602; act Feb. 24, 1927, vol. 44, p. 1217*)	800.00	800.00
0601 Travel expenses: Expenditures—1929, $800; 1928, $800; 1927, $800.		
Furniture and Filing Cases, Patent Office— For furniture and filing cases (*U. S. C., p. 1165, secs. 1–20; p. 61, sec. 602; act Feb. 24, 1927, vol. 44, p, 1217*)	65,000.00	65,000.00
3010 Furniture, furnishings, and fixtures: Expenditures—1929, $65,000; 1928, $65,000; 1927, $20,000.		
Total, Patent Office	2,903,800.00	2,822,860.00

BUREAU OF MINES

General Expenses, Bureau of Mines— Salaries and general expenses: For general expenses, including pay of the director and necessary assistants, clerks, and other employees, in the office in the District of Columbia, and in the field, and every other expense requisite for and incident to the general work of the bureau in the District of Columbia and in the field, including not to exceed [$2,000] *$3,000* for necessary traveling expenses of the director and employees of the bureau, acting under his direction, for attendance upon meetings of technical, professional, and scientific societies, when required in connection with the authorized work of the Bureau of Mines, to be expended under the direction of the Secretary of Commerce, $86,000, of which amount not to exceed $78,000 may be expended for personal services in the District of Columbia (*U. S. C., p. 61, sec. 602; p. 953, secs. 1–11; act Feb. 24, 1927, vol. 44, p. 1217*)	86,000.00	86,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 7, $7,500—						
Director	1	$7,500	1	$7,500	1	$7,250
Grade 5, $5,200 to $6,000; average, $5,600—						
Assistant to the director	1	5,800	1	5,600	0.8	5,275
Senior economic analyst					0.2	5,800
Grade 4, $3,800 to $5,000; average, $4,400—						
Mining engineer					1	4,800
Grade 3, $3,000 to $3,600; average, $3,300—						
Mechanical engineer					0.1	3,100
Grade 2, $2,400 to $3,000; average, $2,700—						
Mining engineer	1	2,800	1	2,600	1	2,600
Subprofessional service—						
Grade 6, $1,860 to $2,400; average, $2,100—						
Draftsman	1	1,920	1	1,920	1	1,920
Senior library assistant	1	1,860	1	1,860		
Grade 4, $1,800 to $1,860; average, $1,680—						
Junior library assistant	1	1,500	1	1,500		
Grade 3, $1,320 to $1,680; average, $1,500—						
Under library assistant					0.2	1,320

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

General Expenses, Bureau of Mines—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service—Continued.						
Salaries—Continued.						
Clerical, administrative, and fiscal service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 11, $3,800 to $5,000; average, $4,400—						
Administrative officer	1	$3,800	1	$3,800		
Grade 10, $3,300 to $3,900; average, $3,600—						
Editor	1	3,500	1	3,500	1	$3,500
Grade 9, $3,000 to $3,600; average, $3,300—						
Chief clerk	1	3,400	1	3,400	1	3,300
Senior administrative assistant	1	3,000	1	3,000	1	3,000
Grade 7, $2,400 to $3,000; average, $2,700—						
Private secretary	1	2,400	1	2,400		
Assistant editor	1	2,400	1	2,400	0.2	2,400
Junior administrative assistant	1	2,500				
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk			1	2,500	1	2,500
Principal clerk	1	2,300	1	2,200	1	2,200
Grade 5, $1,860 to $2,400; average, $2,100—						
Clerk-auditor					0.1	2,400
Clerk-auditor	1	2,300	1	2,200		
Senior clerk					0.9	2,000
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	1	2,040	1	2,040		
Clerk	1	1,980	1	1,980	1	1,920
Clerk					0.9	1,860
Clerk	2	1,800	1	1,800	1	1,800
Clerk	4	1,740	3	1,740	2	1,740
Clerk			2	1,680	2.2	1,680
Grade 3, $1,500 to $1,860; average, $1,680—						
Clerk	1	1,680	1	1,680	0.2	1,680
Assistant clerk	1	1,620	1	1,620	1.3	1,620
Assistant clerk	2	1,560	1	1,560	1.7	1,560
Assistant clerk					0.5	1,500
Grade 2, $1,320 to $1,680; average, $1,500—						
Clerk					1	1,620
Junior clerk			1	1,500	0.9	1,500
Junior clerk					2	1,440
Junior clerk	2	1,380	2	1,380	1.8	1,380
Junior clerk	1	1,320	1	1,320	1	1,320
Grade 1, $1,140 to $1,500; average, $1,320—						
Underoperator					0.1	1,380
Underclerk	1	1,380	1	1,380	1	1,380
Underclerk	1	1,320	1	1,320	1	1,320
Underoperator					1.5	1,160
Custodial service—						
Grade 3, $1,020 to $1,260; average, $1,140—						
Laborer	2	1,140	2	1,140	2	1,140
Grade 2, $900 to $1,140; average, $1,020—						
Assistant messenger	1	900	1	900	0.4	900
Grade 1, $600 to $780; average, $690—						
Junior messenger					0.1	630
Junior messenger					1.5	600
Total average number of employees	35		35		36.6	
01 Total salaries, departmental service		77,940		77,100		75,793
The difference between 1929 and 1928 is due to increase in salaries, $840.						
05 Communication service		3,500.00		3,500.00		3,575.38
06 Travel expense		4,000.00		4,000.00		3,953.84
07 Transportation of things		200.00		200.00		215.39
12 Repairs and alterations						184.00
13 Special and miscellaneous current expenses		100.00				187.81
Equipment:						
3010 Furniture, furnishings, and fixtures						484.65
3020 Educational, scientific, and recreational equipment						15.00
30 Total equipment		260.00		300.00		499.65
Unobligated balance				85,100.00		84,409.07
Reserve				900.00		270.93
Total		86,000.00		86,000.00		84,680.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Investigating Mine Accidents—		
Investigating mine accidents: For investigations as to the causes of mine explosions, causes of falls of roof and coal, methods of mining, especially in relation to the safety of miners, the appliances best adapted to prevent accidents, the possible improvement of conditions under which mining operations are carried on, the use of explosives and electricity, the prevention of accidents, and other inquiries and technologic investigations pertinent to the mining industry, including all equipment, supplies, and expenses of travel and subsistence, *purchase, not exceeding $1,500, exchange as part payment for, operation, maintenance, and repair of motor-propelled passenger-carrying vehicles,* [$386,470] *$399,470,* of which amount not to exceed $50,000 may be expended for personal services in the District of Columbia (*U. S. C., p. 61, sec. 602; p. 953, secs. 1–11; act Feb. 24, 1927, vol. 44, p. 1217*)	$399,470.00	$386,470.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
Grade 5, $5,200 to $6,000; average, $5,600—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Chief mining engineer	1	$5,600	1	$5,600	1	$5,600
Chief explosives chemist	1	5,200	1	5,200	1	5,200
Chief engineer	1	5,200	1	5,200	0.5	5,200
Senior economic analyst					0.1	5,800
Grade 4, $3,800 to $5,000; average, $4,400—						
Mining engineer	1	4,400	1	4,400	1	4,400
Mechanical engineer	1	4,000	1	3,800	0.2	3,800
Explosives engineer					0.3	4,000
Grade 3, $3,000 to $3,600; average, $3,300—						
Assistant to chief mechanical engineer					0.8	3,600
Clerk					0.3	3,300
Clerical, administrative, and fiscal service—						
Grade 11, $3,800 to $5,000; average, $4,400—						
Safety engineer	1	4,000	1	3,800	1	3,800
Grade 9, $3,000 to $3,600; average, $3,300—						
Traffic manager					0.1	3,300
Mine accidents statistician					0.9	2,990
Grade 6, $2,100 to $2,700; average, $2,400—						
Auditor					0.3	2,700
Assistant traffic manager					0.5	2,400
Senior clerk	2	2,200	2	2,100	1	2,100
Grade 5, $1,860 to $2,400; average, $2,100—						
Senior clerk	1	2,300	1	2,200	0.2	2,200
Clerk-auditor					0.8	2,275
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	1	1,920	1	1,920	4	1,935
Clerk					0.4	1,860
Clerk					0.1	1,740
Grade 3, $1,500 to $1,860; average, $1,680—						
Clerk	2	1,680	1	1,680	1.3	1,680
Clerk-stenographer	1	1,620	2	1,620	1	1,620
Clerk					2.3	1,560
Clerk					0.5	1,500
Grade 2, $1,320 to $1,680; average, $1,500—						
Operative					0.3	1,500
Clerk	1	1,620	1	1,620		
Clerk	1.4	1,380	1.4	1,380	1.3	1,380
Clerk	1.4	1,320	1.4	1,320		
Junior operative					0.7	1,320
Mimeograph operator					0.2	1,260
Grade 1, $1,140 to $1,500; average, $1,320—						
Clerk					0.3	1,500
Operative	1	1,380	1	1,380	1.9	1,364
Underoperator	0.8	1,140	0.8	1,140		
Custodial service—						
Grade 1, $600 to $780; average, $690—						
Junior messenger					1.1	608
Total average number of employees	18.6		18.6		25.4	
Total salaries, departmental service		49,692		48,932		61,331
The difference between 1929 and 1928 is due to increases in salaries, $760.						
Field service:						
Salaries and wages—						
Salary range, $5,200 to $6,000; average, $5,600—						
Superintendent, experiment station	1	5,200	1	5,200	1	5,400
Mining engineer	1	5,200	1	5,200	0.8	5,200
Salary range, $3,800 to $5,000; average, $4,400—						
Coal-mining engineer					0.3	4,800
Mining engineer	0.5	4,800	0.5	4,800		
Physical chemist	1	4,800	1	4,800		
Physicist	0.3	4,800	0.3	4,800		
Mining engineer					1.2	4,450
Electrical engineer	1	4,400	1	4,400	1.8	4,400
Physical chemist	1	4,600	1	4,400	1	4,400
Physicist					0.3	4,200
Research chemist					1.1	4,455
Mining engineer	0.5	4,000	0.5	4,000		
Explosives engineer	2	4,000	2	4,000	1.8	4,000
Physicist	1	3,800	1	3,800		
Chemist	1	4,000	1	4,000	0.4	3,800
Coal-mining engineer					1	3,800
Acting assistant surgeon	1	4,000	1	3,800	0.4	3,800

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Investigating Mine Accidents—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average— No.	Salary	Average— No.	Salary	Average— No.	Salary
Field service—Continued.						
Salaries and wages—Continued.						
Salary range, $3,300 to $3,900; average, $3,600—						
Acting assistant surgeon	1	$3,700	1	$3,700	1	$3,600
Salary range, $3,000 to $3,600; average, $3,300—						
Associate mining engineer	0.5	3,600	0.5	3,600		
Associate chemist	1	3,500	1	3,500		
Associate physical organic chemist	1	3,500	1	3,500	1	3,400
Associate physicist	1	3,500	1	3,400	1	3,400
Associate chemist					2.1	3,452
Associate electrical engineer	1	3,300	1	3,300		
Associate research chemist	1	3,300	1	3,300	0.9	3,345
Associate mining engineer	1	3,100	1	3,100	1.8	3,322
Mechanical superintendent	0.5	3,100	0.5	3,100	0.5	3,100
Associate electrical engineer	2	3,100	2	3,100	2	3,175
Coal-mine superintendent	1	3,300	1	3,300	1	3,100
Explosives testing engineer	1	3,200	1	3,100	1	3,100
Acting assistant surgeon	1	3,100	1	3,100	3.2	3,140
Acting assistant surgeon	2	3,000	2	3,000		
Assistant to the superintendent	1	3,100	1	3,100	1	3,000
Associate electrical engineer					1	3,000
Associate geologist	1	3,100	1	3,000	0.5	3,000
Associate mining engineer	2	3,000	1	3,000	1.7	3,000
Associate chemical engineer	1	3,100	1	3,000	1	3,000
Associate pathologist	1	3,000	1	3,000		
Associate mining engineer	0.5	3,400	0.5	3,400		
Associate explosives physical chemist	1	3,000	1	3,000		
Salary range, $2,400 to $3,000; average, $2,700—						
Assistant geologist					0.5	2,900
Assistant mechanical engineer	1	3,000	1	2,900	1	2,900
Assistant chemist					0.8	2,900
Assistant mining engineer	1	2,800	1	2,800	1.1	2,700
Assistant explosives engineer	1	2,700	1	2,700	0.2	2,700
Assistant engineer	1	2,700	1	2,600	1	2,600
Assistant physical chemist	1	2,600	1	2,600	1	2,600
Principal clerk	1	2,600	1	2,500	0.1	2,500
Assistant electrical engineer	1	2,500	1	2,500	1	2,500
Assistant chemist	1	2,600	1	2,600	1.2	2,483
Assistant fuel chemist					0.5	2,500
Assistant chemist	1	2,400	1	2,400		
Salary range, $2,100 to $2,700; average, $2,400—						
Assistant pathologist					1	2,400
Assistant electrical engineer	4	2,400	3	2,400	3	2,400
Assistant chemist	2	2,400	2	2,400	0.7	2,400
Assistant physical chemist					0.3	2,400
Assistant explosives engineer	1	2,500	1	2,400	1.8	2,400
Technical assistant	1	2,300	1	2,300	1	2,200
Junior chemist					1	2,200
Salary range, $1,860 to $2,400; average, $2,100—						
Principal clerk					1	2,400
Foreman instrument maker	1	2,400	1	2,400	1	2,300
Instrument maker	1	2,200	1	2,200	1	2,100
Junior analytical chemist	1	2,100	1	2,100	0.3	2,100
Laboratory assistant	1	2,200	1	2,200	1	2,100
Glass blower and instrument maker	1	2,300	1	2,300		
Junior electrical engineer	1	2,100	1	2,100	2	1,960
Junior chemist	1	2,100	1	2,000	1.5	2,000
Junior physical chemist	1	2,200	1	2,200	0.7	1,970
Junior electrical engineer	1	1,920	1	1,920		
Salary range, $1,680 to $2,100; average, $1,860—						
Photographer	1	2,040	1	2,040	1	2,040
Senior clerk	2	1,980	2	1,980	2	1,950
Junior chemist	1	1,920	1	1,920		
Senior scientific aid	1	1,920	1	1,920	1	1,860
Carpenter	1	1,860	1	1,860	1.9	1,815
Instrument maker					0.1	1,860
Senior clerk	1	1,920	1	1,920	1	1,860
Junior chemist	1	1,860	1	1,860	1.5	1,860
Junior analytical chemist	1	1,920	1	1,920	0.7	1,860
Junior metallurgist	1	1,860	1	1,860	0.5	1,860
Junior instrument maker	1	1,800	1	1,800	1	1,800
Carpenter	1	1,800	1	1,800		
Assistant photographer	0.8	1,800	0.8	1,800	0.1	1,800
Mine electrician	1	1,860	1	1,800	0.9	1,800
Salary range, $1,500 to $1,860; average, $1,680—						
Illustrating draftsman	1	1,800	1	1,800		
Carpenter	1	1,740	1	1,740	0.5	1,740
Foreman machine shop	1	1,740	1	1,740	0.5	1,740
Clerk	1	1,800	1	1,740	1	1,740
Clerk	1	1,800	1	1,800		
Carpenter	1	1,680	1	1,680	2	1,680
Foreman machine shop					0.5	1,680
Clerk					0.5	1,680
Draftsman	1	1,680	1	1,680	0.3	1,680
Illustrating draftsman					1	1,680
Laboratory helper	1	1,740	1	1,740	1	1,680
Carpenter					0.5	1,620
Assistant clerk	1	1,620	1	1,620	0.5	1,620
Salary range, $1,320 to $1,680; average, $1,500—						
Assistant clerk	3.5	1,560	3.5	1,560	2.4	1,560
Assistant scientific aid	1	1,620	1	1,620	1	1,560
Laboratory assistant	1	1,560	1	1,560	1	1,500
Computer	1	1,560	1	1,560	1	1,500

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Investigating Mine Accidents—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average—		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Field service—Continued.						
Salaries and wages—Continued.						
Salary range, $1,320 to $1,680; average, $1,500—Con.						
Junior clerk	6	$1,500	6	$1,500	7.2	$1,500
Plumber's helper					0.5	1,500
Junior photographer	1	1,500	1	1,500		
Assistant electrical engineer	1	1,560	1	1,500	1	1,500
Junior clerk					0.3	1,440
Junior photographer					2.2	1,388
Junior clerk	3	1,380	3	1,380	2	1,380
Library aid					1.2	1,320
Junior clerk	1	1,380	1	1,320	1.9	1,320
Junior photographer	1	1,320	1	1,320		
Salary range, $1,140 to $1,500; average, $1,320—						
Mechanical helper					0.4	1,320
Chauffeur	1	1,380	1	1,320	1	1,320
Junior electrical engineer aid					0.3	1,320
Junior clerk					1.7	1,320
Junior scientific aid	1	1,320	1	1,320	0.1	1,320
Salary range, $1,220 to $1,260; average, $1,140—						
Janitor	1	1,200	1	1,200	0.9	1,200
Junior laboratory aid					0.3	1,200
Underscientific helper	2	1,200	2	1,200	1	1,200
Laborer	2	1,200	2	1,200	2.5	1,140
Underscientific helper					1	1,140
Assistant coal sampler					0.1	1,140
Stenographer-typist	0.9	1,200	0.9	1,200		
Library assistant					0.7	1,140
Underclerk	2	1,140	2	1,140	0.9	1,140
Telephone operator	1	1,140	1	1,140		
Salary range, $780 to $1,020; average, $900—						
Film inspector					0.2	1,020
Messenger					0.5	1,020
Messenger					0.2	900
Mimeograph operator					0.2	900
Total average number of employees	113		111		110.2	
Total salaries, field service		268,570		261,570		256,710
Deduct allowance value of lodging		150		150		150
Cash payment, salaries and wages		268,420		261,420		256,560
Per diem laborers, etc		19,500		16,508		17,449
Total salaries and wages, field service		287,920		277,928		274,009
The difference between 1929 and 1928 is due to—						
Increase in force	$5,400					
Increase in salaries	1,600					
Total increase	7,000					
01 Total personal services		337,612		326,860		335,340
Supplies and materials:						
0200 Stationery and office supplies		2,105.00		1,105.00		2,162.49
0210 Medical and hospital supplies						906.09
0220 Scientific and educational supplies		3,500.00		3,500.00		3,274.95
0230 Fuel						325.38
0280 Sundry supplies		12,805.00		12,805.00		9,825.74
0290 Materials						2,463.47
02 Total supplies and materials		18,410.00		17,410.00		18,958.12
05 Communication service		400.00		400.00		360.34
06 Travel expenses		28,665.00		25,665.00		28,616.06
07 Transportation of things		1,483.00		1,335.00		1,500.90
08 Photographing and printing						845.49
10 Heat, light, power, water, and electricity		1,900.00		1,900.00		3,000.50
Rents:						
1100 Rent of buildings and structures						306.00
1110 Other rents, machine, etc						728.35
11 Total rents						1,034.35
12 Repairs and alterations						2,102.89
13 Special and miscellaneous, current expenses		700.00		700.00		860.63
Equipment:						
3010 Furniture, furnishings, and fixtures						2,992.65
3020 Educational, scientific, and recreational equipment		2,300.00		1,300.00		6,863.82
3050 Other equipment		8,000.00		7,000.00		782.08
30 Total equipment		10,300.00		8,300.00		10,638.55
				382,570.00		403,257.83
Reserve				3,900.00		
Unobligated balance						242.17
Total		399,470.00		386,470.00		403,500.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Mining Investigations in Alaska—		
Mining investigations in Alaska: For investigations and the dissemination of information with a view to improving conditions in the mining, quarrying, and metallurgical industries under the act of March 3, 1915, and to provide for the inspection of mines and the protection of the lives of miners in the Territory of Alaska, including personal services, equipment, supplies, and expenses of travel and subsistence (*U. S. C., p. 61, sec. 602; p. 953, secs. 1–11; act Feb. 24, 1927, vol. 44, p. 1217*)	$10,860.00	$10,860.00

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service—							
Salaries and wages—		*Average—*		*Average—*		*Average—*	
Salary range, $3,000 to $3,600; average, $3,300—		*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Analytical chemist and miner		1	$3,300	1	$3,300	1	$3,300
Salary range, $2,100 to $2,700; average, $2,400—							
Foreman miner		1	2,400	1	2,400	1	2,400
Coal sampler		1	2,200	1	2,200	1	2,200
Total average number of employees		3		3		3	
01 Total salaries and wages, field service			7,900		7,900		7,900
Supplies and materials:							
0210 Medical and hospital supplies							5.50
0220 Scientific and educational supplies							2.00
0230 Fuel							6.25
0280 Sundry supplies							184.01
0290 Materials							11.82
02 Total supplies and materials			200.00		200.00		209.58
06 Travel expense			2,060.00		1,960.00		2,471.05
07 Transportation of things							45.31
08 Photographing and printing							22.92
13 Special and miscellaneous, current expenses							72.40
30 Equipment			700.00		700.00		82.10
Reserve					100.00		
Total			10,860.00		10,860.00		10,803.36

	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Operating Mine Rescue Cars and Stations, Bureau of Mines—		
Operating mine rescue cars and stations: For the investigation and improvement of mine rescue and first-aid methods and appliances and the teaching of mine safety, rescue, and first-aid methods, including the exchange in part payment for operation, maintenance, and repair of mine rescue trucks, the construction of temporary structures and the repair, maintenance, and operation of mine rescue cars and Government-owned mine rescue stations and appurtenances thereto, including the purchase and equipment of one mine rescue car not to exceed $45,000, and including personal services, traveling expenses and subsistence, equipment, and supplies, including the purchase and exchange in part payment therefor of cooks' uniforms, goggles, gloves, and such other articles or equipment as may be necessary in the operation of mine rescue cars and stations, including not to exceed [$12,500] *$14,140* for personal services in the District of Columbia, [$327,630] *$342,630*: *Provided*, That of this amount not to exceed $500 may be expended for the purchase and bestowal of trophies in connection with mine rescue and first-aid contests (*U. S. C., p. 61, sec. 602; p. 953, secs. 1–11; act Feb. 24, 1927, vol. 44, p. 1217*)	342,630.00	327,630.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
Grade 5, $5,200 to $6,000; average, $5,600—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Chief engineer, safety service	1	$5,600	1	$5,400	0.4	$5,200
Grade 3, $3,000 to $3,600; average, $3,300—						
Law examiner					0.8	3,100
Clerical, administrative, and fiscal service—						
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	1	2,600	1	2,500		
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	1	1,680	1	1,680		
Grade 3, $1,500 to $1,860; average, $1,680—						
Clerk					0.5	1,680
Clerk					0.9	1,620
Grade 2, $1,320 to $1,680; average, $1,500—						
Assistant clerk					1.3	1,560
Junior clerk					1.3	1,320
Junior clerk	1	1,500	0.4	1,440		
Junior clerk	1	1,320	0.5	1,320		
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk					0.5	1,140
Underoperator	0.7	1,200	1	1,200		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

Operating Mine Rescue Cars and Stations, Bureau of Mines—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927		Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
	Average— *No.*	*Salary*	*Average—* *No.*	*Salary*	*Average—* *No.*	*Salary*		
Departmental service—Continued.								
Salaries—Continued.								
Custodial service—								
Grade 2, $900 to $1,140; average, $1,020—								
Assistant messenger					0.4	$900		
Grade 1, $600 to $780; average, $690—								
Junior messenger	1	$600	1	$600	0.3	600		
Total average number of employees	6.7		5.9		5.4			
Total salaries, departmental service		14,140		12,616		10,392		
The difference between 1929 and 1928 is due to—								
Increase in force	$1,164							
Increase in salaries	360							
Total increase	1,524							
Field service:								
Salaries and wages—								
Salary range, $3,800 to $5,000; average, $4,400—								
Mining engineer, safety division	0.5	4,800	0.5	4,800	0.5	4,800		
Mining engineer	1	4,600	1	4,600	0.9	4,400		
Supervising engineer	1	4,400	1	4,400	0.8	4,400		
Mining engineer					1	4,100		
Mining engineer	0.5	4,000	0.5	4,000				
District engineer	1	4,000	1	4,000	0.9	4,000		
Salary range, $3,300 to $3,900; average, $3,600—								
Mining engineer	0.5	3,600	0.5	3,600	0.5	3,600		
Mine-safety commissioner	1	3,600	1	3,600	1	3,600		
Resident engineer	0.5	3,400	0.5	3,400	0.5	3,400		
Salary range, $3,000 to $3,600; average, $3,300—								
Associate mine-safety engineer	1	3,400	1	3,400	0.9	3,400		
Mine-safety commissioner	1	3,300	1	3,300	1	3,300		
Associate mining engineer	1	3,100	1	3,100	0.8	3,000		
Associate mining engineer	4	3,000						
Salary range, $2,700 to $3,300; average, $3,000—								
Assistant mining engineer	4	3,000	4	3,000	1.8	3,000		
Assistant mining engineer					0.9	2,700		
Salary range, $2,400 to $3,000; average, $2,700—								
Principal clerk	1	2,500	1	2,500	0.9	2,500		
Senior foreman miner	1	2,400	1	2,400	1.2	2,400		
Foreman miner	2	2,400	2	2,400	1	2,400		
Mining engineer	1	2,400	1	2,400				
Salary range, $2,100 to $2,700; average, $2,400—								
Senior clerk	1	2,200	1	2,200	1	2,200		
Foreman miner	20	2,100	20	2,100	19.6	2,100		
Salary range, $1,860 to $2,400; average, $2,100—								
Instrument maker	1	1,920	1	1,920	1	1,920		
Salary range, $1,500 to $1,860; average, $1,680—								
First-aid miner	12	1,680	12	1,680	12.3	1,680		
Assistant clerk					2	1,560		
Copyist-draftsman	1	1,560	1	1,560	1	1,560		
Clerk	2	1,800	2	1,800	0.3	1,740		
Clerk	2	1,680	2	1,680	1.6	1,680		
Clerk	1	1,620	1	1,620				
Salary range, $1,320 to $1,680; average, $1,500—								
Junior clerk	2.5	1,560	2.5	1,560	1	1,500		
Assistant clerk	2	1,500	2	1,500	0.9	1,500		
Junior clerk	1	1,440	1	1,440	0.1	1,440		
Junior clerk	1	1,320	1	1,320	1.5	1,380		
Stenographer					0.1	1,320		
Mechanic's helper	1	1,320	1	1,320	1	1,320		
Salary range, $1,140 to $1,500; average, $1,320—								
Stenographer-typist	0.5	1,200	0.5	1,200	0.5	1,200		
Salary range, $1,020 to $1,260; average, $1,140—								
Cook	1	1,080	1	1,080	1	1,080		
Cook	9	1,020	9	1,020	9	1,020		
Salary range, $780 to $1,020; average, $900—								
Janitor	2	900	2	900	2	900		
Total average number of employees	82		78		70.5			
Total salaries, field services		170,460		158,460		141,810		
Deduct allowance for lodging		240		240		240		
Cash payment, salaries		170,220		158,220		141,570		
Per diem laborers, etc		1,560		1,560		1,822		
Total salaries and wages, field service		171,780		159,780		143,392		
The difference between 1929 and 1928 is due to increase in force, $12,000.								
01 Total personal services		185,920		172,396		153,924		
Supplies and materials:								
0200 Stationery and office supplies						284.01		
0210 Medical and hospital supplies						2,060.25		
0220 Scientific and educational supplies		4,500.00		4,000.00		1,855.41		
0230 Fuel		2,000.00		2,000.00		1,870.07		
0280 Sundry supplies		14,000.00		14,000.00		12,676.51		
0290 Materials						423.72		
02 Total supplies and materials		20,500.00		20,000.00		19,169.97		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Operating Mine Rescue Cars and Stations, Bureau of Mines—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
05	Communication service	$1,200.00	$1,200.00	$1,191.05
06	Travel expense	72,786.00	68,946.00	76,795.92
07	Transportation of things	2,180.00	2,180.00	2,371.72
08	Photographing and printing			263.33
10	Furnishing heat, light, power, water, electricity			197.07
11	Rents	1,000.00	1,000.00	1,811.93
12	Repairs and alterations	2,000.00	2,300.00	11,606.17
13	Special and miscellaneous, current expenses			235.63
	Equipment:			
3000	Passenger-carrying vehicles			895.51
3010	Furniture, furnishings, and fixtures			99.86
3020	Educational, scientific, and recreational equipment	4,436.00	4,000.00	4,477.34
3050	Other equipment	7,608.00	7,608.00	1,112.08
3055	Life-saving equipment	45,000.00	45,000.00	
30	Total equipment	57,044.00	56,608.00	6,584.79
			324,630.00	277,151.58
	Reserve		3,000.00	
	Unobligated balance			228.42
	Total	342,630.00	327,630.00	277,380.00

Testing Fuel, Bureau of Mines—

Testing fuel: To conduct inquiries and scientific and technologic investigations concerning the mining, preparation, treatment, and use of mineral fuels, and for investigation of mineral fuels belonging to or for the use of the United States, with a view to their most efficient utilization, to recommend to various departments such changes in selection and use of fuel as may result in greater economy, and upon request of the Director of the Bureau of the Budget, to investigate the fuel-burning equipment in use by or proposed for any of the departments, establishments, or institutions of the United States in the District of Columbia, [$154,000] *$158,500*, of which amount not to exceed [$28,000] *$32,000* may be expended for personal services in the District of Columbia (*U. S. C., p. 61, scc. 602; p. 953, secs. 1–11; act Feb. 24, 1927, vol. 44, p. 1218*) $158,500.00 $154,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—						
Grade 5, $5,200 to $6,000; average, $5,600—	*Average—*		*Average—*		*Average—*	
Chief mechanical engineer and chief, technologic branch	*No.* 1	*Salary* $6,000	*No.* 1	*Salary* $6,000	*No.* 1	*Salary* $5,920
Grade 4, $3,800 to $5,000; average, $4,400—						
Fuel engineer	1	4,400	1	4,200	1	4,000
Fuel engineer	1	3,800				
Grade 3, $3,000 to $3,600; average, $3,300—						
Engineer	1	3,100	1	3,100	1	3,100
Subprofessional service—						
Grade 8, $2,400 to $3,000; average, $2,700—						
Mechanical draftsman					0.5	2,600
Grade 5, $1,680 to $2,040; average, $1,860—						
Scientific aid	1	1,920	3	1,800	1	1,800
Scientific aid	2	1,800			1	1,740
Grade 3, $1,320 to $1,680; average, $1,500—						
Under library assistant					0.1	1,320
Clerical, administrative, and fiscal service—						
Grade 5, $1,860 to $2,400; average, $2,100—						
Senior clerk					0.3	2,200
Clerk-auditor			1	2,400		
Clerk-auditor	1	2,200	1	2,200		
Grade 3, $1,500 to $1,860; average, $1,680—						
Operative	1	1,680	1	1,680	0.5	1,680
Assistant clerk					0.9	1,680
Assistant clerk					2	1,620
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk					0.8	1,500
Junior clerk	1	1,320	0.4	1,320	0.1	1,320
Grade 1, $1,140 to $1,500; average, $1,320—						
Undercroperator					1	1,200
Underoperator	2	1,140	1.3	1,140	0.1	1,140

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Testing Fuel, Bureau of Mines—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average— *No.*	*Salary*	*Average—* *No.*	*Salary*	*Average—* *No.*	*Salary*
Departmental service—Continued.						
Salaries—Continued.						
Custodial service—						
Grade 2, $900 to $1,140; average, $1,020—						
Assistant messenger					1	$900
Grade 1, $600 to $780; average, $690—						
Laborer	1	$780				
Junior messenger	1	630	1	$630		
Total average number of employees	14		11.7		12.3	
Total salaries, departmental service		31,710		27,620		27,790
Difference between 1929 and 1928 is due to—						
Increase in force	$3,770					
Increase in salaries	320					
Total increase	4,090					
Field service:						
Salaries and wages—						
Salary range, $3,800 to $5,000; average, $4,400—						
Organic chemist	1	4,400	1	4,400	0.5	4,400
Research chemist	1	4,200	1	4,200	0.5	4,200
Fuel engineer	1	4,200	1	4,200	0.9	4,110
Chemist	1	4,200	1	4,000	1	4,000
Heat transmission engineer	1	4,000	1	4,000	1	4,000
Salary range, $3,300 to $3,900; average, $3,600—						
Associate chemist	1	3,600	1	3,600	1	3,500
Salary range, $3,000 to $3,600; average, $3,300—						
Associate chemist					1	3,250
Associate fuel engineer	1	3,100	1	3,100	1	3,100
Salary range, $2,700 to $3,300; average, $3,000—						
Assistant chemist	1	2,800	1	2,800	1	2,700
Assistant physicist	1	3,100	1	3,100		
Salary range, $2,400 to $3,000; average, $2,700—						
Assistant engineer	1	2,600	1	2,500	0.5	2,500
Assistant fuel engineer	2	2,500	2	2,500	1.5	2,500
Assistant mining engineer	1	2,500	1	2,500		
Assistant physical chemist	1	2,500	1	2,500		
Salary range, $2,100 to $2,700; average, $2,400—						
Assistant mining engineer					1	2,400
Assistant engineer					0.5	2,400
Assistant fuel engineer	1	2,400	1	2,400	0.7	2,400
Assistant chemical engineer					0.4	2,400
Assistant mechanical engineer	1	2,400	1	2,400	1	2,400
Assistant explosives engineer					0.7	2,400
Assistant physical chemist					1	2,400
Assistant chemist	1	2,400	1	2,400	0.2	2,400
Mechanical draftsman	1	2,400	1	2,400	1	2,400
Junior physical chemist	1	2,300	1	2,300	0.5	2,300
Junior inorganic chemist	1	2,400	1	2,400		
Salary range, $1,860 to $2,400; average, $2,100—						
Glass blower and instrument maker					1	2,300
Junior physical chemist					0.5	2,300
Junior fuel engineer	1	2,100	1	2,100	1	2,000
Instrument maker	1	1,980	1	1,980	1	1,980
Analyst	1	1,980	1	1,980	1	1,920
Librarian	1	1,980	1	1,980	1	1,920
Junior analytical chemist	4	1,860	4	1,860	2.2	1,860
Junior chemist	1	1,920	1	1,860	1.6	1,860
Junior fuel engineer	1	1,920	1	1,920	0.4	1,860
Salary range, $1,680 to $2,100; average, $1,860—						
Clerk					0.6	1,860
Clerk					2.9	1,800
Senior scientific aid					0.2	1,800
Electrician					0.6	1,740
Assistant clerk	1	1,800	1	1,800	0.6	1,740
Scientific aid					0.4	1,680
Assistant photographer	0.2	1,800	0.2	1,800		
Salary range, $1,500 to $1,860; average, $1,680—						
Assistant clerk	1	1,740	1	1,740	0.7	1,680
Assistant clerk	2	1,680	2	1,680	1	1,620
Machinist	2	1,560	2	1,560	1	1,560
Salary range, $1,320 to $1,680; average, $1,500—						
Machinist					1	1,500
Junior analytical chemist					0.1	1,500
Assistant scientific aid					0.2	1,500
Stenographer-clerk	1	1,500	1	1,500	0.7	1,500
Senior stenographer	1	1,560	1	1,500	0.4	1,500
Junior clerk	1	1,560	1	1,560	1	1,500
Junior photographer					0.3	1,440
Fireman	1	1,500	1	1,500	1	1,440
Mechanic	1	1,440	1	1,440	1	1,440
Salary range, $1,140 to $1,500; average, $1,320—						
Laborer	1	1,380	1	1,380	1	1,380
Junior stenographer	1	1,320	1	1,320	0.4	1,320
Junior clerk					0.4	1,320
Junior scientific aid	4	1,320	4	1,320	1.3	1,320
Junior laboratory aid					0.3	1,320
Assistant coal sampler	1	1,320	1	1,320	1.6	1,320
Junior photographer	1	1,320	1	1,320	0.5	1,320
Telephone operator					0.3	1,320
Junior typist					1.2	1,260

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Testing Fuel, Bureau of Mines—Continued.

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Field service—Continued.						
	Salaries and wages—Continued.	*Average—*		*Average—*		*Average—*	
	Salary range, $1,020 to $1,260; average, $1,140—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Typist and mimeograph operator					0.5	$1,200
	Telephone operator					0.6	1,200
	Under scientific aid					0.7	1,200
	Under scientific aid	1	$1,140	1	$1,140	0.8	1,140
	Laborer					0.2	1,140
	Junior typist	1	1,260	1	1,260	0.2	1,140
	Assistant coal sampler					0.7	1,140
	Film inspector					0.5	1,020
	Salary range, $780 to $1,020; average, $900—						
	Messenger	1	1,020	1	1,020	0.5	1,020
	Messenger	1	720	1	720	0.9	720
	Messenger					0.3	600
	Total average number of employees	53.2		53.2		53	
	Total salaries and wages, field service		112,520		112,100		106,610
	The difference between 1929 and 1928 is due to increase in salaries, $420.						
01	Total personal services		144,230		139,720		134,400
	Supplies and materials:						
0200	Stationery and office supplies						202.01
0210	Medical and hospital supplies						27.47
0220	Scientific and educational supplies				1,500.00		1,688.04
0230	Fuel						36.95
0280	Sundry supplies				4,380.00		5,786.67
0290	Materials						487.75
02	Total supplies and materials		7,270.00		5,880.00		8,228.89
05	Communication service						15.00
06	Travel expense		4,500.00		4,680.00		5,019.30
07	Transportation of things		500.00		200.00		879.54
08	Photographing and printing						65.81
10	Furnishing heat, light, power, water, electricity						230.26
12	Repairs and alterations						1,531.82
13	Special and miscellaneous, current expenses						31.90
	Equipment:						
3010	Furniture, furnishings, and fixtures						315.30
3020	Educational, scientific, and recreational equipment		2,000.00		2,020.00		2,239.69
3050	Other equipment						266.89
30	Total equipment		2,000.00		2,020.00		2,821.88
					152,500.00		153,224.40
	Unobligated balance						776.00
	Reserve				1,500.00		
	Total		158,500.00		154,000.00		154,000.00

Mineral Mining Investigations, Bureau of Mines—

Mineral mining investigations: For inquiries and scientific and technologic investigations concerning the mining, preparation, treatment, and utilization of ores and mineral substances, other than fuels, with a view to improving health conditions and increasing safety, efficiency, economic development, and conserving resources through the prevention of waste in the mining, quarrying, metallurgical, and other mineral industries; to inquire into the economic conditions affecting these industries; and including all equipment, supplies, expenses of travel and subsistence, and the [purchase,] operation, maintenance, *and* repair [and exchange in part payment therefor,] of motor-propelled passenger-carrying vehicles, including not to exceed $9,500 for personal services in the District of Columbia, [$99,570] *$125,000*: *Provided*, That no part of this appropriation may be expended for an investigation in behalf of any private party (*U. S. C., p. 61, sec. 602; p. 953, secs. 1–11; act Feb. 24, 1927, vol. 44, p. 1217*) ..... $125,000.00 | $99,570.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Mineral Mining Investigations, Bureau of Mines—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average—		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Departmental service:						
Salaries—						
Professional and scientific service—						
Grade 5, $5,200 to $6,000; average, $5,600—						
Chief engineer, experiment stations division and metallurgical division					0.4	$6,000
Chief, economics branch					1	6,000
Senior physicist					0.2	6,000
Senior economic analyst					0.2	5,800
Chief mineral technologist					1	5,200
Chief engineer, experiment stations division	0.4	$5,600	0.4	$5,600		
Grade 4, $3,800 to $5,000; average, $4,400—						
Physicist					0.2	4,800
Mineral technologist					0.1	4,200
Grade 3, $3,000 to $3,600; average, $3,300—						
Mechanical engineer					0.1	3,100
Subprofessional service—						
Grade 3, $1,320 to $1,680; average, $1,500—						
Under library assistant					0.2	1,320
Clerical, administrative, and fiscal service—						
Grade 9, $3,000 to $3,600; average, $3,300—						
Business specialist					1	3,600
Clerk					1	3,300
Grade 7, $2,400 to $3,000; average, $2,700—						
Special agent					1	2,800
Grade 5, $1,860 to $2,400; average, $2,100—						
Clerk	1	2,400	1	2,400	1	2,320
Assistant business specialist					1	2,400
Special agent					1	1,860
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk					0.7	1,817
Clerk	1	1,800	1	1,740	0.5	1,740
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk					0.2	1,680
Assistant clerk	1	1,680	1	1,620	1.9	1,620
Junior special agent					1	1,530
Assistant clerk-stenographer					1	1,500
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk-stenographer					1	1,500
Junior stenographer					0.2	1,440
Junior clerk					0.2	1,380
Junior clerk	1	1,320	1	1,320	0.5	1,320
Grade 1, $1,140 to $1,500; average, $1,320—						
Underoperator, office devices					0.5	1,140
Total average number of employees	4.4		4.4		17.1	
Total salaries, departmental service		9,440		9,320		46,074
The difference between 1929 and 1928 is due to increase in salaries, $120.						
Field service:						
Salaries and wages—						
Salary range, $5,200 to $6,000; average, $5,600—						
Senior physicist	2.6	5,200	0.3	6,000		
Salary range, $3,800 to $5,000; average, $4,400—						
Superintendent, southern experiment station	1	4,600	1	4,600	1	4,600
Physical chemist	1	4,800	1	4,800	1	4,400
Superintendent, rare and precious metals experiment station	1	4,600	1	4,400	1	4,400
Metallurgist	1	4,200	1	4,200	0.5	4,000
Mining engineer					0.3	4,600
Electrometallurgist					0.5	4,000
Physicist			0.2	4,800		
Associate ore-dressing engineer	1	4,000	1	4,000	1	3,800
Associate metallurgist	1	4,000	1	4,000	1	3,800
Salary range, $3,300 to $3,900; average, $3,600—						
Mining engineer	2	3,800	1	3,800	0.5	3,400
Salary range, $3,000 to $3,600; average, $3,300—						
Chemist	2	3,200	2	3,200	2	3,100
Associate chemist	1	3,200	1	3,200	1	3,100
Salary range, $2,700 to $3,300; average, $3,000—						
Associate physicist	1	3,000	0.2	3,000	0.1	3,000
Salary range, $2,400 to $3,000; average, $2,700—						
Assistant metallurgist	1	2,700	1	2,600	1	2,600
Assistant physical chemist	1	2,600	1	2,600	0.5	2,500
Salary range, $2,100 to $2,700; average, $2,400—						
Mechanical engineer	1	2,400			0.3	2,400
Assistant physical chemist	1	2,500	1	2,500	1	2,400
Assistant analytical chemist	1	2,500	1	2,500	1	2,400
Assistant chemist					1	2,400
Metallurgist	1	2,400	1	2,400	1	2,300
Salary range, $1,860 to $2,400; average, $2,100—						
Clerk	1	2,200	1	2,200	1	2,100
Electric furnace mechanic	1	1,980	1	1,980	0.7	1,980
Instrument maker	1	1,980	1	1,920	1	1,920
Junior metallurgist	1	1,980	1	1,980	1	1,920
Salary range, $1,680 to $2,100; average, $1,860—						
Junior chemist	1	1,920	1	1,920	1	1,860
Electrician					0.2	1,740
Assistant clerk					0.2	1,740
Salary range, $1,500 to $1,860; average, $1,680—						
Assistant clerk	1	1,680	1	1,680	0.6	1,680
Assistant clerk	1	1,560	1	1,560	1.8	1,533

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Mineral Mining Investigations, Bureau of Mines—Continued.

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
		Average—		*Average*—		*Average*—	
		No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Field service—Continued.						
	Salaries and wages—Continued.						
	Salary range, $1,320 to $1,680; average, $1,500—						
	Laborer	1	$1,560	1	$1,560	1	$1,500
	Electric furnace mechanic					0.2	1,500
	Salary range, $1,140 to $1,500; average, $1,320—						
	Junior clerk	2	1,380			0.2	1,200
	Salary range, $1,020 to $1,260; average, $1,140—						
	Janitor	1	1,140	1	1,140	1	1,140
	Salary range, $780 to $1,020; average, $900—						
	Clerk-typist					0.5	960
	Minor scientific helper	0.2	900	0.2	900	0.1	900
	Total average number of employees	31.8		24.9		26.2	
	Total salaries, field service						68,970
	Per diem laborers, etc						4,238
	Total salaries and wages, field service		93,960		71,480		73,208
	The difference between 1929 and 1928 is due to—						
	Increase in force	$22,120					
	Increase in salaries	360					
	Total increase	22,480					
01	Total personal services		103,400		80,800		119,282
	Supplies and materials:						
0200	Stationery and office supplies						313.95
0220	Scientific and educational supplies		2,000.00		1,500.00		2,349.81
0230	Fuel				200.00		259.94
0280	Sundry supplies		6,900.00		5,000.00		6,806.11
0290	Materials						752.31
02	Total supplies and materials		8,900.00		6,700.00		10,482.12
05	Communication service						260.87
06	Travel expense		8,250.00		6,570.00		9,700.21
07	Transportation of things		450.00		300.00		483.09
08	Photographing and printing						254.03
10	Furnishing heat, light, power, water, electricity						224.44
	Rents:						
1100	Rent of buildings and structures						55.00
1110	Other rents, machines, etc						380.50
11	Total rents				400.00		435.50
12	Repairs and alterations						640.04
13	Special and miscellaneous current expenses						29.50
	Equipment:						
3000	Passenger-carrying vehicles						1,616.50
3010	Furniture, furnishings, and fixtures						502.64
3020	Educational, scientific, and recreational equipment		4,000.00		3,800.00		3,412.23
3050	Other equipment						410.23
30	Total equipment		4,000.00		3,800.00		5,941.60
					98,570.00		147,733.22
	Reserve				1,000.00		
	Unobligated balance						926.78
	Total		125,000.00		99,570.00		148,660.00

Oil, Gas, and Oil-Shale Investigations, Bureau of Mines—

Oil, gas, and oil-shale investigations: For inquiries and investigations and dissemination of information concerning the mining, preparation, treatment, and utilization of petroleum, natural gas, and oil shale, including economic conditions affecting the industry, with a view to economic development and conserving resources through the prevention of waste; for the purchase of newspapers relating to the oil, gas, and allied industries: *Provided*, That section 192 of the Revised Statutes shall not apply to such purchase of newspapers from this appropriation; and for every other expense incident thereto, including supplies, equipment, expenses of travel and subsistence, [purchase, exchange as part payment for,] maintenance, and operation of motor-propelled passenger-carrying vehicles, $198,260, of which amount not to exceed $25,000 may be expended for personal services in the District of Columbia (*U. S. C., p. 61, sec. 602; p. 953, secs. 1–11; act Feb. 24, 1927, vol. 44, p. 1217*) ..... $198,260.00 | $198,260.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Oil, Gas, and Oil-Shale Investigations, Bureau of Mines—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 5, $5,200 to $6,000; average, $5,600—						
Chief petroleum engineer	1	$5,600	1	$5,000	1	$5,400
Grade 4, $3,800 to $5,000; average, $4,400—						
Petroleum engineer					0.6	4,233
Petroleum engineer	1	4,000	1	4,000		
Grade 3, $3,000 to $3,600; average, $3,300—						
Petroleum chemist	1	3,400	1	3,400		
Petroleum chemist					0.2	3,200
Associate law examiner					0.3	3,100
Chemical engineer					0.1	3,000
Associate petroleum economist					1	3,000
Grade 1, $1,860 to $2,400; average, $2,097—						
Junior chemist					0.1	1,860
Subprofessional service—						
Grade 4, $1,500 to $1,860; average, $1,680—						
Laboratory assistant					0.1	1,740
Clerical, administrative, and fiscal service—						
Grade 9, $3,000 to $3,600; average, $3,300—						
Accountant auditor	0.5	3,000	0.5	3,000	0.3	3,000
Grade 6, $2,100 to $2,700; average, $2,400—						
Auditor	1	2,400	1	2,700	0.4	2,700
Grade 5, $1,860 to $2,400; average, $2,100—						
Clerk-auditor					1	2,200
Clerk	1	1,920	1	1,860	0.6	1,860
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk					1.4	1,740
Grade 3, $1,500 to $1,860; average, $1,680—						
Clerk	1	1,680	1	1,680	0.9	1,680
Junior clerk-stenographer	1	1,560	1	1,560		
Clerk					1	1,620
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk					0.1	1,320
Grade 1, $1,140 to $1,500; average, $1,320—						
Underoperator, office devices	1	1,140	1	1,140		
Custodial service—						
Grade 2, $900 to $1,140; average, $1,020—						
Assistant messenger	2	900	0.9	900		
Grade 1, $600 to $780; average, $690—						
Junior messenger					0.1	630
Junior messenger					0.7	600
Total average number of employees	10.5		9.4		9.9	
Total salaries, departmental service		25,000		24,250		24,649
The difference between 1929 and 1928 is due to increase in force, $750.						
Field service:						
Salaries and wages—						
Salary range, $5,200 to $6,000; average, $5,600—						
Superintendent, Bartlesville station	1	5,200	1	5,200		
Salary range, $3,800 to $5,000; average, $4,400—						
Superintendent, Bartlesville station					1	4,800
Petroleum engineer	2	4,400	2	4,400	1	4,400
Petroleum engineer					1	4,200
Refinery engineer	1	4,200	1	4,200	0.4	4,200
Deputy supervisor, oil and gas operations	1	4,400	1	4,400	1	4,200
Petroleum engineer					1.8	4,000
Dynamometer engineer	1	4,000	1	4,000	0.5	4,000
Engineer in charge, Laramie office	1	4,200	1	4,200	1	4,100
Salary range, $3,300 to $3,900; average, $3,600—						
Dynamometer engineer					0.5	3,800
Petroleum engineer	3	4,000	3	4,000	3.3	3,800
Economic analyst	2	3,800	2	3,800	0.9	3,800
Petroleum engineer					0.4	3,600
Assistant economist analyst					0.2	3,600
Petroleum chemist	1	3,600	1	3,600	0.5	3,600
Supervising driller	1	3,600	1	3,600	1.4	3,600
Petroleum chemist					0.5	3,500
Salary range, $3,000 to $3,600; average, $3,300—						
Chemical engineer	0.8	3,400	0.8	3,400	0.3	3,200
Petroleum engineer	1	3,300	1	3,300	1	3,100
Associate refinery engineer	1	3,200	1	3,200	1	3,100
Oil shale chemist	1	3,000	1	3,000	0.4	3,000
Salary range, $2,700 to $3,300; average, $3,000—						
Assistant petroleum chemist	1	3,100	1	3,100	1	3,000
Assistant petroleum engineer	2	3,000	2	3,000	1.8	3,000
Assistant refinery engineer					0.7	3,000
Associate gas engineer	1	3,100	1	3,100	1.4	3,000
Associate petroleum chemist	1	3,100	1	3,100	0.7	3,000
Associate petroleum engineer	1	3,100	1	3,100		
Salary range, $2,400 to $3,000; average, $2,700—						
Associate petroleum chemist					0.3	2,700
Associate petroleum chemist	1	2,600	1	2,600	0.5	2,600
Associate petroleum engineer	1	2,600	1	2,600	1	2,600
Associate petroleum chemist	1	2,500	1	2,500	1.5	2,500
Associate petroleum engineer	1	2,600	1	2,600	0.5	2,500
Associate refinery engineer					0.3	2,500
Salary range, $2,100 to $2,700; average, $2,400—						
Principal clerk	1	2,600	1	2,600	1	2,500
Foreman, instrument maker	1	2,500	1	2,500	1	2,500
Associate petroleum chemist					1.9	2,400
Associate refinery engineer					0.5	2,400
Illustrating draftsman	1	2,300	1	2,300	1	2,300

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927		Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Oil, Gas, and Oil-Shale Investigations, Bureau of Mines—Continued.								
		Average—		*Average*—		*Average*—		
		No. *Salary*		*No.* *Salary*		*No.* *Salary*		
Field service—Continued.								
Salaries and wages—Continued.								
Salary range, $1,860 to $2,400; average, $2,100—								
Engineering draftsman						0.7 $2,000		
Statistical clerk						0.4 1,980		
Salary range, $1,680 to $2,100; average, $1,860—								
Clerk		1 $1,920		1 $1,920		0.9 1,920		
Clerk		1 1,860		1 1,860		0.5 1,860		
Bibliographer		1 1,920		1 1,920		1 1,860		
Junior chemist		1 1,920		1 1,920		1.2 1,860		
Junior petroleum engineer						0.8 1,860		
Clerk						1.8 1,800		
Junior chemist		1 1,860		1 1,860		0.1 1,800		
Draftsman		1 1,680		1 1,680				
Salary range, $1,500 to $1,860; average, $1,680—								
Statistical clerk						0.7 1,680		
Clerk-stenographer		1 1,680		1 1,680		0.3 1,680		
Clerk		1 1,620		1 1,620		2.8 1,560		
Typist		1 1,560		1 1,560		0.2 1,500		
Mimeograph operator and stenographer						0.4 1,500		
Salary range, $1,320 to $1,680; average, $1,500—								
Stenographer-typist		1 1,440		1 1,440		0.1 1,440		
Foreman laborer		1 1,440		1 1,440		0.5 1,440		
Foreman laborer						0.5 1,320		
Clerk-stenographer						0.2 1,320		
Total average number of employees		41.8		41.8		46.3		
Total salaries, field service		124,820		124,820		132,490		
Deduct allowance value of lodging		120		120		60		
Cash payment, salaries and wages		124,760		124,700		132,430		
Per diem laborers, etc		306		306		3,695		
Total salaries and wages, field service		125,006		125,006		136,125		
01 Total personal services		150,006		149,256		160,774		
Supplies and materials:								
0200 Stationery and office supplies		500.00		500.00		537.89		
0210 Medical and hospital supplies						13.24		
0220 Scientific and educational supplies		3,250.00		2,500.00		1,984.95		
0230 Fuel		1,500.00		1,500.00		1,974.05		
0280 Sundry supplies		7,500.00		5,500.00		7,485.82		
0290 Materials		2,000.00		2,000.00		2,200.88		
02 Total supplies and materials		14,750.00		12,000.00		14,196.03		
05 Communication service		900.00		900.00		896.18		
06 Travel expense		20,695.00		19,695.00		17,970.38		
07 Transportation of things		2,760.00		2,760.00		2,079.54		
08 Photographing and printing		500.00		500.00		608.67		
10 Furnishing heat, light, power, water, electricity		2,000.00		2,000.00		2,462.54		
11 Rents						1,513.00		
12 Repairs and alterations		2,149.00		1,149.00		2,530.64		
13 Special and miscellaneous current expenses						211.67		
Equipment:								
3060 Passenger-carrying vehicles				5,000.00		2,468.46		
3010 Furniture, furnishings, and fixtures		1,000.00		1,000.00		1,260.48		
3020 Educational, scientific, and recreational equipment		1,000.00		500.00		915.31		
3050 Other equipment		2,500.00		1,500.00		1,839.16		
30 Total equipment		4,500.00		8,000.00		6,423.41		
				196,260.00		210,666.06		
Reserve				2,000.00				
Unobligated balauce						333.94		
Total		198,260.00		198,260.00		211,000.00		
Oil-Shale Investigations, Bureau of Mines—								
Oil-shale investigations: For [maintenance and repair] *development of oil shale, including purchase or mining and transportation of shale, operation, repairs, and alteration* of plant, *the construction, maintenance, and repair of necessary* camp buildings and appurtenances *thereto*, and *the alteration, operation, and maintenance of* experimental refinery, and for all necessary expenses incident thereto, including personal services, *supplies, equipment, traveling expenses, the purchase, not exceeding $1,200, operation, maintenance, repair, and exchange in part payment for, of motor-propelled, passenger-carrying vehicles,* [$5,000] *$80,000, of which amount not to exceed $6,000 may be expended for personal services in the District of Columbia (U. S. C., p. 61, sec. 602; p. 953, secs. 1–11; act Feb. 24, 1927, vol. 44, p. 1218)*							$80,000.00	$5,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Oil-Shale Investigations, Bureau of Mines—Continued.

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Departmental service:						
	Salaries—						
	Professional and scientific service—	*Average—*		*Average—*		*Average—*	
		No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Grade 3, $3,000 to $3,600; average, $3,300—						
	Petroleum chemist	0.8	$3,400			0.3	$3,200
	Petroleum chemist					0.5	3,100
	Clerical, administrative, and fiscal service—						
	Grade 5, $1,860 to $2,400; average, $2,100—						
	Senior clerk	0.7	2,200				
	Grade 4, $1,680 to $2,040; average, $1,860—						
	Clerk					1.9	1,825
	Grade 2, $1,320 to $1,680; average, $1,500—						
	Assistant clerk	0.8	1,500				
	Underclerk					1	1,320
	Custodial service—						
	Grade 2, $900 to $1,140; average, $1,020—						
	Messenger	0.6	900				
	Total average number of employees	2.9				3.7	
	Total salaries, departmental service		6,000				7,298
	Field service:						
	Salaries and wages—						
	Salary range, $3,800 to $5,000; average, $4,400—						
	Petroleum engineer	0.7	4,200			0.5	5,000
	Refinery engineer	0.8	3,800			0.6	4,200
	Salary range, $3,000 to $3,600; average, $3,300—						
	Chemical engineer			0.1	$3,400	0.7	3,300
	Salary range, $2,700 to $3,300; average, $3,000—						
	Chemist					0.3	3,000
	Oil-shale chemist	1.5	3,000			0.6	3,000
	Associate refinery engineer			0.1	3,100		
	Mine foreman	0.7	3,000				
	Salary range, $2,100 to $2,700; average, $2,400—						
	Assistant chemical engineer					1.6	2,400
	Assistant refinery engineer	1.5	2,400				
	Salary range, $1,860 to $2,400; average, $2,100—						
	Junior chemist	0.8	2,400			0.3	2,100
	Junior chemist					0.8	1,860
	Salary range, $1,680 to $2,100; average, $1,860—						
	Retort operator	2.3	1,860				
	Clerk			0.1	1,920	0.6	1,920
	Salary range, $1,320 to $1,680; average, $1,500—						
	Clerk					0.2	1,500
	Junior clerk					0.5	1,320
	Unskilled laborer	10.5	1,500	1	1,560		
	Laboratory aid	0.7	1,500				
	Total average number of employees	19.5		1.3		6.7	
	Total salaries and wages, field service		39,178		2,402		18,100
	Deduct allowances for lodging				55		
	Cash payment, salaries and wages		39,178		2,347		18,100
	Per diem laborers, etc		1,112		2,003		26,867
	Total salaries and wages, field service		40,290		4,350		44,967
01	Total personal services		46,290		4,350		52,265
	Supplies and materials:						
0200	Stationery and office supplies						23.79
0210	Medical and hospital supplies						32.43
0220	Scientific and educational supplies						117.50
0230	Fuel						5,673.24
0280	Sundry supplies						7,675.40
0290	Materials						2,897.74
02	Total supplies and materials		8,950.00		500.00		16,420.10
05	Communication service						197.57
06	Travel expenses		2,500.00				4,114.69
07	Transportation of things				150.00		2,788.00
08	Photographing and printing						139.94
12	Repairs and alterations						1,127.35
13	Special and miscellaneous, current expenses						313.65
	Equipment:						
3000	Passenger-carrying vehicles		1,200.00				
3010	Furniture, furnishings, and fixtures						358.08
3020	Educational, scientific and recreational equipment		21,060.00				3,806.38
3050	Other equipment						7,352.76
30	Total equipment		22,260.00				11,517.22
							88,883.52
	Unobligated balance						116.48
	Total		80,000.00		5,000.00		89,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Expenses Mining Experiment Stations, Bureau of Mines—		
Mining experiment stations: For the employment of personal services and all other expenses in connection with the establishment, maintenance, and operation of mining experiment stations, authorized by the act approved March 3, 1915, $173,000, of which amount not to exceed $11,000 may be expended for personal services in the District of Columbia (*U. S. C., p. 61, sec. 602; p. 953, secs. 1–11; act Feb. 24, 1927, vol. 44, p. 1218*)	$173,000.00	$173,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 5, $5,200 to $6,000; average, $5,600—						
Chief engineer, division of experiment stations	0.6	$5,600	0.6	$5,600	0.6	$6,000
Grade 3, $3,000 to $3,600; average, $3,300—						
Law examiner	1	3,200	1	3,200		
Subprofessional service—						
Grade 4, $1,500 to $1,860; average, $1,680—						
Junior library assistant					0.8	1,500
Clerical, administrative, and fiscal service—						
Grade 6, $2,100 to $2,700; average, $2,400—						
Clerk					1	2,400
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk					0.4	1,680
Clerk					0.3	1,749
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	1	1,500	1	1,500		
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	1	1,440	0.5	1,440	1	1,500
Operative	1	1,440	1	1,440		
Total average number of employees	4.6		4.1		4.1	
Total salaries, departmental service		11,000		10,220		9,954
The difference between 1929 and 1928 is due to—						
Increase in force	$720					
Increase in salaries	60					
Total increase	780					
Field service:						
Salaries and wages—						
Salary range, $5,200 to $6,000; average, $5,600—						
Metallurgist	1	5,200	1	5,200	1	5,200
Supervising engineer	0.5	6,000	0.5	6,000		
Salary range, $3,800 to $5,000; average, $4,400—						
Superintendent, Intermountain experiment station					0.6	4,600
Metallurgist					1	4,200
Superintendent, nonmetallic minerals experiment station	1	4,200	1	4,200	1	4,200
Superintendent, southwest experiment station	1	4,200	1	4,200	0.5	4,000
Metallurgist and superintendent, north central experiment station	1	4,200	1	4,200	1	4,000
Metallurgist	1	4,200	1	4,200	1	4,000
Superintendent, northwest experiment station	1	4,000	1	4,000	1	3,800
Hydrometallurgist	1	4,000	1	3,800	1	3,800
Metallurgist	3	3,800	3	3,800	2.8	3,800
Engineer					0.5	3,800
Salary range, $3,000 to $3,600; average, $3,300—						
Associate metallurgist					0.4	3,400
Associate metallurgist					0.8	3,200
Mineral technologist	1	3,300	1	3,300	1	3,200
Associate metallurgist					0.1	3,100
Salary range, $2,700 to $3,300; average, $3,000—						
Microscopist	1	3,100	1	3,100	0.9	3,000
Associate metallurgical chemist	2	3,000	2	3,000	0.1	3,000
Associate physical chemist	1	3,100	1	3,100	1	3,000
Associate metallurgist					0.3	3,000
Associate chemist	0.5	3,000	0.5	3,000	1.8	3,000
Practical steel operator	1	3,100	1	3,100	0.8	3,000
Assistant chemist					0.2	2,900
Assistant metallurgist	2	2,700	2	2,700	2	2,700
Salary range, $2,400 to $3,000; average, $2,700—						
Assistant chemist	2	2,600	1	2,600	1.8	2,600
Junior chemist			1	2,500	2	2,500
Assistant metallurgist	2	2,500	2	2,500	2.3	2,460
Junior mining engineer	1	2,500	1	2,500	1	2,400
Assistant physical chemist					0.3	2,400
Salary range, $2,100 to $2,700; average, $2,400—						
Junior metallurgist	1	2,400	1	2,400	1	2,300
Chemist	1	2,300	1	2,200	1	2,200
Chemical engineer	1	2,300	1	2,300	1	2,200
Clerk	2	2,100	2	2,100	2	2,100
Junior metallurgist	1	2,100	1	2,100		
Salary range, $1,860 to $2,400; average, $2,100—						
Junior chemist					0.2	2,000
Junior chemist	2	1,920	2	1,920	2	1,890
Junior mining engineer					1	1,860

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927		Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Expenses Mining Experiment Stations, Bureau of Mines—Continued.								
		Average—		Average—		Average—		
		No.		No.		No.		
Field service—Continued.								
Salaries and wages—Continued.								
Salary range, $1,680 to $2,100; average, $1,860—								
Junior ore-dressing engineer		2	$1,860	2	$1,860			
Clerk		3	1,860	2	1,860	2.1	$1,860	
Clerk				1	1,800	2.5	1,764	
Clerk		2	1,740	1	1,740			
Electrician		1	1,800	1	1,740	1	1,740	
Mill mechanic		1	1,680	1	1,680	0.5	1,680	
Clerk				1	1,680	0.1	1,680	
Salary range, $1,500 to $1,860; average, $1,680—								
Skilled laborer		2	1,680	2	1,680	1	1,620	
Skilled laborer						0.5	1,560	
Ore-mill mechanic		1	1,560	1	1,560	1	1,560	
Skilled laborer						0.5	1,500	
Salary range, $1,320 to $1,680; average, $1,500—								
Assistant clerk		1.5	1,500	1.5	1,500	0.4	1,500	
Junior clerk		1	1,440	1	1,440	1	1,440	
Laborer		1	1,320	1	1,320	1	1,320	
Salary range, $1,020 to $1,260; average, $1,140—								
Laborer		2.5	1,200	2.5	1,200	1	1,200	
Laborer		1	1,080	1	1,080	1	1,080	
Total average number of employees		51		51		50		
Total salaries, field service			130,010		129,430		131,284	
Per diem laborers, etc			790		765		1,680	
Total salaries and wages, field service			130,800		130,195		132,964	
The difference between 1929 and 1928 is due to increase in salaries, $480.								
01 Total personal services			141,800		140,415		142,918	
Supplies and materials:								
0200 Stationery and office supplies							136.37	
0210 Medical and hospital supplies							9.61	
0220 Scientific and educational supplies			3,000.00		3,000.00		2,963.53	
0230 Fuel							774.83	
0280 Sundry supplies			5,000.00		5,000.00		4,217.55	
0290 Materials							459.32	
02 Total supplies and materials			8,000.00		8,000.00		8,561.21	
05 Communication service			700.00		700.00		713.20	
06 Travel expense			11,000.00		9,990.00		12,099.72	
07 Transportation of things			1,500.00		1,690.00		1,728.22	
08 Photographing and printing							98.85	
10 Furnishing heat, light, power, water, electricity							25.75	
11 Rents							64.00	
12 Repairs and alterations							1,152.45	
13 Special and miscellaneous current expenses							321.59	
Equipment:								
3010 Furniture, furnishings, and fixtures							1,376.44	
3020 Educational, scientific, and recreational equipment			10,000.00		6,000.00		2,292.57	
3050 Other equipment					4,505.00		1,117.57	
30 Total equipment			10,000.00		10,505.00		4,786.58	
					171,300.00		172,469.57	
Unobligated balance							530.43	
Reserve					1,700.00			
Total			173,000.00		173,000.00		173,000.00	
Care, etc., Buildings and Grounds, Bureau of Mines, Pittsburgh, Pa.—								
Buildings and grounds, Pittsburgh, Pennsylvania: For care and maintenance of buildings and grounds at Pittsburgh and Bruceton, Pennsylvania, including personal services, the [purchase, exchange as part payment for,] operation, maintenance, and repair of passenger automobiles for official use, and all other expenses requisite for and incident thereto, including not to exceed $5,000 for additions and improvements (*U. S. C., p. 61, sec. 602; p. 953, secs. 1–11; act Feb. 24, 1927, vol. 44, p. 1218*)							$76,360.00	$71,360.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Care, etc., Buildings and Grounds, Bureau of Mines, Pittsburgh, Pa.—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
Salary range, $3,000 to $3,600; average, $3,300—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Mechanical superintendent	0.5	$3,100	0.5	$3,100	0.5	$3,100
Salary range, $1,680 to $2,100; average, $1,860—						
Plumber	1	1,860	1	1,860	1	1,800
Salary range, $1,500 to $1,860; average, $1,680—						
Garage foreman	1	1,740	1	1,740	1	1,740
Electrician	1	1,740	1	1,740	0.7	1,740
Labor foreman, coal sampler	1	1,680	1	1,680	1	1,680
Salary range, $1,140 to $1,500; average, $1,320—						
Fireman	1	1,380	1	1,380	1	1,380
Captain of watch	1	1,380	1	1,380	1	1,350
Fireman	2	1,320	2	1,320	2	1,320
Oiler and engine runner	1	1,320	1	1,320	1	1,320
Oiler and engine runner	1	1,260	1	1,260	1	1,260
Fireman					1	1,260
Salary range, $1,020 to $1,260; average, $1,140—						
Watchman	1	1,260	1	1,260	0.5	1,260
Janitor	1	1,260	1	1,260	0.5	1,260
Garageman-driver	1	1,320	1	1,320	1	1,230
Garageman-driver	1	1,260	1	1,260		
Watchman	1	1,260	1	1,260	0.5	1,200
Janitor	1	1,260	1	1,260	0.5	1,200
Laborer	2	1,200	2	1,200	3	1,200
Assistant auto mechanic	1	1,200	1	1,200	1	1,200
Laborer	4	1,140	4	1,140	3	1,140
Watchman	1	1,140	1	1,140	2	1,110
Salary range, $780 to $1,020; average, $900—						
Female laborer	8	900	8	900	8	900
Messenger boy and mimeograph operator					0.3	900
Messenger boy	1	600	1	600	1.3	600
Total average number of employees	33.5		33.5		32.8	
Total salaries, field service		41,270		41,270		39,578
Deduct allowance value of lodging		150		150		150
Cash payment, salaries		41,120		41,120		39,428
Per diem laborers, etc		2,750		750		1,897
01 Total salaries and wages, field service		43,870		41,870		41,325
Supplies and materials:						
0200 Stationery and office supplies						136.65
0210 Medical and hospital supplies						2.94
0220 Scientific and educational supplies						112.32
0230 Fuel		4,500.00		4,500.00		4,287.62
0280 Sundry supplies		10,700.00		5,500.00		4,117.52
0290 Materials		2,530.00		2,530.00		1,932.57
02 Total supplies and materials		17,330.00		12,530.00		10,589.62
05 Communication service		2,000.00		2,000.00		1,720.03
07 Transportation of things		1,760.00		1,760.00		1,976.42
10 Furnishing heat, light, power, water, electricity		4,500.00		4,500.00		4,069.78
12 Repairs and alterations		5,000.00		5,000.00		2,315.73
13 Special and miscellaneous current expenses		1,500.00		1,500.00		1,146.81
Equipment:						
3010 Furniture, furnishings, and fixtures						122.49
3020 Educational, scientific, and recreational equipment						34.11
3050 Other equipment						962.46
30 Total equipment						1,119.06
				69,160.00		64,262.45
Reserve				2,200.00		
Unobligated balance						57.55
Total		76,360.00		71,360.00		64,320.00

Persons employed during the fiscal year [1928] *1929* in field work outside of the District of Columbia under the Bureau of Mines may be detailed temporarily for service in the District of Columbia for purposes of preparing results of their field work; all persons so detailed shall be paid in addition to their regular compensation only traveling expenses in going to and returning therefrom: *Provided*, That nothing herein shall prevent the payment to employees of the Bureau of Mines of their necessary expenses, or per diem in lieu of subsistence, while on temporary detail in the District of Columbia, for purposes only of consultation or investigations on behalf of the United States. All details made hereinunder, and the purposes of each, during the preceding fiscal year shall be reported in the annual estimates of appropriations to Congress at the beginning of each regular session thereof (*act Feb. 24, 1927, vol. 44, p. 1219*).

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Persons employed in field work outside the District of Columbia detailed temporarily for service in the District of Columbia, fiscal year 1928

	Occupation	Days
Chemist	Consultation	2
Associate chemist	Investigation	13
Assistant chemist	do	24
Chief chemist	Consultation	5
Physical chemist	do	20½
Supervising chemist	do	6
Explosives engineer	Investigation	3
Assistant explosives engineer	do	12
District engineer	do	10
Supervising engineer	Consultation	2
Consulting mining engineer	do	4
Petroleum engineer	do	25
Physicist	Investigation	1
Associate physicist	Consultation	3
Mine safety engineer	do	4
Associate mine safety engineer	do	2
Fuel engineer	Investigation	1
Electrical engineer	do	6
Senior mining engineer	Consultation	2
Associate mining engineer	do	25
Superintendent, Pittsburgh station	do	23
Superintendent, New Brunswick station	do	16
Assistant to superintendent, Pittsburgh station	do	3
Electrometallurgist	do	2
Assistant chief metallurgist	do	1
Metallurgist	do	10
Coal mining superintendent	do	5
Senior mining engineer	do	16
Assistant engineer	do	2
Scientist	do	4
Associate economic analyst	Investigation	15
Supervising metallurgist	do	3
Associate natural gas engineer	do	2

The Secretary of the Treasury may detail medical officers of the Public Health Service for cooperative health, safety, or sanitation work with the Bureau of Mines, and the compensation and expenses of the officers so detailed may be paid from the applicable appropriations made herein for the Bureau of Mines (*act Feb. 24, 1927, vol. 44, p. 1217*).

Maintenance and Operation, Fuel Yards, District of Columbia, Bureau of Mines—Government fuel yards: For the purchase and transportation of fuel; storing and handling of fuel in yards; maintenance and operation of yards and equipment, including motor-propelled passenger-carrying vehicles for inspectors, purchase of equipment, rentals, and all other expenses requisite for and incident thereto, including personal services in the District of Columbia, the unexpended balance of the appropriations heretofore made for these purposes is reappropriated and made available for such purposes for the fiscal year [1928] *1929*, and for payment of obligations for such purposes of prior years, and of such sum not exceeding $500 shall be available to settle claims for damages caused to private property by motor vehicles used in delivering fuel: *Provided*, That all moneys received from the sales of fuel shall be credited to this appropriation and be available for the purposes of this paragraph: *Provided further*, That the requirements of sections 3711 and 3713 of the Revised Statutes relative to the weighing of coal and wood and the separate certificate as to the weight, measurement, or quantity of coal and wood purchased shall not apply to purchases by the Government fuel yards at free-on-board destinations outside of the District of Columbia (*U. S. C., p. 1296, sec. 110; act Feb. 24, 1927, vol. 44, p. 1219*).

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 4, $3,800 to $5,000; average, $4,400—						
Engineer	1	$5,000	1	$5,000	1	$4,800
Grade 1, $1,860 to $2,400; average, $2,100—						
Junior fuel engineer	1	1,920	1	1,920	0.6	1,850
Subprofessional service—						
Grade 7, $2,100 to $2,700; average, $2,400—						
Principal engineering inspector	1	2,500	1	2,500	1	2,450
Clerical, administrative, and fiscal service—						
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant	1	2,900	1	2,900	1	2,800
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	1	2,600	1	2,600	1	2,600
Grade 5, $1,860 to $2,400; average, $2,100—						
Senior clerk	3	2,133	3	2,133	3	2,078

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Maintenance and Operation, Fuel Yards, District of Columbia, Bureau of Mines—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service—Continued.						
Salaries—Continued.						
Clerical, administrative, and fiscal service—Con.	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 4, $1,680 to $2,040; average, $1,860—Clerk	2	$1,860	2	$1,860	2	$1,860
Grade 3, $1,500 to $1,860; average, $1,680—Assistant clerk	9	1,653	9	1,653	8.1	1,616
Grade 2, $1,320 to $1,680; average, $1,500—Junior clerk	3	1,400	3	1,400	1.6	1,420
Grade 1, $1,140 to $1,500; average, $1,320—Underclerk	1	1,440	1	1,440	1	1,440
Custodial service—						
Grade 9, $2,100 to $2,700; average, $2,400—Assistant mechanical superintendent	2	2,400	2	2,400	2	2,400
Grade 8, $1,860 to $2,400; average, $2,100—Principal mechanic	1	2,200	1	2,200	1	2,040
Grade 7, $1,680 to $2,040; average, $1,860—Senior mechanic	4	1,860	4	1,860	4	1,860
Grade 6, $1,500 to $1,860; average, $1,680—Mechanic	7	1,680	7	1,680	7.4	1,649
Grade 5, $1,320 to $1,680; average, $1,500—Junior mechanic	1	1,500	1	1,500	1.7	1,544
Grade 4, $1,140 to $1,500; average, $1,320—Undermechanic	1	1,380	1	1,380	1	1,380
Grade 3, $1,020 to $1,260; average, $1,140—Guard-watchman	3	1,100	3	1,100	2.7	1,100
Grade 2, $900 to $1,140; average, $1,020—Subordinate mechanic	1	1,080	1	1,080	1	1,080
Assistant messenger	1	900	1	900	0.6	691
Total average number of employees	44		44		41.7	
Total salaries, departmental service		79,916		79,916		75,465
Wages—labor		52,000		52,000		49,728
01 Total personal services		131,916		131,916		125,193
Supplies and materials:						
0200 Stationery and office supplies		150.00		150.00		106.24
0202 Sundry office supplies		50.00		50.00		61.04
0230 Fuel		2,000.00		2,000.00		2,097.69
0282 Mechanics' supplies		500.00		500.00		318.24
0290 Materials		43,000.00		43,000.00		43,247.76
02 Total supplies and materials		45,700.00		45,700.00		45,830.97
Communication service:						
0500 Telegraph service		40.00		40.00		43.60
0510 Telephone service		660.00		660.00		660.51
05 Total communication service		700.00		700.00		704.11
06 Travel expense		200.00		200.00		29.48
07 Transportation of thing		40.00		40.00		42.04
08 Printing and binding		275.00		275.00		266.48
09 Advertising		150.00		150.00		14.60
10 Heat, light, power		5,000.00		5,000.00		5,154.78
13 Special and miscellaneous current expenses (accidents)		100.00		100.00		102.65
Equipment:						
3000 Passenger-carrying vehicles						1,600.00
3050 Other equipment		4,500.00		4,500.00		5,431.70
30 Total equipment		4,500.00		4,500.00		7,031.70
32 Structural and nonstructural improvements to land		9,500.00		9,500.00		9,356.53
33 Purchases for resale		1,500,000.00		1,500,000.00		1,491,274.30
Total		1,698,081.00		1,698,081.00		1,685,060.64

Helium Production, Conservation, and Exploitation—

Helium production and investigations: The sums made available for the fiscal year [1928] *1929*, in the acts making appropriations for the War and Navy Departments for the acquisition of helium from the Bureau of Mines shall be advanced from time to time upon requisition by the Secretary of Commerce in such amounts as may be determined by the President not in excess of the sums needed for the economical and efficient operation and maintenance of the plants for the production of helium for military and/or naval purposes, *including purchase, exchange as part payment for, maintenance, operation and repair of motor-propelled passenger-carrying vehicles*, including not to exceed $12,260 for personal services in the District of Columbia (*U. S. C., p. 61, sec. 602; p. 953, secs. 1–11; p. 1698, secs. 161, 163–166; act Feb. 24, 1927, vol. 44, p. 1219*).

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Helium Production, Conservation, and Exploitation—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
Grade 4, $3,800 to $5,000; average, $4,400—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Chemist	1	$4,000	1	$3,800	1	$3,800
Subprofessional service—						
Grade 6, $1,860 to $2,400; average, $2,100—						
Draftsman	1	1,860	1	1,860	1	1,860
Clerical, administrative, and fiscal service—						
Grade 9, $3,000 to $3,600; average, $3,300—						
Accountant	0.5	3,000	0.5	3,000	0.5	3,000
Grade 6, $2,100 to $2,700; average, $2,400—						
Auditor	0.1	2,700	0.2	2,700	0.2	2,700
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	1	1,860	1	1,860	1	1,830
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	0.1	1,680	0.1	1,680	0.1	1,680
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior operator					0.1	1,320
Grade 1, $1,140 to $1,500; average, $1,320—						
Clerk	1	1,440	1	1,440	1	1,440
Clerk	1	1,140	0.9	1,140	1	1,140
Total average number of employees	5.7		5.7		5.9	
Total salaries, departmental service		12,240		12,195		12,210
Field service:						
Salaries and wages—						
Salary range, $5,200 to $6,000; average, $5,600—						
Helium engineer	1	5,400	1	5,200	1	5,200
Salary range, $3,800 to $5,000; average, $4,400—						
Mechanical engineer	1	4,000	1	4,000	1	4,000
Helium engineer	1	3,900	1	3,900	1	3,900
Salary range, $3,000 to $3,600; average, $3,300—						
Gas engineer	1	3,100	1	3,100	1	3,100
Helium-plant operator	1	3,100	1	3,100	1	3,100
Salary range, $2,700 to $3,300; average, $3,000—						
Office manager	1	2,800	1	2,800	1	3,000
Salary range, $2,400 to $3,000; average, $2,700—						
Draftsman	1	2,600	1	2,600	0.8	2,600
Salary range, $2,100 to $2,700; average, $2,400—						
Machinist	3	2,100	2	2,100	1.8	2,100
Principal clerk	1	2,100	1	2,100	1	2,100
Plant operator	9	2,100	6	2,100	5	2,100
Draftsman	1	2,100	1	2,100	1	2,100
Salary range, $1,860 to $2,400; average, $2,100—						
Junior chemist	1	1,920	1	1,920	1	1,920
Engineman helper	3	1,860	1	1,860	1	1,860
Salary range, $1,680 to $2,100; average, $1,860—						
Assistant clerk	1	1,680	1	1,680	1	1,680
Stenographer	1	1,860	1	1,620	1	1,620
Carpenter	1	1,860	1	1,860	1	1,860
Laborer foreman	1	1,860	1	1,800	1	1,800
Salary range, $1,500 to $1,860; average, $1,680—						
Engineman helper	1	1,620	1	1,620	1	1,620
Truck driver	2	1,560	1	1,560	1	1,560
Watchman	1	1,500	1	1,500	1	1,500
Clerk	1	1,500	1	1,500	1	1,500
Salary range, $1,320 to $1,680; average, $1,500—						
Skilled laborer	2	1,500	1	1,500	1	1,500
Caretaker	1	1,440	1	1,440	1	1,440
Skilled laborer	2	1,380	1	1,380	1	1,380
Laborer	2	1,380	1	1,380	1	1,380
Laborer	2	1,260	1	1,260	1	1,260
Laborer	1	1,080	1	1,080	1	1,080
Total average number of employees	44		33		31.6	
Total salaries, field service		90,360.00		70,660.00		68,560.00
Per diem laborers, miscellaneous services		90,080.00		60,280.00		41,549.24
Total salaries and wages, field service		180,440.00		130,940.00		110,109.24
01 Total personal services		192,680.00		143,135.00		122,319.24
Supplies and materials:						
0200 Stationery and office supplies		200.00		160.00		134.91
0210 Medical and hospital supplies		10.00		10.00		8.88
0220 Scientific and educational supplies		40,000.00		37,000.00		32,602.21
0230 Fuel		15,000.00		9,600.00		8,241.37
0280 Sundry supplies		11,000.00		9,500.00		8,176.58
0290 Materials		6,000.00		4,300.00		3,721.05
02 Total supplies and materials		72,210.00		60,570.00		52,885.00
05 Communication service		1,000.00		800.00		691.90
06 Travel expenses		1,500.00		1,000.00		974.79
07 Transportation of things		400.00		250.00		246.81
08 Photographing and printing		250.00		200.00		190.12
10 Furnishing heat, light, power, water, electricity		25,000.00		20,000.00		19,720.68
11 Rents		200.00		200.00		161.00
12 Repairs and alterations		1,000.00		800.00		742.65
13 Special and miscellaneous, current expenses		138,560.00		134,145.00		121,334.04

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Helium Production, Conservation, and Exploitation—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Equipment:			
3000 Passenger-carrying vehicles	$2,200.00		
3010 Furniture, furnishings, and fixtures	1,000.00	$1,000.00	$565.78
3020 Educational, scientific, and recreational equipment	2,000.00	2,000.00	2,262.28
3050 Other equipment	1,000.00	900.00	686.41
30 Total equipment	6,200.00	3,900.00	3,514.47
	439,000.00	365,000.00	322,780.70
Deduct amounts received from—			
Air Corps, Army	199,000.00	180,000.00	119,903.00
Aviation, Navy	240,000.00	185,000.00	191,772.44
Total amounts received	439,000.00	365,000.00	311,675.44
Total			11,105.26

Helium Investigations, Bureau of Mines—

For investigations of resources of helium-bearing gas and the conservation thereof, and of processes and methods of producing, storing, purifying, and utilizing helium and helium-bearing gas, including supplies and equipment, stationery, furniture, expenses of travel and subsistence, purchase, *not exceeding $1,200*, exchange as part payment for, maintenance, and operation of motor-propelled passenger-carrying vehicles, and all other necessary expenses, including not to exceed $25,080 for personal services in the District of Columbia (*U. S. C., p. 61, sec. 602; p. 953, secs. 1–11; p. 1698, secs. 161, 163–166; act Feb. 24, 1927, vol. 44, p. 1219*) $75,000.00 $75,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 5, $5,200 to $6,000; average, $5,600—						
Senior economic analyst					0.1	$5,800
Chief helium engineer	1	$5,600	1	$5,400	1	5,200
Grade 4, $3,800 to $5,000; average, $4,400—						
Chemist	1	4,800	1	4,600	1	4,500
Physicist					0.4	3,800
Grade 3, $3,000 to $3,600; average, $3,300—						
Mechanical engineer					0.1	3,100
Chemist	1	3,200	1	3,100	1	3,050
Chemist	1	3,000	1	3,000		
Subprofessional service—						
Grade 8, $2,400 to $3,000; average, $2,700—						
Mechanical draftsman	1.9	2,600	2	2,600	0.5	2,600
Clerical, administrative, and fiscal service—						
Grade 5, $1,860 to $2,400; average, $2,100—						
Clerk-auditor					0.8	2,225
Clerk					0.5	2,200
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk					0.5	2,040
Grade 3, $1,500 to $1,860; average, $1,680—						
Operator					0.5	1,860
Assistant clerk	1	1,740	1	1,740	0.3	1,680
Assistant clerk					0.8	1,500
Assistant clerk	1	1,680	1	1,680	1	1,620
Custodial service—						
Grade 1, $600 to $780; average, $690—						
Junior messenger			0.4	630	0.6	600
Total average number of employees	7.9		8.4		9.1	
Total salaries, departmental service		24,960		24,972		24,974
Field service:						
Salaries and wages—						
Salary range, $3,800 to $5,000; average, $4,400—						
Scientist	0.8	4,800	0.8	4,800	1	4,700
Physical chemist	1	4,000	1	4,000	1	4,000
Salary range, $2,700 to $3,300; average, $3,000—						
Associate physical chemist	2	3,000	2	3,000	0.5	3,000
Associate chemist	1	3,000	1	3,000	1.8	3,000
Associate natural gas engineer					0.9	3,000
Salary range, $2,400 to $3,000; average, $2,700—						
Physicist					0.1	2,600
Associate natural gas engineer					0.3	2,500
Salary range, $2,100 to $2,700; average, $2,400—						
Assistant chemist	1	2,400	1	2,400	1	2,400
Assistant natural gas engineer	1	2,400	1	2,400	0.7	2,400
Draftsman	0.3	2,400	0.3	2,400	1	2,400
Assistant physicist	1	2,400	1	2,400	0.8	2,400
Machinist	1	2,400	1	2,400	1	2,300
Machinist	1	2,100	1	2,100	0.4	2,100
Assistant engineer	1	2,400	1	2,400		
Salary range, $1,860 to $2,400; average, $2,100—						
Junior physicist					0.1	1,860
Salary range, $1,500 to $1,860; average, $1,680—						
Carpenter	1	1,680	1	1,680		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

Helium Investigations, Bureau of Mines—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Field service—Continued.					
Salaries and wages—Continued.	*Average*—	*Average*—	*Average*—		
	No. *Salary*	*No.* *Salary*	*No.* *Salary*		
Salary range, $1,320 to $1,680; average, $1,500—					
Machinist			1 $1,500		
Assistant clerk			0.3 1,500		
Plumber's helper	1 $1,500	1 $1,500			
Junior clerk	1 1,320	1 1,320			
Salary range, $1,020 to $1,260; average, $1,140—					
Laborer			0.5 1,140		
Electrical helper			0.2 1,140		
Total average number of employees	14.1	14.1	12.6		
Total salaries, field service	36,160	36,160	33,784		
01 Total personal services	61,120.00	61,132.00	58,758.00		
Supplies and materials:					
0200 Stationery and office supplies			100.56		
0210 Medical and hospital supplies			6.68		
0220 Scientific and educational supplies	1,000.00	1,000.00	885.23		
0230 Fuel			87.15		
0280 Sundry supplies	2,000.00	2,005.00	1,976.77		
0290 Materials			128.40		
02 Total supplies and materials	3,000.00	3,005.00	3,184.79		
05 Communication service			19.19		
06 Travel expense	6,980.00	6,163.00	7,430.95		
07 Transportation of things	1,000.00	1,000.00	1,088.26		
08 Photographing and printing			64.91		
10 Furnishing heat, light, power, water, electricity			72.68		
12 Repairs and alterations	500.00	500.00	404.60		
Equipment:					
3000 Passenger-carrying vehicles	1,200.00	1,400.00	1,280.00		
3010 Furniture, furnishings, and fixtures			379.38		
3020 Educational, scientific, and recreational equipment	500.00	500.00	537.51		
3050 Other equipment	700.00	500.00	736.77		
30 Total equipment	2,400.00	2,400.00	2,933.66		
		74,200.00	73,957.04		
Reserve		800.00			
Unobligated balance			1,042.96		
Total	75,000.00	75,000.00	75,000.00		

Helium Production and Conservation, Bureau of Mines—

Helium plants: For helium production and conservation, in accordance with existing law, including acquisition of helium-bearing gas land *or wells* by purchase, *exchange*, lease or condemnation, or interest in such land *or wells*, [$1,063,000, to be immediately available: *Provided*, That not to exceed $563,000 of this amount shall be available for] the purchase, lease, construction, or modification of plants, pipe lines and accessories, compressor stations, camp buildings, and other facilities for the production, transportation, storage, and purification of helium and helium-bearing gas, including acquisition of sites and rights of way *therefor*, by purchase, lease or condemnation, and including supplies and equipment, expenses of travel and subsistence, maintenance and operation of motor-propelled passenger-carrying vehicles, and all other necessary expenses, including not to exceed $6,200 for personal services in the District of Columbia, [$1,063,000] *$462,000: Provided. That in addition thereto the unexpended balance of the appropriation made under this heading for the fiscal year 1928 is reappropriated and made available for the above purposes for the fiscal year 1929: Provided further*, That no part of the appropriation herein made may be expended except with the approval of the President: *Provided, further, That the Secretary of Commerce may, with the approval of the President, enter into contracts incurring additional obligations not in excess of $500,000, and his action in so doing shall be deemed a contractual obligation of the Federal Government: Provided, further, That the acquirement of leases, sites, and rights of way under terms customary in the oil and gas industry, including obligations to pay rental in advance and to pay damages to lands, crops, or structures arising out of the Government's operations is authorized: Provided, further, That should valuable products other than helium-bearing gas be discovered in wells acquired or drilled for helium-bearing gas under this appropriation, the Secretary of Commerce is authorized to provide for the disposal of said wells or the products therefrom, by the contracts under which the property is acquired, or otherwise, in accordance with the interests of the Government therein and in the manner which, in his opinion, is most advantageous to the Government (U. S. C., p. 61, sec. 602; p. 953, secs. 1–11; p. 1698, secs. 161, 163–166; act Feb. 24, 1927, vol. 44, p. 1219)* ..... $462,000.00 | $1,063,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Helium Production and Conservation, Bureau of Mines—Continued.

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Departmental service:						
	Salaries—						
	Clerical, administrative, and fiscal service—	*Average—*		*Average—*		*Average—*	
	Grade 5, $1,860 to $2,400; average, $2,100—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Clerk-auditor	1	$2,200	1	$2,200		
	Grade 4, $1,680 to $2,040; average, $1,860—						
	Clerk	1	1,980	1	1,980		
	Grade 1, $1,140 to $1,500; average, $1,320—						
	Underclerk	1	1,200	1	1,200		
	Custodial service—						
	Grade 2, $900 to $1,140; average, $1,020—						
	Assistant messenger	0.2	900	0.2	900		
	Grade 1, $600 to $720; average, $690—						
	Junior messenger	1	630	1	630		
	Total average number of employees	4.2		4.2			
	Total salaries, departmental service		6,190		6,190		
	Per diem laborers, etc		55,000		169,900		
01	Total salaries and wages		61,190		176,090		
02	Supplies and materials		10,010		10,110		
06	Travel expense		5,000		8,000		
30	Equipment		190,800		3,000		
31	Land and interests in land		125,000		470,000		
32	Structures		70,000		385,800		
	Reserve				10,000		
	Total		462,000		1,063,000		

Investigating Potash Deposits, Bureau of Mines—

For determining the location, extent, and mode of occurrence of potash deposits in the United States, and conducting the necessary laboratory tests incident thereto, as authorized under the act approved June 25, 1926; and for every expense incident thereto, including personal services in the District of Columbia not exceeding $6,000, and elsewhere, expenses of travel and subsistence, purchase, exchange as part payment for, maintenance, and operation of motor-propelled passenger-carrying vehicles, and the construction, maintenance, and repair of necessary camp buildings and appurtenances thereto, $100,000: *Provided*, That such part of the amount herein appropriated as may be mutually agreed upon by the Secretary of the Interior and the Secretary of Commerce shall be transferred on the books of the Treasury for direct expenditure by the Department of the Interior for the purposes herein set forth (*U. S. C., p. 61, sec. 602; p. 953, secs. 1–11; acts June 25, 1926, vol. 44, p. 768; Feb. 24, 1927, vol. 44, p. 1220; Mar. 3, 1927, vol. 44, p. 1388*) ..... $100,000.00 | $100,000.00

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Field service:						
	Salaries and wages—	*Average—*		*Average—*		*Average—*	
	Salary range, $5,200 to $6,000; average, $5,600—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Senior mining engineer	1	$5,200	1	$5,200	0.8	$5,200
	Total average number of employees	1		1		0.8	
01	Total salaries, field service		5,200		5,200		4,160
	Supplies and materials:						
	0230 Fuel						60.12
	0280 Sundry supplies						1,017.86
	0290 Materials						71.00
02	Total supplies and materials		1,150.00		1,150.00		1,148.98
05	Communication service						63.66
06	Travel expense		1,150.00		1,150.00		874.98
07	Transportation of things						223.49
12	Repairs and alterations						292.58
13	Special and miscellaneous, current expenses						40.45
	Equipment:						
	3000 Passenger-carrying vehicles						1,012.25
	3010 Furniture, furnishings, and fixtures						2,564.45
	3020 Educational, scientific, and recreational equipment						10.00
	3050 Other equipment						6.00
30	Total equipment						3,592.70
32	Structures and parts, and nonstructural improvements to land (core drilling)		86,000.00		85,000.00		82,103.16
	Add amount transferred to Department of Interior, Geological Survey		6,500.00		6,500.00		7,500.00
	Reserve				1,000.00		
	Total		100,000.00		100,000.00		100,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Economics of Mineral Industries, Bureau of Mines—		
Economics of mineral industries: For inquiries and investigations, and the dissemination of information concerning the economic problems of the mining, quarrying, metallurgical, and other mineral industries, with a view to assuring ample supplies and efficient distribution of the mineral products of the mines and quarries, including studies and reports relating to uses, reserves, production, distribution, stocks, consumption, prices, and marketing of mineral commodities and primary products thereof; preparation of the reports of the mineral resources of the United States, including special statistical inquiries; statistical studies and reports relating to mine accidents; and including personal services in the District of Columbia and elsewhere; purchase of furniture and equipment; stationery and supplies; typewriting, adding, and computing machines, accessories, and repairs; newspapers; traveling expense; purchase, *not exceeding $1,200*, operation, maintenance, and repair of motor-propelled passenger-carrying vehicles; and for all other necessary expenses not included in the foregoing, [$225,000] *$275,000*, of which amount not to exceed [$155,000] *$219,600* may be expended for personal services in the District of Columbia (*U. S. C., p. 61, sec. 602; p. 953, secs. 1–11; act Feb. 24, 1927, vol. 44, p. 1220*)	$275,000.00	$225,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
Grade 5, $5,200 to $6,000; average, $5,600—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Chief economics branch	1	$6,000	1	$6,000		
Chief mineral technologist	1	5,200	1	5,200		
Mining engineer and analyst	2	5,200				
Grade 4, $3,800 to $5,000; average, $4,400—						
Mining engineer			1	5,000		
Geologist	1	5,000	1	5,000		
Mineral technologist	1	4,800	1	4,800		
Mineral geologist	1	4,600	1	4,600		
Mining engineer	1	4,200	1	4,200		
Economic analyst	1	3,800	1	3,800		
Grade 3, $3,000 to $3,600; average, $3,300—						
Geologist	1	3,100	1	3,100		
Associate mineral economist	6	3,000	1	3,000		
Associate petroleum economist	1	3,000	1	3,000		
Grade 2, $2,400 to $3,000; average, $2,700—						
Geologist	1	2,800	1	2,800		
Statistician	1	2,700	1	2,700		
Assistant economic analyst	3	2,400	2	2,400		
Clerical, administrative, and fiscal service—						
Grade 9, $3,000 to $3,600; average, $3,300—						
Business specialist	1	3,800	1	3,800		
Mine accident statistician	1	3,300	1	3,300		
Clerk	1	3,300	1	3,300		
Grade 7, $2,400 to $3,000; average, $2,700—						
Special agent	1	2,800	1	2,800		
Assistant business specialist	1	2,500	1	2,500		
Grade 6, $2,100 to $2,700; average, $2,400—						
Statistical clerk	2	2,400	1	2,400		
Special agent	2	2,100	1	2,100		
Grade 5, $1,860 to $2,400; average, $2,100—						
Statistical clerk	3	2,200	4	2,200		
Statistical clerk	3	2,100	3	2,100		
Clerk	1	2,100	1	2,100		
Clerk	3	2,000	1	2,000		
Statistical clerk	1	1,920	1	1,920		
Statistical clerk			1	1,860		
Grade 4, $1,680 to $2,040; average, $1,860—						
Statistical clerk	1	2,040	1	2,040		
Clerk			1	1,980		
Clerk	2	1,920	2	1,920		
Clerk	4	1,860	3	1,860		
Clerk			1	1,800		
Clerk	2	1,740	1	1,740		
Clerk	2	1,680				
Grade 3, $1,500 to $1,860; average, $1,680—						
Clerk	1	1,860	1	1,860		
Statistical clerk	3	1,800	3	1,800		
Statistical clerk	1	1,740	1	1,740		
Clerk	2	1,740	2	1,740		
Statistical clerk	1	1,800	1	1,740		
Clerk	4	1,680	4	1,680		
Head typist	1	1,620	1	1,620		
Assistant clerk-stenographer	3	1,560	3	1,560		
Junior special agent	1	1,560	1	1,560		
Statistical clerk	4	1,500				
Assistant clerk	1	1,560				
Grade 2, $1,320 to $1,680; average, $1,500—						
Operative	1	1,560	1	1,560		
Multigraph operator	1	1,500				
Junior clerk	2	1,500				
Statistical clerk	5	1,500				
Junior clerk			1	1,440		
Junior clerk	3	1,320	2	1,320		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Economics of Mineral Industries, Bureau of Mines—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service—Continued.						
Salaries—Continued.						
Clerical, administrative, and fiscal service—Cont'd.	*Average—*		*Average—*		*Average—*	
Grade 1, $1,140 to $1,500; average, $1,320—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Underoperators	2	$1,200	2	$1,200		
Underclerks	2	1,140				
Total average number of employees	94		65			
Total salaries, departmental service		211,700		155,000		
The difference between 1929 and 1928 is due to increase in force, $56,700.						
Field service:						
Salaries and wages—						
Salary range, $3,800 to $5,000; average, $4,400—						
Mineral geographer	1	4,200	1	4,200		
Statistician	1	4,200	1	4,200		
Geologist	1	4,000	1	4,000		
Salary range, $3,000 to $3,600; average, $3,300—						
Associate economic analyst	1	3,300	1	3,300		
Statistician	1	3,200	1	3,200		
Salary range, $1,860 to $2,400; average, $2,100—						
Assistant economic analyst	2	2,400				
Senior clerk	2	2,100	2	2,100		
Clerk	1	1,920	1	1,920		
Salary range, $1,500 to $1,860; average, $1,680—						
Clerk	2	1,800	2	1,800		
Statistical clerk	1	1,680	1	1,680		
Statistical clerk	0.8	1,740	0.8	1,740		
Assistant clerk	1	1,620	1	1,620		
Salary range, $1,320 to $1,680; average, $1,500—						
Junior clerk	4.6	1,320	4.6	1,320		
Salary range, $1,140 to $1,500; average, $1,320—						
Underclerk	0.4	1,200	0.4	1,200		
Total average number of employes	19.8		17.8			
Total salaries and wages, field service		44,661.00		39,864.00		
The difference between 1929 and 1928 is due to increase in force, $4,800.						
01 Total personal services		256,364.00		209,864.00		
02 Supplies and materials		3,566.00		2,166.00		
06 Travel expense		9,330.00		9,030.00		
07 Transportation of things		100.00		100.00		
11 Rents		1,140.00		1,140.00		
30 Equipment		2,000.00		500.00		
Reserve				17,200.00		
Total		275,000.00		225,000.00		

During the fiscal year [1928] *1929* the head of any department or independent establishment of the Government having funds available for scientific investigations and requiring cooperative work by the Bureau of Mines on scientific investigations within the scope of the functions of that bureau and which it is unable to perform within the limits of its appropriations may, with the approval of the Secretary of Commerce, transfer to the Bureau of Mines such sums as may be necessary to carry on such investigations. The Secretary of the Treasury shall transfer on the books of the Treasury Department any sums which may be authorized hereunder, and such amounts shall be placed to the credit of the Bureau of Mines for the performance of work for the department or establishment from which the transfer is made: *Provided*, That any sums transferred by any department or independent establishment of the Government to the Bureau of Mines for cooperative work in connection with this appropriation may be expended in the same manner as sums appropriated herein may be expended (*act Feb. 24, 1927, vol. 44, p. 1217*).

The purchase of supplies and equipment or the procurement of services for the Bureau of Mines, at the seat of government, as well as in the field outside of the District of Columbia, may be made in open market without compliance with section 3709 of the Revised Statutes of the United States, in the manner common among business men, when the aggregate amount of the purchase or the service does not exceed $100 in any instance (*act Feb. 24, 1927, vol. 44, p. 1221*).

For the purchase or exchange of professional and scientific books, law books, and books to complete broken sets, periodicals, directories, and other books of reference relating to the business of the Bureau of Mines, there is hereby made available from any appropriations made for such bureau not to exceed $3,500 (*act Feb. 24, 1927, vol. 44, p. 1221*).

Total, Bureau of Mines	$2,562,080.00	$2,975,150.00
Total, Department of Commerce	37,599,460.00	36,630,450.00

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
CHAPTER V.—DEPARTMENT OF THE INTERIOR		
OFFICE OF THE SECRETARY		
Salaries, Office of the Secretary of the Interior—		
Secretary of the Interior, $15,000; First Assistant Secretary, Assistant Secretary, and other personal services in the District of Columbia in accordance with the classification act of 1923, [$351,600] *$344,200*, in all, [$366,600] *$359,200*: *Provided*, That in expending appropriations or portions of appropriations, contained in this act, for the payment of personal services in the District of Columbia in accordance with the classification act of 1923, the average of the salaries of the total number of persons under any grade in any bureau, office, or other appropriation unit shall not at any time exceed the average of the compensation rates specified for the grade by such act, and in grades in which only one position is allocated the salary of such position shall not exceed the average of the compensation rates for the grade except that in unusually meritorious cases of one position in a grade advances may be made to rates higher than the average of the compensation rates of the grade but not more often than once in any fiscal year and then only to the next higher rate: *Provided*, That this restriction shall not apply (1) to grades 1, 2, 3, and 4 of the clerical-mechanical service, or (2) to require the reduction in salary of any person whose compensation was fixed, as of July 1, 1924, in accordance with the rules of section 6 of such act, (3) to require the reduction in salary of any person who is transferred from one position to another position in the same or different grade in the same or a different bureau, office, or other appropriation unit, or (4) to prevent the payment of a salary under any grade at a rate higher than the maximum rate of the grade when such higher rate is permitted by the classification act of 1923, and is specifically authorized by other law (*U. S. C., p. 55, secs. 481–496; act Jan. 12, 1927, vol. 44, pp. 934, 935*)	$359,200.00	$366,600.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Clerical, administrative, and fiscal service—	*Average*—		*Average*—		*Average*—	
Grade 14, $7,500 and over—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Secretary	1	$15,000	1	$15,000	1	$15,000
Special executive officer—						
First assistant secretary	1	7,500	1	7,500	1	7,500
Assistant secretary	1	7,500	1	7,500	1	7,500
Grade 12, $5,200 to $6,000; average, $5,600—						
Senior administrative officer (administrative assistant)	1	6,000	1	6,000	1	5,800
Grade 11, $3,800 to $5,000; average, $4,400—						
Administrative officer—						
Chief clerk	1	4,600	1	4,600	1	4,400
Executive assistant	1	4,400	1	4,400		
Supervisor of classification	1	4,000	1	4,000	1	4,000
Assistant chief investigator—						
Chief inspector	1	4,800	1	4,800	1	4,600
Inspector			1	4,000	1.3	4,051
Grade 10, $3,300 to $3,900; average, $3,600—						
Junior administrative officer—						
Executive assistant	1	3,300	1	3,300	2	3,687
Chief disbursing clerk	1	[1] 2,700	1	[1] 2,700	1	[1] 2,600
Chief of division	1	3,500	1	3,500	1	3,400
Senior investigator (inspector)	2	3,450	2	3,450	2	3,275
Grade 9, $3,000 to $3,600; average, $3,300—						
Investigator (inspector)	5	3,200				
Grade 8, $2,700 to $3,300; average, $3,000—						
Administrative assistant—						
Chief of division	2	2,900	2	2,900	2	2,900
Deputy disbursing clerk	1	3,000	1	3,000	1	2,850
Private secretary	1	3,000	1	3,000	1	2,850
Assistant traffic manager (traffic manager)	1	3,100	1	3,100	1	3,100
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant—						
Assistant chief of division	1	2,900	1	2,900	1	2,743
Private secretary	1	2,800	1	2,800	1	2,750
Assistant to chief clerk	1	2,600	1	2,600	1	2,450
Clerk	1	2,600	1	2,600	1	2,500
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	3	2,433	3	2,433	3	2,383
Principal clerk-stenographer	4	2,350	4	2,350	2.7	2,372
Transportation rate and traffic auditor	1	2,300	1	2,300	1	2,250
Grade 5, $1,860 to $2,400; average, $2,111.43—						
Senior clerk	11	2,098	11	2,098	9.4	2,093
Senior clerk-stenographer	1	2,100	1	2,100	2.3	2,058
Senior transportation rate and traffic clerk	1	1,920	1	1,920	0.4	1,860

[1] $1,000 additional paid from "Salaries, Architect of the Capitol."

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries, Office of the Secretary of the Interior—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service—Continued.						
Salaries—Continued.						
Clerical, administrative, and fiscal service—Contd.	*Average—*		*Average—*		*Average—*	
Grade 4, $1,680 to $2,040; average, $1,860—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Clerk	23	$1,870	23	$1,870	22.2	$1,864
Clerk-stenographer	2	1,860	2	1,860	1.8	1,925
Transportation rate and traffic clerk	1	1,740	1	1,740	1.6	1,740
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	24	1,662	24	1,662	21.7	1,663
Assistant clerk-stenographer	2	1,620	2	1,620	2.1	1,621
Senior operator, office devices	4	1,605	4	1,605	3	1,660
Head typist	1	1,620	1	1,620	1	1,530
Assistant office draftsman	1	1,680	1	1,680	1	1,650
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	9	1,513	9	1,513	5.5	1,485
Junior clerk-stenographer	2	1,410	2	1,410	1.3	1,329
Junior clerk-typist					0.2	1,320
Senior typist	1	1,500	1	1,500	2.1	1,496
Junior operator, office devices	7	1,491	7	1,491	7.2	1,485
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	4	1,335	4	1,335	3.7	1,360
Underoperator, office devices	22	1,331	25	1,324	11.7	1,231
Professional and scientific service—						
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate medical officer (medical officer)	1	3,000	1	3,000	0.3	3,000
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant medical officer (medical officer)					0.7	2,900
Subprofessional service—						
Grade 2, $1,140 to $1,500; average, $1,320—						
Hospital attendant (matron)	1	1,320	1	1,320	1	1,260
Custodial service—						
Grade 7, $1,680 to $2,040; average, $1,860—						
Senior mechanic	2	1,860	2	1,860	2	1,860
Grade 6, $1,500 to $1,860; average, $1,680—						
Mechanic	2	1,770	2	1,770	1	1,680
Grade 5, $1,320 to $1,680; average, $1,500—						
Junior mechanic	1	1,440	1	1,440	1	1,350
Grade 4, $1,140 to $1,500; average, $1,320—						
Head messenger	2	1,410	2	1,410	2	1,410
Undermechanic	2	1,260	2	1,260	2.2	1,252
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger	14	1,136	14	1,136	12.5	1,137
Senior laborer	7	1,106	7	1,106	6.9	1,102
Minor mechanic	7	1,174	8	1,177	8	1,167
Grade 2, $900 to $1,140; average, $1,020—						
Assistant messenger					0.8	900
Junior laborer	1	960	1	960	1	960
Total average number of employees	186.5		191		167.6	
01 Total salaries, departmental service		359,200.00		[1] 366,600.00		328,117.93
The difference between 1929 and 1928 is due to decrease in force, $7,400.						
Unobligated balance						4,882.07
Total		359,200.00		366,600.00		333,000.00

[1] Including $2,000 reserve, which it is expected will be used.

Salaries, Office of the Solicitor—

For personal services in the District of Columbia in accordance with the classification act of 1923 (*U. S. C., p. 45, sec. 297; acts May 10, 1926, vol. 44, p. 454; Jan. 12, 1927, vol. 44, p. 935*) $116,500.00 $120,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
Grade 6, $6,000 to $7,500; average, $6,750—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Chief attorney (solicitor)	1	$7,000	1	$7,000	1	$6,500
Grade 5, $5,200 to $6,000; average, $5,600—						
Senior attorney (assistant to the solicitor)	1	5,400	1	5,400	1	5,300
Senior attorney (member board of appeals)	3	5,400	3	5,400	3	5,300
Grade 4, $3,800 to $5,000; average, $4,400—						
Attorney	10	4,140	10	4,140	9	4,047
Medical officer	1	4,200	1	4,200	1	4,100
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate attorney	6	3,084	7	3,143	7.3	3,133
Associate medical officer	1	3,200	1	3,200	1	3,150
Subprofessional service—						
Grade 5, $1,680 to $2,040; average, $1,860—						
Library assistant	1	1,860	1	1,860	1	1,860

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries, Office of the Solicitor—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service—Continued.						
Salaries—Continued.						
Clerical, administrative, and fiscal service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 10, $3,300 to $3,900; average, $3,600—Senior accountant and auditor					0.2	$3,300
Grade 7, $2,400 to $3,000; average, $2,700—Junior administrative assistant					0.2	2,800
Grade 6, $2,100 to $2,700; average, $2,400—Principal clerk-stenographer	1	$2,200	1	$2,200	1	2,176
Grade 5, $1,860 to $2,400; average, $2,111.42—Senior clerk	2	2,100	2	2,100	1.9	2,185
Grade 4, $1,680 to $2,040; average, $1,860—Principal stenographer	5	1,848	5	1,848	5.1	1,856
Grade 3, $1,500 to $1,860; average, $1,680—Assistant clerk	1	1,680	1	1,680	1.2	1,607
Grade 2, $1,320 to $1,680; average, $1,500—Junior clerk					0.7	1,560
Grade 1, $1,140 to $1,500; average, $1,320—Underclerk					0.2	1,380
Custodial service—						
Grade 3, $1,020 to $1,260; average, $1,140—Messenger	2	1,140	2	1,140	2	1,140
Total average number of employees	35		36		36.8	
01 Total salaries, departmental service		116,500.00		[1] 120,000.00		118,385.54
Unobligated balance						1,614.46
Total		116,500.00		120,000.00		120,000.00
The difference between 1929 and 1928 is due to decrease in force, $3,500.						

[1] Including $1,000 reserve, which it is expected will be used.

Contingent Expenses, Department of the Interior—

For contingent expenses of the office of the Secretary and the bureaus and offices of the department; furniture, carpets, ice, lumber, hardware, dry goods, advertising, telegraphing, telephone service, including personal services of temporary or emergency telephone operators, street-car fares for use of messengers not exceeding $150; expressage, diagrams, awnings, filing devices, typewriters, adding, addressing, and check-signing machines, and other labor-saving devices, including the repair, exchange, and maintenance thereof; constructing model and other cases and furniture; postage stamps to prepay postage on foreign mail and for special-delivery and air mail stamps for use in the United States; traveling expenses, including necessary expenses of inspectors; fuel and light; examination of estimates for appropriations in the field for any bureau, office, or service of the department; [for the purchase for the use of the Secretary of the Interior, at a cost not to exceed $4,000 of one passenger-carrying automobile to replace one present passenger-carrying automobile which shall be exchanged or traded in part payment thereof;] not exceeding $500 shall be available for the payment of damages caused to private property by department motor vehicles; purchase and exchange of motor trucks, motor cycles, and bicycles; maintenance, repair, and operation of motor-propelled passenger-carrying vehicles and motor trucks, motor cycles, and bicycles to be used only for official purposes; rent of department garage; expense of taking testimony and preparing the same in connection with disbarment proceedings instituted against persons charged with improper practices before the department, its bureaus and offices; *expense of translations;* not exceeding $500 for newspapers, for which payment may be made in advance; stationery, including tags, labels, index cards, cloth-lined wrappers, and specimen bags, printed in the course of manufacture, and such printed envelopes as are not supplied under contracts made by the Postmaster General, for the department and its several bureaus and offices, and other absolutely necessary expenses not hereinbefore provided for, [$125,000] *$118,000;* and, in addition thereto, sums amounting to [$78,500] *$76,000, for stationery supplies* shall be deducted from other appropriations made for the fiscal year [1928] *1929*, as follows: Surveying public lands, [$3,500] *$2,500;* protecting public lands and timber, [$2,000] *$1,500;* contingent expenses, local land offices, [$3,500] *$2,500;* Geological Survey, $4,500; Indian Service, [$38,000] *$42,000;* Freedmen's Hospital, $1,000; Saint Elizabeths Hospital, $3,000; National Park Service, [$5,000] *$4,000;* Bureau of Reclamation, [$18,000] *$15,000,* any unexpended portion of which shall revert and be credited to the reclamation fund; and said sums so deducted shall be credited to and constitute, together with the first-named sum of [$125,000] *$118,000*, the total appropriation for contingent expenses for the department and its several bureaus and offices for the fiscal year [1928] *1929* (*U. S. C., p. 1019, sec. 669; p. 1020, sec. 678; act Jan. 12, 1927, vol. 44, p. 935*) ..... $118,000.00 | $125,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Contingent Expenses, Department of the Interior—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Supplies and materials:			
0201	Stationery, including paper, envelopes, index cards and folders, blotting paper, binders' board, mailing supplies, and carbon paper	$68,000.00	$73,000.00	$68,117.12
0202	Sundry office supplies, including pens, pencils, eradicators, ink, binders, rubber stamps, paste, sheeting for mounting maps	35,500.00	38,500.00	34,125.54
0203	Drafting and artists' supplies, including blueprint paper, drawing and tracing cloth, ink, compasses, etc	15,000.00	16,000.00	15,677.55
0204	Photostat supplies and photographic supplies	5,500.00	5,500.00	5,004.02
0205	Cleaning and toilet supplies	1,100.00	1,100.00	1,103.41
0210	Medical and laboratory supplies	200.00	200.00	130.18
0222	Newspapers (including press clippings)	500.00	500.00	390.83
0235	Special and miscellaneous fuel	400.00	400.00	368.94
0236	Gasoline and oil for operation of motor vehicles	1,500.00	1,500.00	1,486.96
0282	Mechanics', engineers', and electricians' supplies	500.00	500.00	504.35
0284	Miscellaneous supplies (not otherwise classified)	2,000.00	2,000.00	2,081.30
0294	Lumber and wood products	1,000.00	1,000.00	6,077.21
0296	Paints and painters' materials	100.00	100.00	30.36
02	Total supplies and materials	131,300.00	140,300.00	135,097.77
	Communication service:			
0500	Telegraph service	500.00	500.00	465.77
0510	Telephone service	10,700.00	10,700.00	12,659.92
0521	Postal service	600.00	600.00	522.50
05	Total communication service	11,800.00	11,800.00	13,648.19
	Travel expenses:			
0613	Transportation	9,000.00	9,000.00	3,321.07
0616	Subsistence	7,600.00	7,600.00	2,130.79
0690	Special and miscellaneous expenses not specified	200.00	200.00	----------
06	Total travel expenses	16,800.00	16,800.00	5,451.86
07	Transportation of things (service)	100.00	100.00	85.13
10	Electricity	100.00	100.00	51.46
11	Rent	1,800.00	1,800.00	1,800.00
	Repairs and alterations:			
1280	Machinery and equipment	1,000.00	1,000.00	605.59
1281	Motor vehicles, bicycles, etc	1,000.00	1,000.00	829.10
1282	Office machines, furniture, and fixtures	4,000.00	4,000.00	2,532.95
12	Total repairs and alterations	6,000.00	6,000.00	3,967.64
13	Laundry and towel service	500.00	500.00	498.34
	Equipment:			
3002	Motor vehicles (passenger carrying)	----------	3,849.00	1,060.00
3010	Furniture, furnishings, filing cases, and fixtures	14,500.00	14,500.00	13,580.86
3017	Office machines and devices	15,400.00	15,651.00	14,522.54
3021	Library stock	900.00	900.00	600.00
3022	Surgical, laboratory, and photographic equipment	600.00	600.00	1,757.26
3053	Bicycles, trucks, valises, and other transportation equipment	200.00	200.00	118.91
30	Total equipment	31,600.00	35,700.00	31,639.57
53	Refund of amount deposited before the payment of just and legal charges against the same	----------	----------	8,500.00
		200,000.00	213,100.00	200,739.96
	Less amounts expended from other appropriations	76,000.00	78,500.00	79,500.00
		124,000.00	134,600.00	121,239.96
	Repayments	6,000.00	11,600.00	16,977.55
		118,000.00	123,000.00	104,262.41
	Unobligated balance	----------	----------	2,737.59
	Reserve	----------	2,000.00	----------
	Total	118,000.00	125,000.00	107,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Contingent Expenses, Department of the Interior—Continued.

Itemized statement of actual and estimated repayments to contingent expenses, Department of the Interior, in the fiscal years 1927, 1928, and 1929.

	1929	1928	1927
Public Buildings Commission			$5,314.81
Bureau of Education	$50.00	$50.00	43.84
Bureau of Reclamation	700.00	700.00	695.09
Bureau of Pensions	700.00	700.00	680.68
Federal Power Commission	1,000.00	1,000.00	981.79
General Land Office	50.00	50.00	36.39
Employees Compensation Commission	250.00	250.00	247.43
Public Buildings and Public Parks	250.00	250.00	246.68
General Accounting Office			77.98
Treasury Department	200.00	200.00	1,877.77
Department of Agriculture	15.00	15.00	12.99
Commission of Fine Arts	15.00	15.00	12.99
Civil Service Commission	300.00	300.00	305.37
Bureau of Indian Affairs	1,850.00	7,350.00	5,720.81
Federal Oil Conservation Board	150.00	150.00	133.84
Board of Indian Commissioners	100.00	100.00	103.86
Geological Survey	150.00	150.00	112.58
St. Elizabeths Hospital	20.00	20.00	20.86
Department of Commerce			24.65
Seville Exposition		100.00	85.49
Pan Pacific Conference			52.10
Appropriation for United States maps	200.00	200.00	189.55
Total	6,000.00	11,600.00	16,977.55

NOTE.—The supplies for which the above repayments were collected consist chiefly of stationery and miscellaneous articles and telephone service.

For the purchase or exchange of professional and scientific books, law and medical books, and books to complete broken sets, periodicals, directories, and other books of reference relating to the business of the department by the several offices and bureaus of the Interior Department herein named, there is hereby made available from any appropriations made for such bureau or office not to exceed the following respective sums: Office of the Secretary, $900; Indian Service, $200; Bureau of Education, [$1,250] *$1,400*; Bureau of Reclamation, $1,500; Geological Survey, $2,000; National Park Service, $500; General Land Office, $500.

[The purchase of supplies and equipment or the procurement of services for the Department of the Interior, the bureaus and offices thereof, Howard University, and the Columbia Institution for the Deaf, at the seat of government, as well as those located in the field outside the District of Columbia, may be made in open market without compliance with sections 3709 and 3744 of the Revised Statutes of the United States, in the manner common among business men, when the aggregate amount of the purchase or the service does not exceed $100 in any instance.]

Printing and Binding, Department of the Interior—

[For printing and binding for the Department of the Interior, including all of its bureaus. offices, institutions, and services in Washington, District of Columbia, and elsewhere, except the Alaska Railroad, the National Park Service, and the Geological Survey, $107,000, of which $42,500 shall be for the Bureau of Education.

For the Alaska Railroad, not to exceed $7,000 of the amount appropriated herein for maintenance and operation of railroads in Alaska shall be available for printing and binding.

For the National Park Service: For printing and binding, $27,000.

For the United States Geological Survey: For engraving the illustrations necessary for the annual report of the director and for the monographs, professional papers, bulletins, water-supply papers, and for printing and binding the same publications, of which sum not more than $45,000 may be used for engraving, $109,000; for miscellaneous printing and binding, $11,000; in all, $120,000] $254,000.00

For printing and binding for the Department of the Interior, including all of its bureaus, offices, institutions, and services in the District of Columbia and elsewhere, except the Alaska Railroad and the Bureau of Reclamation, $256,500, of which $27,000 shall be for the National Park Service, $45,000 for the Bureau of Education, and $120,000 for the Geological Survey, of which latter amount not more than $25,000 may be used for engraving (U. S. C., pp. 55, 56, secs. 481–496; act Jan. 12, 1927, vol. 44, p. 936) $256,500.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), data of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Printing and Binding, Department of the Interior—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
0800	Printing and binding, publications	$210,400.00	$204,000.00	$177,798.25
02011	Printed forms, letterheads, blank books, cards, etc	46,100.00	45,831.75	56,780.45
	Unobligated balance		249,831.75	234,578.70
	Reserve		4,160.00	421.30
	Total	256,500.00	253,991.75	235,000.00

Statement showing, by major units, amounts estimated for printing and binding for 1929, estimated expenditures for 1928, and expenditures for 1927

Bureau or office	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expenditures, 1927
Office of the Secretary	$13,000.00	$16,591.75	$14,890.20
General Land Office	17,000.00	14,500.00	18,972.69
Office of Indian Affairs	17,500.00	16,500.00	20,000.00
Bureau of Pensions	13,400.00	13,700.00	15,000.00
St. Elizabeths Hospital	2,440.00	2,200.00	2,450.00
Freedman's Hospital	1,000.00	900.00	930.72
Government Territory of Alaska	60.00	30.00	57.31
Government Territory of Hawaii	60.00	30.00	42.74
Board of Indian Commissioners	40.00	40.00	35.04
	64,500.00	64,491.75	72,378.70
National Park Service	27,000.00	27,000.00	25,000.00
Geological Survey:			
Publications and illustrations	120,000.00	109,000.00	81,000.00
Miscellaneous		11,000.00	10,700.00
Bureau of Education	45,000.00	42,500.00	45,500.00
Total	256,500.00	253,991.75	234,578.70

NOTE.—Estimates for printing and binding not included in above estimates are included in appropriations, as follows:

Alaska railroad fund	$7,500
Reclamation fund	25,000
Irrigation, Indian reservations (reimbursable)	500
Opening Indian reservations	40
Deposits by individuals for surveying public lands	200
Surveying within land grants (reimbursable)	50
Volcanologic reports in Hawaii	50
Relieving distress and prevention, etc., of diseases among the Indians, 1929	1,000

Total under Office of the Secretary — $850,200.00 — $865,600.00

GENERAL LAND OFFICE

Salaries, General Land Office—

For Commissioner of the General Land Office and other personal services in the District of Columbia in accordance with the classification act of 1923, [$700,000] *$675,000*: *Provided*, That the depositary acting for the commissioner as receiver of public moneys may, with the approval of the commissioner, designate a clerk of the General Land Office to act as such depositary in his absence. One clerk of grade 1, clerical, administrative, and fiscal service, who shall be designated by the President, to sign land patents (*U. S. C., p. 1325, sec. 1; act Jan. 12, 1927, vol. 44, p. 936*) — 675,000.00 — 700,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Clerical administrative, and fiscal service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade, 13, $6,000 to $7,500; average, $6,750—						
Executive officer (commissioner)	1	$7,500	1	$7,500	1	$7,000
Grade 12, $5,200 to $6,000; average, $5,600—						
Senior administrative officer (assistant commissioner)	1	5,400	1	5,400	1	5,200
Grade 11, $3,800 to $5,000; average, $4,400—						
Administrative officer—						
Supervisor	1	4,200	1	4,100	1	4,000
Assistant chief inspector	1	4,200	1	4,100	1	1,000

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries, General Land Office—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service—Continued.						
Salaries—Continued.						
Clerical, administrative, and fiscal service—Con.	*Average—*		*Average—*		*Average—*	
Grade 10, $3,300 to $3,900; average, $3,600—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Junior administrative officer (chief clerk)	1	$3,400	1	$3,400	1	$3,300
Grade 9, $3,000 to $3,600; average, $3,300—						
Senior administrative assistant—						
Chief of division	7	3,172	7	3,122	7	3,071
Law examiner	1	3,200	1	3,150	1	3,100
Grade 8, $2,700 to $3,300; average, $3,000—						
Administrative assistant—						
Assistant chief of division	6	2,867	6	2,834	6	2,800
Law examiner	4	2,850	4	2,850	5	2,820
Associate investigator (inspector of district land offices)	1	2,800	1	2,800	1	2,800
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant—						
Chief of division (mail and files)	1	2,900	1	2,850	1	2,750
Assistant chief clerk	1	2,600	1	2,600	1	2,450
Assistant chief of division	1	2,600	1	2,550	1	2,450
Law examiner	34	2,614	36	2,607	30.5	2,596
Chief clerk, Federal Power Commission			1	2,800	0.4	2,800
Grade 6, $2,100 to $2,700; average $2,400—						
Principal clerk	25	2,332	25	2,320	26	2,207
Principal clerk, Federal Power Commission			1	2,400	1	2,400
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	33	2,051	34	2,046	32.9	2,007
Head stenographer	2	2,150	2	2,150	1.1	2,242
Senior clerk-stenographer	1	2,200	1	2,200	1	2,200
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	61	1,814	62	1,812	51.7	1,832
Principal stenographer	9	1,827	9	1,820	8	1,800
Clerk-stenographer	2	1,920	2	1,920	1.9	1,887
Clerk, Federal Power Commission			1	1,860		
Grade 3, $1,500 to $1,860, average, $1,680—						
Assistant clerk	28	1,689	28	1,689	51.7	1,690
Senior stenographer	8	1,643	8	1,643	8	1,648
Head typist	1	1,740	1	1,740	1	1,710
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	27	1,500	30	1,500	29.6	1,509
Junior clerk-stenographer	1	1,500	1	1,500	1.7	1,482
Junior stenographer	2	1,320	2	1,320	3.9	1,377
Senior typist	6	1,488	6	1,488	5.2	1,503
Grade 1, $1,140 to $1,560; average, $1,320—						
Underclerk	19	1,320	20	1,326	20	1,316
Junior typist					0.9	1,380
Professional and scientific service—						
Grade 4, $3,800 to $5,000; average, $4,400—						
Attorney	2	4,400	2	4,300	2	4,200
Engineer (cadastral, chief of division)	1	3,800	1	3,800	1	3,800
Engineer (cadastral)	1	3,800	1	3,800	1	3,800
Engineer, Federal Power Commission			0.5	4,000	0.5	4,000
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate attorney	7	3,243	7	3,193	7	3,133
Associate engineer (cadastral, assistant chief of division)	1	3,100	1	3,050	1	3,000
Associate engineer (cadastral)	4	3,150	4	3,100	3.9	3,081
Associate engineer (cartographic)	1	3,100	1	3,050	1	3,000
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant engineer (cartographic)	2	2,550	2	2,500	1.4	2,464
Subprofessional service—						
Grade 8, $2,400 to $3,000; average, $2,700—						
Chief lithographer, artistic (engraver)	1	2,800	1	2,750	1	2,650
Grade 7, $2,100 to $2,700; average, $2,400—						
Principal engineering draftsman	2	2,300	2	2,275	2	2,128
Grade 6, $1,860 to $2,400; average, $2,111.42—						
Senior engineering draftsman	3	1,960	3	1,933	2.9	1,876
Grade 5, $1,680 to $2,040; average, $1,860—						
Engineering draftsman	1	1,680	1	1,680	1	1,680
Custodial service—						
Grade 4, $1,140 to $1,500; average, $1,320—						
Head messenger	1	1,500	1	1,470	1	1,350
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger	11	1,140	11	1,140	12.6	1,112
Grade 2, $900 to $1,140; average, $1,020—						
Junior laborer					0.7	900
Total average number of employees	324		335.5		344.5	
01 Total salaries, departmental service		675,000		695,852		694,552
The difference between 1929 and 1928 is due to—						
Decrease in force	$24,060					
Increase in salaries (to cover additional cost in 1929 of increases effective during second half of 1928)	3,208					
Net decrease	20,852					
Unobligated balance						5,448
Reserve				4,148		
Total		675,000		700,000		700,000

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
General Expenses, General Land Office— For traveling expenses of officers and employees, including employment of stenographers and other assistants when necessary; for separate maps of public-land States and Alaska, including maps showing areas designated by the Secretary of the Interior under the enlarged homestead acts, prepared by the General Land Office; for the reproduction by photolithography or otherwise of official plats of surveys; for expenses of restoration to the public domain of lands in forest reserves and of lands temporarily withdrawn for forest-reserve purposes; and for expenses of hearings or other proceedings held by order of the General Land Office to determine the character of lands, whether alleged fraudulent entries are of that character or have been made in compliance with the law, and of hearings in disbarment proceedings, [$22,000] *$20,000*: *Provided*, That where depositions are taken for use in such hearings the fees of the officer taking them shall be 25 cents per folio for taking and certifying same and 5 cents per folio for each copy furnished to a party on request (*act Jan. 12, 1927, vol. 44, p. 937*)	$20,000.00	$22,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
01	Personal services (fees of witnesses)	$2,300.00	$2,500.00	$2,353.75
06	Travel expenses (including mileage and subsistence of witnesses in land hearings)	4,000.00	4,400.00	4,090.01
	Lithographing and typewriting:			
0810	Lithographing maps and plats	8,300.00	8,300.00	8,197.77
0820	Stenographic work (taking testimony in land hearings)	5,000.00	5,300.00	5,166.81
08	Total lithographing and typewriting	13,300.00	13,600.00	13,364.58
09	Publication of notices (service)	400.00	500.00	413.33
			21,000.00	20,221.67
	Unobligated balance			6,078.33
	Reserve		1,000.00	
	Total	20,000.00	22,000.00	26,300.00

Maps of the United States— For connected and separate United States and other maps, prepared in the General Land Office, $50, all of which maps shall be delivered to the Senate and House of Representatives, except 10 per centum, which shall be delivered to the Commissioner of the General Land Office for official purposes. All maps delivered to the Senate and House of Representatives hereunder shall be mounted with rollers ready for use (*act Jan. 12, 1927, vol. 44, p. 937*) — 50.00 — 50.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
01	Personal services (mounting, bundling, etc.)			$1,370.94
02	Sundry supplies (rollers, tape, tacks, etc.)	$50.00		7,022.42
				8,393.36
	Add amount transferred to United States Geological Survey			6,587.69
				14,981.05
	Unexpended balance			18.95
	Reserve		$50.00	
	Total	50.00	50.00	15,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Surveying the Public Lands—		
Surveying public lands: For surveys and resurveys of public lands, examination of surveys heretofore made and reported to be defective or fraudulent, inspecting mineral deposits, coal fields, and timber districts, making fragmentary surveys, and such other surveys or examinations as may be required for identification of lands for purposes of evidence in any suit or proceeding in behalf of the United States, under the supervision of the Commissioner of the General Land Office and direction of the Secretary of the Interior, [$800,000] *$750,000, of which amount not to exceed $20,000* [*Provided*, That the sum of not exceeding 10 per centum of the amount hereby appropriated] may be expended by the Commissioner of the General Land Office, with the approval of the Secretary of the Interior, for the purchase of metal or other equally durable monuments to be used for public-land survey corners wherever practicable: *Provided further*, That not to exceed $10,000 of this appropriation may be expended for salaries of employees of the field surveying service temporarily detailed to the General Land Office: *Provided further*, That not to exceed $15,000 of this appropriation may be used for the survey, classification, and sale of the lands and timber of the so-called Oregon and California Railroad lands and the Coos Bay Wagon Road lands: *Provided further*, That not to exceed $50,000 of this appropriation may be used for surveys and resurveys, under the rectangular system provided by law, of public lands deemed to be valuable for oil and oil shale: *Provided further*, That no part of this appropriation shall be available for surveys or resurveys of public lands in any State which, under the act of August 18, 1894 (Twenty-eighth Statutes, page 395), advances money to the United States for such purposes for expenditure during the fiscal year [1928] *1929* [: *Provided further*, That whenever the Commissioner of the General Land Office shall find that the expense of travel can be reduced thereby, he may, in lieu of actual operating expenses, under such regulations as he may prescribe, authorize the payment of not to exceed 7 cents per mile for an automobile used on official business]: *Provided further*, That this appropriation may be expended for surveys made under the supervision of the Commissioner of the General Land Office, but when expended for surveys that would not otherwise be chargeable hereto it shall be reimbursed from the applicable appropriation, fund, or special deposit (*act Jan. 12, 1927, vol. 44, p. 937*)	$750,000.00	$800,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $5,200 to $6,000; average, $5,600—						
Supervisor of surveys	1	$5,200	1	$5,200	1	$5,200
Salary range, $3,800 to $5,000; average, $4,400—						
Associate supervisor of surveys	1	4,000	1	4,000	0.8	4,000
Administrative cadastral engineer	1	4,000	1	4,000	1	4,000
District cadastral engineer	9	4,000	9	4,000	8	4,000
Cadastral engineer					1	3,800
Salary range, $3,300 to $3,900; average, $3,600—						
Cadastral engineer					0.9	3,500
Senior accountant and auditor	1	3,400	1	3,400	1	3,400
Salary range, $3,000 to $3,600; average, $3,300—						
Office cadastral engineer	10	3,060	10	3,060	9	3,056
Cadastral engineer	42	3,068	43	3,068	46.5	3,015
Draftsman	1	3,000	1	3,000	1	3,000
Salary range, $2,700 to $3,300; average, $3,000—						
Draftsman	1	2,700	1	2,700	0.7	2,700
Associate accountant and auditor	2	2,800	2	2,800	2	2,800
Salary range, $2,400 to $3,000; average, $2,700—						
Surveyor	18	2,484	19	2,484	19.6	2,427
Draftsman	11	2,446	11	2,446	10.3	2,410
Timber cruiser	1	2,700	1	2,700	1	2,700
Clerk	1	2,400	1	2,400	1	2,400
Salary range, $2,100 to $2,700; average, $2,400—						
Draftsman	3	2,167	3	2,167	2.4	2,158
Clerk	2	2,400	2	2,400	2	2,350
Salary range, $1,860 to $2,400; average, $2,100—						
Transitman	23	2,014	24	2,014	21	1,974
Draftsman	19	2,073	19	2,073	19	2,044
Clerk	6	1,913	6	1,913	6	1,905
Salary range, $1,680 to $2,040; average, $1,860—						
Clerk	5	1,812	6	1,812	7	1,783
Salary range, $1,500 to $1,860; average, $1,680—						
Draftsman	1	1,680	1	1,680	1	1,620
Clerk	4	1,650	4	1,650	4.2	1,581
Salary range, $1,320 to $1,680; average, $1,500—						
Clerk	1	1,440	2	1,440	3	1,440
Salary range, $1,140 to $1,500; average, $1,320—						
Clerk	1	1,320	1	1,320	1	1,260
Miscellaneous and temporary services	192	800	213	800	209.5	800
Total average number of employees	357		383		380.9	
01 Total salaries and wages, field service		582,200.00		609,800.00		605,785.06
The difference between 1929 and 1928 is due to decrease in force, $27,600.						

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Estimated expenditures, 1930 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Surveying the Public Lands—Continued.					
Supplies and materials:					
0200 Stationery and office supplies	$100.00	$100.00	$42.01		
0230 Fuel	7,000.00	8,000.00	7,963.20		
0250 Forage and other supplies for animals	9,000.00	12,000.00	10,003.20		
0260 Provisions	58,000.00	70,000.00	63,891.55		
0280 Sundry supplies	1,400.00	2,000.00	1,697.16		
02 Total supplies and materials	75,500.00	92,100.00	83,597.12		
03 Subsistence and support of persons (service)	22,000.00	29,000.00	26,059.29		
04 Subsistence and care of animals (service)	5,000.00	6,000.00	6,087.00		
Communication service:					
0500 Telegraph service	300.00	500.00	330.52		
0510 Telephone service	1,200.00	1,200.00	1,193.95		
05 Total communication service	1,500.00	1,700.00	1,524.47		
06 Travel expenses	18,000.00	25,000.00	22,425.81		
07 Transportation of things (service)	9,000.00	11,500.00	9,295.97		
08 Printing and binding and lithographing (service)	2,000.00	2,500.00	2,543.92		
09 Advertising and publication of notices (service)	1,500.00	1,600.00	1,642.17		
Rents:					
1100 Rent of buildings	2,400.00	2,500.00	2,466.87		
1110 Other rents	30,000.00	30,000.00	31,958.32		
11 Total rents	32,400.00	32,500.00	34,425.19		
12 Repairs and alterations	12,000.00	13,000.00	16,426.29		
13 Miscellaneous current expenses	3,500.00	4,000.00	4,991.21		
Equipment:					
3010 Furniture, furnishings, and fixtures	5,500.00	6,600.00	6,595.11		
3020 Scientific equipment	4,000.00	3,400.00	8,773.67		
3040 Livestock	400.00	400.00	770.00		
3050 Other equipment	13,000.00	13,400.00	13,237.99		
30 Total equipment	22,900.00	23,800.00	29,376.77		
32 Structures (iron posts)	20,000.00		20,000.00		
	807,500.00	852,500.00	864,180.27		
Add amounts transferred to other departments and establishments:					
Interior department (stationery)	2,500.00	3,500.00	3,500.00		
	810,000.00	856,000.00	867,680.27		
Deduct amounts received from the following sources:					
Deposits by individuals for surveying public lands	27,000.00	27,000.00	23,414.10		
Surveying within land grants (reimbursable)	13,000.00	13,000.00	12,586.05		
Surveying and allotting Indian reservations (reimbursable)	20,000.00	20,000.00	21,660.97		
Enrollment, allotments, etc., Northern Cheyenne Reservation, Mont			20,042.04		
Special deposits			466.44		
	60,000.00	60,000.00	78,169.60		
Net total	750,000.00	796,000.00	789,510.67		
Unobligated balance			20,489.33		
Reserve		4,000.00			
Total	750,000.00	800,000.00	810,000.00		
Salaries and Commissions of Registers— Registers: For salaries and commissions of registers of district land offices, at not exceeding $3,000 per annum each, [$100,000] *$70,000* (*U. S. C., p. 1329, sec. 72; act Jan. 12, 1927, vol. 44, p. 938*)				$70,000.00	$100,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
Salary range, $3,000 maximum—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Register, district land offices	24	$2,917	27	$2,889	39	$2,754
01 Total salaries and wages	70,000.00		78,000.00		107,416.59	
Unobligated balance					2,583.41	
Reserve			22,000.00			
Total	70,000.00		100,000.00		110,000.00	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Contingent Expenses of Land Offices—		
Contingent expenses of land offices: For clerk hire, rent, and other incidental expenses of the district land offices, including the expenses of depositing public money; traveling expenses of clerks detailed to examine the books and management of district land offices and to assist in the operation of said offices and in the opening of new land offices and reservations, and for traveling expenses of clerks transferred in the interest of the public service from one district land office to another: *Provided*, That no expenses chargeable to the Government shall be incurred by registers in the conduct of local land offices except upon previous specific authorization by the Commissioner of the General Land Office, [$245,000] *$193,000* (*U. S. C., p. 1333, sec. 129; act Jan. 12, 1927, vol. 44, p. 938*)	$193,000.00	$245,000.00

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
		Average—		Average		Average—	
		No.	Salary	No.	Salary	No.	Salary
	Field service:						
	Salaries and wages—						
	Salary range, $2,100 to $2,700; average, $2,400—						
	Clerk (Alaska)	1	$2,700	1	$2,700	1	$2,700
	Salary range, $1,860 to $2,400; average, $2,100—						
	Clerk	13	2,014	13	2,014	12.4	1,988
	Salary range, $1,680 to $2,040; average, $1,860—						
	Clerk	34	1,901	38	1,901	46	1,864
	Salary range, $1,500 to $1,860; average, $1,680—						
	Clerk	31	1,666	35	1,666	43.2	1,610
	Salary range, $1,320 to $1,680; average, $1,500—						
	Clerk	12	1,470	12	1,470	16.1	1,400
	Total average number of employees	91		99		118.7	
01	Total salaries and wages, field service		162,800.00		177,000.00		205,163.54
	The difference between 1929 and 1928 is due to decrease in force, $14,200.						
02	Sundry supplies		100.00		100.00		96.64
	Communication service:						
0509	Telegraph service		350.00		350.00		315.05
0510	Telephone service		1,450.00		1,450.00		2,360.97
0520	Registration of notices		10,700.00		10,500.00		10,475.07
05	Total communication service		12,500.00		12,300.00		13,151.09
	Travel expenses:						
0615	Transportation		1,900.00		1,850.00		1,874.87
0616	Subsistence		1,500.00		1,450.00		1,417.00
06	Total travel expenses		3,400.00		3,300.00		3,291.87
07	Transportation of things (service)		2,500.00		2,500.00		2,500.22
09	Advertising and publication of notices (service)		2,500.00		2,500.00		3,514.04
10	Furnishing of light (service)		40.00		40.00		37.39
11	Rent of office buildings		5,580.00		5,580.00		11,338.00
12	Repairs and alterations		350.00		350.00		333.25
13	Special and miscellaneous current expenses		30.00		30.00		41.64
	Equipment:						
3010	Furniture, furnishings, and fixtures		200.00		300.00		229.98
3020	Educational equipment		500.00		500.00		498.40
30	Total equipment		700.00		800.00		728.38
			190,500.00		204,500.00		240,196.06
	Add amounts transferred to Interior Department for stationery		2,500.00		3,500.00		3,500.00
			193,000.00		208,000.00		243,696.06
	Unobligated balance						6,303.94
	Reserve				37,000.00		
	Total		193,000.00		245,000.00		250,000.00

Protecting Public Lands, Timber, etc.—			
Depredations on public timber, protecting public lands, and settlement of claims for swamp land and swamp-land indemnity: For protecting timber on the public lands, and for the more efficient execution of the law and rules relating to the cutting thereof; protecting public lands from illegal and fraudulent entry or appropriation, adjusting claims for swamp lands and indemnity for swamp lands; and traveling expenses of agents and others employed hereunder, $430,000, including not exceeding [$35,000] *$40,000* for the purchase of motor-propelled passenger-carrying vehicles for the use of agents and others employed in the field service and for operation, maintenance, and exchange of same and for operation and maintenance of a motor boat, and including [$25,000] *$20,000* for prevention, and *$20,000 for* fighting, of forest and other fires on the public lands [to be available for this and no other purpose, and to be expended under the direction of the commissioner] (*act Jan. 12, 1927, vol. 44, p. 938*)	430,000.00	430,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Protecting Public Lands, Timber, etc.—Continued.

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Field service:						
	Salaries and wages—	*Average—*		*Average—*		*Average—*	
		No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Salary range, $3,300 to $3,900; average, $3,600—						
	Division inspector (Alaska)	1	$3,400	1	$3,400	1	$3,300
	Salary range, $3,000 to $3,600; average, $3,300—						
	Division inspector	6	3,100	6	3,100	7.8	3,000
	Salary range, $2,700 to $3,300; average, $3,000—						
	Inspector	31	2,679	32	2,769	32.8	2,700
	Salary range, $2,400 to $3,000; average, $2,700—						
	Inspector	25	2,520	6	2,520	2	2,407
	Special disbursing agent					0.9	2,400
	Salary range, $2,100 to $2,700; average, $2,400—						
	Inspector	12	2,264	14	2,264	14.6	2,140
	Clerk (Alaska)	1	2,500	1	2,500	1	2,200
	Salary range, $1,860 to $2,400; average, $2,100—						
	Inspector	3	2,133	3	2,133	3	2,050
	Clerk	4	2,125	4	2,125	3.1	1,930
	Salary range, $1,680 to $2,040; average, $1,860—						
	Clerk	3	1,785	4	1,785	4	1,725
	Salary range, $1,500 to $1,860; average, $1,680—						
	Clerk	4	1,644	5	1,644	7.2	1,560
	Salary range, $1,320 to $1,680; average, $1,500—						
	Clerk	8	1,402	11	1,402	12.4	1,356
	Miscellaneous and temporary services as follows:						
	Guides and other assistants to inspectors	1	1,500	1	1,500	0.6	1,500
	Persons to the number of several hundred employed for several days as occasion requires to fight forest fires at approximately 40 cents per hour	16	1,200	9	1,200	9.9	1,200
	Persons employed as fire patrols during forest-fire season to prevent fires	14	1,440	8	1,440	7.3	1,440
	Total average number of employees	129		125		127.6	
01	Total salaries and wages, field service		279,900.00		279,900.00		274,099.61
	Supplies and materials:						
0200	Stationery and office supplies		200.00		200.00		197.09
0220	Scientific and educational supplies		50.00		50.00		30.81
0230	Fuel (gasoline)		10,500.00		9,000.00		8,898.63
0260	Provisions		700.00		700.00		691.92
0280	Sundry supplies (principally lubricating oil)		2,300.00		2,000.00		1,973.63
02	Total supplies and materials		13,750.00		11,950.00		11,792.08
03	Subsistence and support of persons (service)		100.00		100.00		78.53
04	Storage and care of vehicles (service)		4,000.00		4,000.00		3,170.77
	Communication service:						
0500	Telegraph service		1,000.00		1,000.00		962.57
0510	Telephone service		1,280.00		1,280.00		1,280.01
0520	Other communication service		250.00		250.00		233.19
05	Total communication service		2,530.00		2,530.00		2,475.77
	Travel expenses:						
0615	Transportation		28,500.00		30,000.00		27,944.66
0616	Subsistence		69,000.00		69,000.00		65,773.38
06	Total travel expenses		97,500.00		99,000.00		93,718.04
07	Transportation of things (service)		2,000.00		2,000.00		1,470.18
08	Photographing, and photographs and prints		520.00		520.00		521.82
11	Rent of office buildings		1,000.00		1,000.00		1,781.00
12	Repairs and alterations		14,700.00		14,000.00		12,755.41
13	Special and miscellaneous current expenses		50.00		50.00		30.55
	Equipment:						
3000	Passenger-carrying vehicles		11,500.00		11,000.00		8,805.04
3010	Furniture, furnishings, and fixtures		750.00		750.00		746.07
3020	Educational and scientific equipment		100.00		100.00		84.34
3050	Other equipment		100.00		100.00		93.90
30	Total equipment		12,450.00		11,950.00		9,729.35
			428,500.00		427,000.00		411,623.11
	Add amounts transferred to Interior Department for stationery		1,500.00		2,000.00		2,000.00
			430,000.00		429,000.00		413,623.11
	Unobligated balance						16,376.89
	Reserve				1,000.00		
	Total		430,000.00		430,000.00		430,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Opening Indian Reservations (Reimbursable)—		
Opening Indian reservations (reimbursable): For expenses pertaining to the opening to entry and settlement of such Indian reservation lands as may be opened during the fiscal year [1928] *1929*: *Provided*, That the expenses pertaining to the opening of each of said reservations and paid for out of this appropriation shall be reimbursed to the United States from the money received from the sale of the lands embraced in said reservations, respectively (*act Jan. 12, 1927, vol. 44, p. 938*)	$500.00	$500.00
06 Travel expenses: Expenditures—1929, $500; 1928, $500; 1927 (unobligated balance), $1,000.		
Total annual appropriations under General Land Office	2,138,550.00	2,297,550.00
Indefinite appropriations:		
Repayment for Lands Erroneously Sold—		
Indefinite appropriation to pay to the purchaser or purchasers the sum or sums of money received for lands erroneously sold by the United States (United States Code, page 1022, section 711; page 1347, section 263) and to provide for the repayment of certain commissions, excess payments, and purchase moneys paid under the public land laws (*U. S. C., p. 1331, secs. 95, 96*)	30,000.00	50,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
53 Refund to purchasers on erroneous sales of land by the United States	$30,000.00	$40,000.00	$29,958.85
Unobligated balance			35,041.15
Reserve		10,000.00	
Total	30,000.00	50,000.00	65,000.00

Surveying Within Land Grants (Reimbursable)—		
For the survey of lands within the limits of railroad grants (*U. S. C., p. 1390, sec. 886*)	13,000.00	3,000.00
Transferred to appropriation for surveying the public lands: Expenditures—1929, $13,000; 1928, $13,000; 1927, $12,586.05.		
Deposits by Individuals for Surveying Public Lands—		
Indefinite appropriation of the amount deposited by individuals to pay the cost and expenses incident to the survey of lands, any excess of the sums so deposited, over and above the actual cost of surveys, comprising all expenses incident thereto, for which they were severally deposited, to be repaid to the depositors, respectively (*U. S. C., p. 1022, sec. 711; p. 1381, secs. 759, 761; p. 1391, sec. 887*)	30,000.00	35,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
52 Repayment of deposits	$3,000.00	$5,000.00	$6,716.31
Add amounts transferred to appropriation for surveying public lands	27,000.00	27,000.00	23,414.10
		32,000.00	30,130.41
Unobligated balance			14,869.59
Reserve		3,000.00	
Total	30,000.00	35,000.00	45,000.00

Five, Three, and Two Per Cent Funds to States (Lands)—		
Indefinite appropriations to pay to the several States 5 per cent of the net proceeds of sales of public lands lying within their limits, for the purpose of education, or of making public roads and improvements (*U. S. C., p. 1022, sec. 711*)	15,000.00	15,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
22 Grants to States for roads and educational purposes	$15,000.00	$13,893.36	$13,041.79
Unobligated balance			1,958.21
Reserve		1,106.64	
Total	15,000.00	15,000.00	15,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), data of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Payments to States from Receipts under Mineral Leasing Act— Indefinite appropriation of 20 per cent of past production and 37½ per cent of future production of the amounts derived from bonuses, royalties, and rentals under the provisions of the mineral leasing act of February 25, 1920, to be paid by the Secretary of the Treasury after the expiration of each fiscal year to the States within the boundaries of which the leased lands or deposits are or were located, said moneys to be used by the States or subdivisions thereof for the construction and maintenance of public roads or for the support of public schools or other educational institutions as the legislatures of the States may direct (*U. S. C., p. 966, sec. 191*)	$2,000,000.00	$2,800,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
22 Grants to States for roads and educational purposes	$2,000,000.00	$2,498,690.00	$3,172,563.77
Reserve		301,310.00	
Total	2,000,000.00	2,800,000.00	3,172,563.77

The Coos Bay Wagon Road Grant Fund— Indefinite appropriation of 25 per cent of the balance of the proceeds from sales of the Coos Bay Wagon Road grant lands and timber within each of the counties of Coos and Douglas, Oregon, after deducting the accrued taxes in said county and a sum equal to $2.50 per acre for the land, title to which revested in the United States pursuant to the act of February 26, 1919 (40 Stat. 1179), to be paid to the treasurer of the county for common schools, roads, highways, bridges, and port districts (*act Feb. 26, 1919, vol. 40, p. 1181*)	40,000.00
22 Grants to counties for schools, roads, highways, bridges, and port districts: Expenditures—1929, $40,000; 1928, $60,000; 1927, $47,813.55.	
Payments to Certain Counties of Oregon and Washington in Lieu of Accrued Taxes— Indefinite appropriation to pay to certain counties in the States of Oregon and Washington amounts of money equal to the taxes that would have accrued against Oregon and California land-grant lands if the lands had remained privately owned and taxable, all moneys paid hereunder to be charged against the Oregon and California land-grant fund (*act July 13, 1926, vol. 44, p. 916*)	600,000.00
22 Grants to counties for schools, roads, highways, bridges, and port districts: Expenditures—1929, $600,000; 1928, $1,100,000; 1927, $6,102,853.49.	
Trust funds:	
Outstanding Liabilities, Lands (U. S. C., p. 1331, sec. 99)	500.00
52 Outstanding liabilities, lands: Expenditures—1929, $500; 1928, $500; 1927, $528.81.	
Unearned Moneys, Lands (U. S. C., p. 1329, sec. 72)	500.00
52 Unearned moneys, lands: Expenditures—1929, $500; 1928, $500; 1927, $768.34.	
Total permanent and indefinite under General Land Office	2,729,000.00	2,903,500.00
Total under General Land Office	4,867,550.00	5,201,050.00

INDIAN AFFAIRS

Salaries, Bureau of Indian Affairs— For the Commissioner of Indian Affairs and other personal services in the District of Columbia in accordance with the classification act of 1923 (*U. S. C., p. 689, sec. 1; p. 692, sec. 61; act Jan. 12, 1927, vol. 44, p. 938*)	356,000.00	356,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Clerical, administrative, and fiscal service—						
	Average—		*Average*—		*Average*—	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 13, salary range, $6,000 to $7,500; average, $6,750—						
Executive officer (commissioner)	1	$7,500	1	$7,500	1	$7,000
Grade 12, salary range, $5,200 to $6,000; average, $5,600—						
Senior administrative officer (assistant commissioner)	1	5,400	1	5,400	1	5,200
Grade 10, salary range, $3,300 to $3,900; average, $3,600—						
Junior administrative officer (chief clerk)	1	3,400	1	3,400	1	3,400

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

Salaries, Bureau of Indian Affairs—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927		Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
	Average—		*Average—*		*Average—*			
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*		
Departmental service—Continued.								
Salaries—Continued.								
Clerical, administrative, and fiscal service—Contd.								
Grade 9, salary range, $3,000 to $3,600; average, $3,300—								
Senior administrative assistant (chief of division)	5	$3,100	5	$3,100	5	$3,100		
Grade 8, salary range, $2,700 to $3,300; average, $3,000—								
Administrative assistant (assistant chief of division)	3	2,800	3	2,800	3	2,800		
Administrative assistant (chief of section)	2	2,750	2	2,750	1.4	2,800		
Grade 7, salary range, $2,400 to $3,000; average, $2,700—								
Junior administrative assistant (chief of section)	10	2,620	10	2,620	11.6	2,583		
Private secretary	1	2,700	1	2,700	1	2,600		
Inspector, textiles and fabrics	1	2,700	1	2,700	1	2,650		
Clerk	2	2,550	2	2,550	1.4	2,643		
Assistant chief of section	1	2,600	1	2,600				
Grade 6, salary range, $2,100 to $2,700; average, $2,400—								
Principal clerks	21	2,190	21	2,190	20	2,182		
Grade 5, salary range, $1,860 to $2,400; average, $2,111.42—								
Head stenographer	1	2,100	1	2,100	1	2,050		
Senior clerk	26	1,951	26	1,951	24.5	1,946		
Grade 4, salary range $1,680 to $2,040; average $1,860—								
Principal stenographer	2	1,800	2	1,800	2.1	1,767		
Clerk	16	1,800	16	1,800	17	1,798		
Grade 3, salary range, $1,500 to $1,860; average, $1,680—								
Assistant clerk-stenographer	1	1,620	1	1,620	1	1,530		
Senior stenographer	22	1,623	22	1,623	20	1,570		
Assistant clerk	31	1,614	31	1,614	34.9	1,574		
Grade 2, salary range, $1,320 to $1,680; average, $1,500—								
Junior clerk	5	1,536	5	1,536	5.7	1,479		
Junior stenographer	4	1,460	4	1,460	4.4	1,412		
Senior typist	3	1,460	3	1,460	3.7	1,438		
Grade 1, salary range, $1,140 to $1,500; average $1,320—								
Underclerk	4	1,230	4	1,230	3.2	1,330		
Junior typist					0.3	1,260		
Professional service:								
Grade 4, salary range, $3,800 to $5,000; average, $4,400—								
Attorney	1	4,000	1	4,000	1	4,000		
Grade 3, salary range, $3,000 to $3,600; average, $3,300—								
Associate attorney (chief of division)	1	3,200	1	3,200	1	3,100		
Associate engineer (architect)	1	3,100	1	3,100	1	3,100		
Associate scientist (forester)	1	3,100	1	3,100	1	3,100		
Grade 2, salary range, $2,400 to $3,000; average, $2,700—								
Assistant attorney	1	2,400	1	2,400	1	2,400		
Subprofessional service:								
Grade 7, salary rango, $2,100 to $2,700; average, $2,400—								
Principal engineer draftsman	1	2,100	1	2,100	1	2,100		
Grade 6, salary range, $1,860 to $2,400; average, $2,111.42—								
Senior engineer draftsman	2	1,890	2	1,890	1.9	1,950		
Senior library assistant	1	1,920	1	1,920	0.5	1,920		
Grade 5, salary range, $1,680 to $2,040; average, $1,860—								
Library assistant					0.5	1,860		
Custodial service—								
Grade 4, salary range, $1,140 to $1,500; average, $1,320—								
Head messenger	1	1,140	1	1,140	1	1,140		
Grade 3, salary range, $1,020 to $1,260; average, $1,140—								
Messenger	2	1,080	2	1,080	2	1,080		
Grade 2, salary range, $900 to $1,140; average, $1,020—								
Assistant messenger	3	940	3	940	3	900		
Total average number of employees	179		179		180.1			
01 Total salaries, departmental service		356,000.00		356,000.00		351,877.17		
Unobligated balance						4,122.83		
Total		356,000.00		356,000.00		356,000.00		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
General Expenses, Indian Service—		
For transportation and incidental expenses of officers and clerks of the Office of Indian Affairs when traveling on official duty; for telegraph and telephone toll messages on business pertaining to the Indian Service sent and received by the Bureau of Indian Affairs at Washington, and for other necessary expenses of the Indian Service for which no other appropriation is available, [$16,000] *$13,500*: *Provided*, That not to exceed $5,000 of this appropriation may be used for continuing the work of the competency commission to the Five Civilized Tribes of Oklahoma: *Provided further*, That not to exceed $1,000 of the amount herein appropriated may be expended out of applicable funds in the work of determining the competency of Indians on Indian reservations outside of the Five Civilized Tribes in Oklahoma (*U. S. C., p. 690, sec. 13; act Jan. 12, 1927, vol. 44, p. 938*)	$13,500.00	$16,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Field service:			
Salaries and wages—	*Average— No. Salary*	*Average— No. Salary*	*Average— No. Salary*
Salary range, $5,200 to $6,000; average, $5,600—			
General superintendent			0.4 $5,200
Salary range, $3,800 to $5,000; average, $4,400—			
District superintendent			3 3,800
Engineer		0.5 $4,000	0.5 4,000
Salary range, $2,700 to $3,300; average, $3,000—			
Superintendent			1 3,000
Assistant district superintendent			0.3 3,000
Salary range, $2,400 to $3,000; average, $2,700—			
Physician			0.5 2,700
Salary range, $2,100 to $2,700; average, $2,400—			
Traveling auditor			2 2,400
Superintendent			2.5 2,520
Physician			0.5 2,400
Overseer of Indian employment			0.5 2,400
Salary range, $1,860 to $2,400; average, $2,100—			
Physician			0.5 2,100
Salary range, $1,680 to $2,040; average, $1,860—			
Senior clerk			1 2,200
Salary range, $1,500 to $1,860; average, $1,680—			
Clerk			2 1,740
Special agent			1 1,680
Financial clerk			1 1,680
Salary range, $1,320 to $1,680; average, $1,500—			
Assistant clerk			2.8 1,500
Special agent			1 1,500
Financial clerk			2 1,530
Salary range, $1,140 to $1,500; average, $1,320—			
Junior clerk			2.5 1,320
Financial clerk			0.8 1,380
Assistant clerk			1 1,320
Salary range, $1,020 to $1,260; average, $1,140—			
Financial clerk			1 1,140
Salary range, $900 to $1,140; average, $1,020—			
Laborer			2 1,050
Total average number of employees		0.5	29.8
Total salaries and wages, field service		2,000.00	60,544.00
The difference between 1929 and 1928 is due to transfer of part salary to another appropriation, $2,000.			
Deduct allowance value of quarters, fuel, and light furnished			3,228.00
Cash payment, salaries and wages		2,000.00	57,316.00
Miscellaneous and temporary labor, $8 to $1 per day			743.98
01 Total personal services		2,000.00	58,059.98
Supplies and materials:			
0200 Stationery and office supplies			35.00
0230 Fuel			438.36
0250 Forage and other supplies for animals			108.24
0280 Sundry supplies			35.56
02 Total supplies and materials			617.16
Communication service:			
0500 Telegraph service	$2,250.00	2,000.00	2,079.31
0510 Telephone service	150.00	200.00	158.17
0520 Other communication service		50.00	27.83
05 Total communication service	2,400.00	2,250.00	2,265.31
Travel expense:			
0600 Commercial transportation	6,500.00	6,500.00	6,172.08
0630 Per diem in lieu of subsistence	4,000.00	4,000.00	4,280.50
06 Total travel expense	10,500.00	10,500.00	10,452.58
07 Transportation of things			495.20
08 Printing, engraving, lithographing, photographing, and typewriting			105.57
10 Furnishing of heat, light, power, water, and electricity			828.00
12 Repairs and alterations			371.55
13 Special and miscellaneous expenses	600.00	250.00	233.89

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

General Expenses, Indian Service—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Equipment:			
3000 Passenger-carrying vehicles			$1,241.50
3010 Furniture, furnishings, and fixtures			101.73
3020 Educational, scientific, and recreational supplies			61.75
3050 Other equipment			10.25
30 Total equipment			1,415.23
32 Structures and parts, and nonstructural improvements to land			619.89
		$15,000.00	75,965.26
Unobligated balance			14,034.74
Reserve		1,000.00	
Transferred to department stationery account			500.00
Total	$13,500.00	16,000.00	90,000.00

Purchase and Transportation of Indian Supplies—

For expenses necessary to the purchase of goods and supplies for the Indian Service, including inspection, pay of necessary employees, and all other expenses connected therewith, including advertising, storage and transportation of Indian goods and supplies, $550,000: *Provided*, That no part of the sum hereby appropriated shall be used for the maintenance of to exceed three warehouses in the Indian Service: *Provided further*, That no part of this appropriation shall be used in payment for any services except bill therefor is rendered within one year from the time the service is performed [: *Provided further*, That appropriations herein or hereafter made for specified buildings in the Indian Service shall be used for the transportation of materials purchased therefrom: *Provided further*, That hereafter from time to time there is authorized to be transferred from each or any appropriation or fund available for the purchase of supplies for the Indian Service, to a fund to be set up and carried on the books of the Treasury as an Indian Service supply fund, such amounts as the Secretary of the Interior may estimate to be required to pay for supplies purchased through Indian warehouses for the Indian field service; and the expenditure of the said Indian Service supply fund for the purpose stated is hereby authorized, necessary adjustments to be made thereafter to the end that each appropriation and fund ultimately will be charged only with the cost of the supplies legally chargeable thereto] (*acts Aug. 15, 1876, vol. 19, p. 196, sec. 1; Jan. 12, 1927, vol. 44, p. 939*) $550,000.00 $550,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average*—		*Average* —		*Average*—	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $2,400 to $3,000; average, $2,700—						
Superintendent	3	$2,700	3	$2,700	3	$2,700
Salary range, $2,100 to $2,700; average, $2,400—						
Senior clerk	1	2,400	1	2,400		
Salary range, $1,680 to $2,040; average, $1,860—						
Senior clerk					1	1,920
Salary range, $1,500 to $1,860; average, $1,680—						
Clerk	3	1,720	3	1,720	3	1,700
Salary range, $1,320 to $1,680; average, $1,500—						
Assistant clerk	5	1,548	5	1,548	5	1,524
Salary range, $1,140 to $1,500; average, $1,320—						
Junior clerk	8	1,350	8	1,350	8	1,343
Laborer	1	1,380	1	1,380		
Salary range, $1,020 to $1,260; average, $1,140—						
Underclerk	3.5	1,140	3.5	1,140	2.8	1,140
Salary range, $900 to $1,140; average, $1,020—						
Laborer	13.5	1,065	13.5	1,065	15	1,065
Watchman	1	900	1	900	1	900
Total average number of employees	39		39		38.8	
01 Total personal services		54,898.00		54,898.00		53,560.67
Supplies and materials:						
0200 Stationery and office supplies		50.00		50.00		66.06
0230 Fuel		350.00		350.00		119.73
0280 Sundry supplies		1,000.00		1,000.00		1,083.59
02 Total supplies and materials		1,400.00		1,400.00		1,269.38

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Purchase and Transportation of Indian Supplies—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Communication service:			
0500 Telegraph service	$100.00	$100.00	$53.84
0510 Telephone service	400.00	400.00	381.08
0520 Other communication service			10.00
05 Total communication service	500.00	500.00	444.92
06 Travel expense	2,500.00	2,500.00	2,337.98
07 Transportation of things	481,400.00	476,400.00	433,438.24
09 Advertising and publication of notices	100.00	100.00	
10 Furnishing of heat, light, power, water, and electricity	500.00	500.00	381.30
11 Rents	7,000.00	7,000.00	6,957.37
12 Repairs and alterations	500.00	500.00	179.41
13 Special and miscellaneous expenses	102.00	102.00	159.39
Equipment:			
3010 Furniture, furnishings, and fixtures	100.00	100.00	262.62
3050 Other equipment			8.72
30 Total equipment	100.00	100.00	271.34
	549,000.00	544,000.00	499,000.00
Reserve		5,000.00	
Transferred to department stationery account	1,000.00	1,000.00	1,000.00
Total	550,000.00	550,000.00	500,000.00

Inspectors, Indian Service—

For pay of special Indian Service inspector and two Indian Service inspectors, and traveling and incidental expenses (*acts Aug. 1, 1914, vol. 38, p. 586, sec. 1; Jan. 12, 1927, vol. 44, p. 939*) $15,500.00 $16,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $3,800 to $5,000; average, $4,400—						
Special inspector	1	$3,800	1	$3,800	1	$3,800
Salary range, $2,700 to $3,300; average, $3,000—						
Inspector	2	3,050	2	3,050	1.8	3,050
Total average number of employees	3		3		2.8	
01 Total personal services		9,900.00		9,900.00		9,275.71
Travel expense:						
0600 Commercial transportation		2,200.00		1,800.00		1,555.22
0630 Per diem in lieu of subsistence		3,400.00		3,700.00		3,311.00
06 Total travel expense		5,600.00		5,500.00		4,866.22
12 Repairs and alterations						222.85
30 Equipment						45.00
				15,400.00		14,409.78
Unobligated balance						1,590.22
Reserve				600.00		
		15,500.00		16,000.00		16,000.00

Pay of Judges, Indian Courts—

For pay of judges of Indian courts where tribal relations now exist, at rates to be fixed by the Commissioner of Indian Affairs (*acts June 29, 1888, vol. 25, p. 233, sec. 1; Jan. 12, 1927, vol. 44, p. 939*) 15,000.00 15,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
Ungraded—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Judges	73	$205	71	$205	64	$120
Total average number of employees	73		71		64	
01 Total personal service		15,000.00		14,500.00		7,690.33
Unobligated balance						709.67
Reserve				500.00		
Total		15,000.00		15,000.00		8,400.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Pay of Indian Police— For pay of Indian police, including chiefs of police at not to exceed $60 per month each and privates at not to exceed $40 per month each, to be employed in maintaining order; for purchase of equipments and supplies, and for rations for policemen at nonration agencies (*acts May 27, 1878, vol. 20, p. 86, sec. 1; Jan. 12, 1927, vol. 44, p. 939*)	$155,000.00	$160,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Field service:			
Salaries and wages—	*Average—*	*Average—*	*Average—*
Salary range, $600 to $780; average, $690—	*No.* *Salary*	*No.* *Salary*	*No.* *Salary*
Chief of police	62 $767	62 $767	59 $764
Salary range, $420 to $600; average, $510—			
Private	210 506	210 506	206 505
Total average number of employees	272	272	265
Total salaries and wages, field service	153,814.00	153,814.00	149,106.00
Deduct allowance value of quarters, fuel, and light	16,320.00	16,320.00	15,900.00
01 Total personal services	137,494.00	137,494.00	133,284.67
Supplies and materials:			
0230 Fuel	2,000.00	3,000.00	1,975.09
0240 Wearing apparel and sewing supplies	4,500.00	6,000.00	3,438.72
0250 Forage and other supplies for animals	3,000.00	3,000.00	2,821.79
0260 Provisions	7,000.00	8,000.00	7,212.13
0280 Sundry supplies	600.00	500.00	329.17
02 Total supplies and materials	17,100.00	20,500.00	15,776.90
12 Repairs and alterations	106.00	206.00	139.79
Equipment:			
3010 Furniture, furnishings, and fixtures	100.00	300.00	205.04
3050 Other equipment	200.00	500.00	322.74
30 Total equipment	300.00	800.00	527.78
		159,000.00	149,729.14
Unobligated balance			15,270.86
Reserve		1,000.00	
Total	155,000.00	160,000.00	165,000.00

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Suppressing Liquor Traffic Among Indians— For the suppression of the traffic in intoxicating liquors and deleterious drugs, including peyote, among Indians (*acts Jan. 30, 1897, vol. 29, p. 506, sec. 1; May 25, 1918, vol. 40, p. 563, sec. 1; Jan. 12, 1927, vol. 44, p. 939*)	22,000.00	22,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Field service:			
Salaries and wages—	*Average—*	*Average—*	*Average—*
Salary range, $1,680 to $2,040; average, $1,860—	*No.* *Salary*	*No.* *Salary*	*No.* *Salary*
Special officer	7 $1,860	7 $1,860	5.7 $1,860
Total average number of employees	7	7	5.7
01 Total personal services	13,020	13,020	10,540
Travel expense:			
0600 Commercial transportation	5,140.00	5,140.00	5,303.34
0630 Per diem in lieu of subsistence	3,000.00	2,500.00	5,052.00
06 Total travel expense	8,140.00	7,640.00	10,355.34
12 Repairs and alterations	240.00	240.00	248.02
30 Equipment	600.00	600.00	755.50
		21,500.00	21,898.86
Unobligated balance			101.14
Reserve		500.00	
	22,000.00	22,000.00	22,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Indian Agency Buildings—		
For construction, lease, purchase, repair, and improvement of agency buildings, including the purchase of necessary lands and the installation, repair, and improvement of heating, lighting, power, and sewerage and water systems in connection therewith, [$150,000] *$175,000*: *Provided*, That this appropriation shall be available for the payment of salaries and expenses of persons employed in the supervision of construction or repair work of roads and bridges on Indian reservations and other lands devoted to the Indian Service (*U. S. C., p. 690, sec. 13; act Jan. 12, 1927, vol. 44, p. 939*)	$175,000.00	$150,000.00

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:							
Salaries and wages—		*Average—*		*Average—*		*Average—*	
Salary range, $2,100 to $2,700; average, $2,400—		*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Superintendent of construction		0.7	$2,850	0.7	$2,850	0.7	$2,850
Total average number of employees		0.7		0.7		0.7	
01 Total personal services			1,700		1,700		1,699
Travel expense:							
0600 Commercial transportation			300.00		300.00		282.56
0630 Per diem in lieu of subsistence			300.00		300.00		220.00
06 Total travel expense			600.00		600.00		502.56
11 Rents			16,000.00		16,000.00		14,932.31
12 Repairs and alterations			146,700.00		75,550.00		113,636.10
30 Equipment							227.27
32 Structures and parts, and nonstructural improvements to land			10,000.00		54,650.00		13,123.52
					148,500.00		144,120.76
Unobligated balance							5,879.24
Reserve					1,500.00		
Total			175,000.00		150,000.00		150,000.00

Vehicles, Indian Service—

That not to exceed $150,000 of applicable appropriations made herein for the Bureau of Indian Affairs shall be available for the maintenance, repair, and operation of motor-propelled and horse-drawn passenger-carrying vehicles for the use of superintendents, farmers, physicians, field matrons, allotting, irrigation, and other employees in the Indian field service: *Provided*, That not to exceed $3,000 may be used in the purchase of horse-drawn passenger-carrying vehicles, and not to exceed [$35,000] *$40,000* for the purchase of motor-propelled passenger-carrying vehicles, and that such vehicles shall be used only for official service (*acts July 16, 1914, vol. 38, p. 508, sec. 5; Jan. 12, 1927, vol. 44, p. 939*).

Replacement of Property Destroyed by Fire, Flood, or Storm—

That to meet possible emergencies, not exceeding $100,000 of the appropriations made by this act for support of reservation and nonreservation schools, for school and agency buildings, and for preservation of health among Indians, shall be available, upon approval of the Secretary of the Interior, for replacing any buildings, equipment, supplies, livestock, or other property of those activities of the Indian Service above referred to which may be destroyed or rendered unserviceable by fire, flood, or storm: *Provided*, That the limit of $7,500 for new construction contained in the appropriation for Indian school buildings shall not apply to such emergency expenditures: *And provided further*, That any diversions of appropriations made hereunder shall be reported to Congress in the annual Budget (*U. S. C., p. 690, sec. 13; act Jan. 12, 1927, vol. 44, p. 940*).

Diversions made during the fiscal year 1927 under the foregoing item were as follows:

	Indian schools, support	Indian school buildings	Indian agency buildings	Relieving distress	Indian boarding schools	Total
Small girls' dormitory, Phoenix Nonreservation Boarding School, Arizona	$3,400	$1,000	$1,800		$8,800	$15,000
Employees' quarters, Truxton Canon School and Ageney, Arizona				$2,000	2,000	4,000
Superintendent's cottage, Fort Bidwell School and Agency, California		2,500	2,500			5,000
Repairs to boys' dormitory, Carson Boarding School, Nevada					2,000	2,000
Total	3,400	3,500	4,300	2,000	12,800	26,000

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Determining Heirs of Deceased Indian Allottees— For the purpose of determining the heirs of deceased Indian allottees having right, title, or interest in any trust or restricted property, under regulations prescribed by the Secretary of the Interior, [$64,000] *$59,000*, reimbursable as provided by existing law, of which $14,000 shall be available for personal services in the District of Columbia: *Provided*, That the provisions of this paragraph shall not apply to the Osage Indians nor to the Five Civilized Tribes of Oklahoma (*acts June 25, 1910, vol. 36, p. 855, sec. 1; Jan. 12, 1927, vol. 44, p. 940*)	$59,000.00	$64,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional service—	*Average—*		*Average—*		*Average—*	
Grade 3, $3,000 to $3,600; average, $3,300—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Associate attorney	1	$3,100	1	$3,100	1	$3,100
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant attorney	3	2,400	3	2,400	3	2,400
Clerical, administrative, and fiscal service—						
Grade 4, $1,680 to $2,040; average, $1,680—						
Senior stenographer	2	1,710	2	1,710	2	1,690
Total average number of employees	6		6		6	
Total salaries, departmental service		13,720.00		13,720.00		13,647.43
Field service:						
Salaries and wages—						
Salary range, $2,100 to $2,700; average, $2,400—						
Examiner of inheritance	10	2,700	11	2,700	10	2,700
Salary range, $1,140 to $1,500; average, $1,320—						
Junior clerk	10	1,506	10	1,506	10	1,505
Total average number of employees	20		21		20	
Total salaries and wages, field service		42,060.00		44,760.00		41,636.03
The difference between 1929 and 1928 is due to decrease in force, $2,700.						
01 Total personal services		55,780.00		58,480.00		55,283.46
Supplies and materials:						
0230 Fuel						69.64
0280 Sundry supplies		100.00		100.00		13.40
02 Total supplies and materials		100.00		100.00		83.04
Travel expense:						
0600 Commercial transportation		1,700.00		2,000.00		3,423.18
0630 Per diem in lieu of subsistence		1,000.00		1,000.00		1,240.00
06 Total travel expense		2,700.00		3,000.00		4,663.18
07 Transportation of things						4.00
12 Repairs and alterations		300.00		800.00		770.75
Equipment:						
3000 Passenger-carrying vehicles				1,000.00		1,676.70
3010 Furniture, furnishings, and fixtures				100.00		72.70
3050 Other equipment		120.00		20.00		
30 Total equipment		120.00		1,120.00		1,749.40
				63,500.00		62,553.83
Unobligated balance						7,446.17
Reserve				500.00		
Total		59,000.00		64,000.00		70,000.00

Probate Attorneys, Five Civilized Tribes, Oklahoma.— For salaries and expenses of such attorneys and other employees as the Secretary of the Interior may, in his discretion, deem necessary in probate matters affecting restricted allottees or their heirs in the Five Civilized Tribes and in the several tribes of the Quapaw Agency, and for the costs and other necessary expenses incident to suits instituted or conducted by such attorneys, [$37,000] *$34,000*: *Provided*, That no part of this appropriation shall be available for the payment of attorneys or other employees unless appointed after a competitive examination by the Civil Service Commission and from an eligible list furnished by such commission (*acts Aug. 1, 1914, vol. 38, p. 598, sec. 17; Jan. 12, 1927, vol. 44, p. 940*)	34,000.00	37,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Probate Attorneys, Five Civilized Tribes, Oklahoma—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Field service:			
Salaries and wages—	*Average—*	*Average—*	*Average—*
	No. *Salary*	*No.* *Salary*	*No.* *Salary*
Salary range, $2,700 to $3,300; average, $3,000—			
Supervising probate attorney	1 $3,000	1 $3,000	1 $3,000
Salary range, $2,400 to $3,000; average, $2,700—			
Probate attorney	6 2,771	7 2,771	7 2,786
Principal clerk	1 2,700	1 2,700	0.3 2,700
Salary range, $1,860 to $2,400; average, $2,100—			
Principal clerk			0.7 2,100
Salary range, $1,320 to $1,680; average, $1,500—			
Assistant clerk			0.1 1,500
Salary range, $1,140 to $1,500; average, $1,320—			
Junior clerk	4 1,320	4 1,320	3.4 1,320
Salary range, $1,020 to $1,260; average, $1,140—			
Underclerk			0.5 1,280
Total average number of employees	12	13	13
01 Total personal services	27,677.00	30,377.00	30,003.43
The difference between 1929 and 1928 is due to decrease in force, $2,700.			
02 Supplies and materials	50.00	50.00	19.20
Communication service:			
0510 Telephone service	750.00	750.00	766.34
0520 Other communication service	50.00	50.00	10.89
05 Total communication service	800.00	800.00	777.23
06 Travel expenses	4,000.00	4,000.00	3,088.32
07 Transportation of things			18.00
11 Rents	1,000.00	1,000.00	1,040.00
12 Repairs and alterations	100.00	100.00	63.28
13 Special and miscellaneous expenses	173.00	73.00	40.00
30 Equipment	200.00	100.00	11.50
		36,500.00	35,060.96
Unobligated balance			2,939.04
Reserve		500.00	
Total	34,000.00	37,000.00	38,000.00

Expenses of Indian Commissioners—

For expenses of the Board of Indian Commissioners, $11,000, of which amount not to exceed $7,800 may be expended for personal services in the District of Columbia (*U. S. C., p. 690, sec. 21; act Jan. 12, 1927, vol. 44, p. 940*) $11,000.00 $11,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Departmental service:			
Salaries—			
Clerical, administrative, and fiscal service—	*Average—*	*Average—*	*Average—*
	No. *Salary*	*No.* *Salary*	*No.* *Salary*
Grade 11, $3,800 to $5,000; average, $4,400—			
Administrative officer	1 $4,000	1 $4,000	1 $3,800
Grade 5, $1,860 to $2,400; average, $2,100—			
Senior clerk	1 2,100	1 2,100	1 2,100
Grade 3, $1,500 to $1,860; average, $1,680—			
Senior stenographer	1 1,620	1 1,620	1 1,620
Total average number of employees	3	3	3
01 Total personal services	7,720	7,720	7,520
02 Supplies and materials	80.00	80.00	73.79
Communication service:			
0500 Telegraph service	25.00	25.00	1.89
0510 Telephone service	25.00	25.00	22.51
05 Total communication service	50.00	50.00	24.40
Travel expense:			
0600 Commercial transportation	1,950.00	1,850.00	1,112.40
0630 Per diem in lieu of subsistence	1,200.00	1,200.00	1,074.25
06 Total travel expense	3,150.00	3,050.00	2,186.65
		10,900.00	9,804.84
Unobligated balance			195.16
Reserve		100.00	
Total	11,000.00	11,000.00	10,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Surveying and Allotting Indian Reservations (Reimbursable)— For the survey, resurvey, classification, and allotment of lands in severalty under the provisions of the act of February 8, 1887 (Twenty-fourth Statutes at Large, page 388), entitled "An act to provide fort he allotment of lands in severalty to Indians," and under any other act or acts providing for the survey or allotment of Indian lands, [$40,000] *$35,000*, reimbursable: *Provided*, That no part of said sum shall be used for the survey, resurvey, classification, or allotment of any land in severalty on the public domain to any Indian, whether of the Navajo or other tribes, within the State of New Mexico and the State of Arizona, who was not residing upon the public domain prior to June 30, 1914 (*acts Feb. 8, 1887, vol. 24, p. 388, sec. 1; Jan. 12, 1927, vol. 44, p. 940*)	$35,000.00	$40,000.00

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
		Average—		*Average*—		*Average*—	
		No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Field service:						
	Salaries and wages—						
	Salary range, $2,100 to $2,700; average, $2,400—						
	Surveyor	1	$2,400	1	$2,400	1	$2,400
	Special allotting agent	2	2,500	2	2,500	2	2,500
	Total average number of employees	3		3		3	
	Total salaries and wages, field service		7,400.00		7,400.00		7,400.00
	Deduct allowance value of quarters, fuel, and light		300.00		300.00		300.00
	Cash payment, salaries and wages		7,100.00		7,100.00		7,100.00
	Miscellaneous and temporary labor, $8 to $1 per day				1,000.00		468.17
01	Total personal services		7,100.00		8,100.00		7,568.17
	Supplies and materials:						
0230	Fuel		500.00		500.00		104.77
0250	Forage and other supplies for animals		150.00		150.00		
0260	Provisions		1,500.00		3,500.00		1,995.28
0280	Sundry supplies		500.00		1,600.00		103.68
02	Total supplies and materials		2,650.00		5,750.00		2,203.73
06	Travel expenses		3,500.00		3,500.00		3,259.82
07	Transportation of things		50.00		50.00		10.42
08	Printing, engraving, lithographing, photographing and typewriting		250.00		250.00		250.80
	Rents:						
1100	Rent of buildings and structures		200.00		200.00		180.00
1110	Other rents		600.00		600.00		583.19
11	Total rents		800.00		800.00		763.19
12	Repairs and alterations		500.00		1,000.00		751.58
13	Special and miscellaneous expenses		50.00		50.00		29.78
	Equipment:						
3010	Furniture, furnishings, and fixtures		50.00		50.00		23.67
3050	Other equipment		50.00		50.00		33.26
30	Total equipment		100.00		100.00		56.93
	Add amount transferred to surveying public lands		20,000.00		20,000.00		21,660.97
					39,600.00		36,555.39
	Unobligated balance						3,444.61
	Reserve				400.00		
	Total		35,000.00		40,000.00		40,000.00

Surveying and Allotting, Red Lake Reservation, Minn. (Tribal Funds)—
[For surveying and allotting lands on the Red Lake Reservation, Minnesota, $10,000, payable from the Red Lake Four Per Cent Fund (*act Jan. 12, 1927, vol. 44, p. 940*).]

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Surveys, Allotments, etc., Northern Cheyenne Reservation, Mont.— *For expenses of compiling lists of lands, surveys and classifications, and all other expenses connected with the allotments authorized by the act of June 3, 1926, entitled "An act to provide for allotting in severalty lands within the Northern Cheyenne Indian Reservation, Montana, and for other purposes," $45,000, to be immediately available (act June 3, 1926, vol. 44, p. 690) (submitted)*	$45,000.00	

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
01 Personal services	$29.500		
Supplies and materials:			
0200 Stationery and office supplies	100		
0280 Sundry supplies	6,200		
02 Total supplies and materials	6,300		
Travel expense:			
0600 Commercial transportation	3,500		
0630 Per diem in lieu of subsistence	5,000		
06 Total travel expense	8,500		
07 Transportation of things	700		
Total	45,000		

Advertising Sale of Indian Lands (Reimbursable)— For the payment of newspaper advertisements of sales of Indian lands, $500, reimbursable from payments by purchasers of costs of sale, under such rules and regulations as the Secretary of the Interior may prescribe (*acts Feb. 14, 1920, vol. 41, p. 414, sec. 1; Jan. 12, 1927, vol. 44, p. 940*)	500.00	$500.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
09 Advertising and publication of notices	$500.00	$450.00	$160.31
Unobligated balance			339.69
Reserve		50.00	
Total	500.00	500.00	500.00

Counsel for Pueblo Indians of New Mexico— For the pay of one special attorney for the Pueblo Indians of New Mexico, to be designated by the Secretary of the Interior, and for necessary traveling expenses of said attorney, [$3,300] *$3,500*, or so much thereof as the Secretary of the Interior may deem necessary (*acts July 1, 1898, vol. 30, p. 594, sec. 1; June 30, 1919, vol. 41, p. 18, sec. 13; Jan. 12, 1927, vol. 44, p. 941*)	3,500.00	3,300.00

	Estimated expenditures, 1929 appropriation	Estimated expeuditures, 1928 appropriation	Expended and obligated, 1927
Field service:			
Salaries and wages—	*Average—*	*Average—*	*Average—*
Salary range, $2,700 to $3,300; average, $3,000—	*No.* *Salary*	*No.* *Salary*	*No.* *Salary*
Special attorney for Pueblo Indians	1 $3,300	1 $3,000	1 $3,000
Total average number of employees	1	1	1
01 Total personal services	3,300	3,000	3,000
The difference between 1929 and 1928 is due to increase in salary, $300.			
13 Special and miscellaneous expenses	200	300	
Total	3,500	3,300	3,000

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Sale of Unallotted Lands, etc., Five Civilized Tribes (Tribal Funds)—

For payment of salaries of employees and other expenses of advertising and sale in connection with the further sales of unallotted lands and other tribal property belonging to any of the Five Civilized Tribes, including the advertising and sale of the land within the segregated coal and asphalt area of the Choctaw and Chickasaw Nations, or of the surface thereof, as provided for in the act approved February 22, 1921, entitled "An act authorizing the Secretary of the Interior to offer for sale remainder of the coal and asphalt deposits in segregated mineral land in the Choctaw and Chickasaw Nations, State of Oklahoma" (Forty-first Statutes at Large, page 1107), and of the improvements thereon, which is hereby expressly authorized, and for other work necessary to a final settlement of the affairs of the Five Civilized Tribes, $6,000, to be paid from the proceeds of sales of such tribal lands and property (*acts July 1, 1902, vol. 32, p. 542, sec. 14; Jan. 12, 1927, vol. 44, p. 941*).

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
Salary range, $1,860 to $2,400; average, $2,100—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Principal clerk	1	$2,100	1	$2,100	1	$2,100
Salary range, $1,500 to $1,860; average, $1,680—						
Clerk	1	1,680	1	1,680	1	1,680
Salary range, $1,140 to $1,500; average, $1,320—						
Junior clerk	1	1,320	1	1,320	1	1,320
Salary range, $1,020 to $1,260; average, $1,140—						
Underclerk	0.5	1,260	0.5	1,260	0.3	1,260
Total average number of employees	3.5		3.5		3.3	
01 Total personal services		5,730.00		5,730.00		5,467.50
06 Travel expense		270.00		270.00		146.25
				6,000.00		5,613.75
Unobligated balance						886.25
Total		6,000.00		6,000.00		6,500.00
Transferred from Indian moneys, proceeds of labor		6,000.00		6,000.00		6,500.00

Purchase of Lands for Landless Indians in California—

For the purchase of lands for the homeless Indians in California, including improvements thereon, for the use and occupancy of said Indians, $7,000, said funds to be expended under such regulations and conditions as the Secretary of the Interior may prescribe (*U. S. C., p. 690, sec. 13; act Jan. 12, 1927, vol. 44, p. 941*) $7,000.00 $7,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
31 Land and interest in land	$7,000	$6,000	$4,000
Unobligated balance			3,000
Reserve		1,000	
Total	7,000	7,000	7,000

Purchase of Lands for Choctaw Indians, Mississippi—

For the purchase of lands, including improvements thereon, not exceeding eighty acres for any one family, for the use and occupancy of the full-blood Choctaw Indians of Mississippi, to be expended under conditions to be prescribed by the Secretary of the Interior for its repayment to the United States under such rules and regulations as he may direct (*U. S. C., p. 690, sec. 13; act Jan. 12, 1927, vol. 44, p. 941*) 3,500.00 3,500.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
31 Land and interest in land	$3,500.00	$3,000.00	$3,447.00
Unobligated balance			53.00
Reserve		500.00	
Total	3,500.00	3,500.00	3,500.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Purchase of Land for Use of Archie Eggleston—		
For the purchase of not to exceed forty acres of land for the use of Archie Eggleston, of Isabella County, Michigan, as authorized by the act of July 3, 1926, $2,000 (act July 3, 1926, vol. 44, p. 1747) (submitted)	$2,000.00	
31 Land and interest in land: Expenditures—1929, $2,000.		
Additional Land for Papago Reservation, Ariz.—		
For the purchase of land as an addition to the agency reserve of the Papago Indian Reservation, Arizona, as provided by the act of June 28, 1926, $9,500 (act June 28, 1926, vol. 44, p. 775) (submitted)	9,500.00	
31 Land and interest in land: Expenditures—1929, $9,500.		
Purchase of Land for Temoak Indians in Nevada.—		
The appropriation of $25,000 authorized by the act of June 7, 1924, and appropriated by the act of March 3, 1925, for the purchase of land with sufficient water right attached for the use and occupancy of the Temoak Band of homeless Indians located at Ruby Valley, Nevada, is hereby made available until June 30, 1929, for the same purpose: Provided, That not to exceed $500 of this amount may be used for necessary expenses in connection with the proposed purchase (act June 7, 1924, vol. 43, p. 596) (submitted).		
31 Land and interest in land: Expenditures—$25,000.		
Additional Land for Jicarilla Reservation, New Mexico (Tribal Funds)—		
For purchase of certain lands and appurtenances thereto situated within the exterior boundaries of the Jicarilla Reservation, New Mexico, as authorized by the act of February 12, 1927, $10,000, payable from funds on deposit in the Treasury of the United States to the credit of the Jicarilla Indians (act Feb. 12, 1927, vol. 44, p. 1089) (submitted).		
31 Land and interest in land: Expenditures—1929, $10,000.		
Expenses, Closing Affairs Eastern Cherokees, North Carolina—		
For carrying out the provisions of the act entitled "An act providing for the final disposition of the affairs of the Eastern Band of Cherokee Indians in North Carolina," approved June 4, 1924, [$7,000] *$15,000*, or so much thereof as may be necessary (*acts June 4, 1924, vol. 43, p. 376; Jan. 12, 1927, vol. 44, p. 941*)	15,000.00	$7,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
Salary range, $2,100 to $2,700; average, $2,400—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Special agent	1	$2,700	1	$2,700	0.6	$2,760
Salary range, $1,320 to $1,680; average, $1,500—						
Assistant clerk	2	1,500	2	1,500	1.5	1,500
Total average number of employees	3		3		2.1	
Total salaries and wages, field service		5,700.00		5,700.00		3,891.66
Deduct allowance value of quarters, fuel, and light furnished		660.00		660.00		426.00
Cash payment, salaries and wages		5,040.00		5,040.00		3,465.66
Miscellaneous and temporary labor $8 to $1 per day		6,800.00		500.00		
01 Total personal services		11,840.00		5,540.00		3,465.66
02 Supplies and materials		2,500.00		500.00		
06 Travel expense		300.00		160.00		34.47
08 Printing, engraving, lithographing, photographing, and typewriting						22.50
13 Special and miscellaneous expenses		360.00		300.00		
30 Equipment						97.63
				6,500.00		3,620.26
Unobligated balance						4,379.74
Reserve				500.00		
Total		15,000.00		7,000.00		8,000.00

Kiowas, Comanches, and Apaches, Homesteads, Oklahoma (Tribal Funds)—

For maintenance and support and improvement of the homesteads of the Kiowa, Comanche, and Apache Tribes of Indians in Oklahoma, $100,000, to be paid from the funds held by the United States in trust for said Indians and to be expended under such rules and regulations as the Secretary of the Interior may prescribe: *Provided*, That the Secretary of the Interior shall report to Congress on the first Monday in December, [1928] *1929*, a detailed statement as to all moneys expended as provided for herein (*U. S. C., p. 697, sec. 123; act Jan. 12, 1927, vol. 44, p. 941*).

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Kiowas, Comanches, and Apaches, Homesteads, Oklahoma (Tribal Funds)—Contd.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
52 Payments to Indians	$100,000	$100,000	$99,620
Total	100,000	100,000	99,620
Transferred from trust funds of Indian Tribes	100,000	100,000	99,620

Payment to Kiowa, Comanche, and Apache Indians, Oklahoma (Tribal Funds)—

For payment to the Kiowa, Comanche, and Apache Indians, of Oklahoma, *under such rules and regulations as the Secretary of the Interior may prescribe, $100,000*, from the tribal trust fund established by joint resolution of Congress, approved June 12, 1926 (Forty-fourth Statutes at Large, page 740), being a part of the Indians' share of the money derived from the south half of the Red River in Oklahoma [$100,000: *Provided*, That the said sum shall be distributed share and share alike to all recognized members of the Kiowa, Comanche, and Apache Tribes, who are living on the date of the passage of this act, under such regulations as the Secretary of the Interior may prescribe] (*acts June 12, 1926, vol. 44, p. 740; Jan. 12, 1927, vol. 44, p. 941*).

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
52 Payment of deposits to Indians	$100,000	$100,000	
Total	100,000	100,000	
Transferred from trust funds of Indian Tribes	100,000	100,000	

Industrial Work and Care of Timber—

For the purposes of preserving living and growing timber on Indian reservations and allotments other than the Menominee Indian Reservation in Wisconsin, and to educate Indians in the proper care of forests; for the conducting of experiments on Indian school or agency farms designed to test the possibilities of soil and climate in the cultivation of trees, grains, vegetables, cotton, and fruits, and for the employment of practical farmers and stockmen, in addition to the agency and school farmers now employed; for necessary traveling expenses of such farmers and stockmen and for furnishing necessary equipment and supplies for them; and for superintending and directing farming and stock raising among Indians, [$315,000] *$360,000*: *Provided*, That this appropriation shall be available for the expenses of administration of Indian forest lands from which timber is sold to the extent only that proceeds from the sales of timber from such lands are insufficient for that purpose*: Provided further, That not to exceed $100,000 of the amount herein appropriated may be used for the prevention of forest fires on Indian reservations: Provided further,* That not to exceed $20,000 of the amount herein appropriated may be used to conduct experiments on Indian school or agency farms, to test the possibilities of soil and climate in the cultivation of trees, cotton, grain, vegetables, and fruits, *and for producing and maintaining a supply of suitable plants or seed for issue to Indians: Provided also,* That the amounts paid to matrons, foresters, farmers, physicians, nurses, and other hospital employees, and stockmen provided for in this act shall not be included within the limitations on salaries and compensation of employees contained in the act of August 24, 1912 (*U. S. C., p. 690, sec. 13; act Jan. 12, 1927, vol. 44, p. 941*) $360,000.00 $315,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $5,200 to $6,000; average, $5,600—						
Chief supervisor of forests	1	$5,200	1	$5,200	1	$5,200
Salary range, $3,800 to $5,000; average, $4,400—						
Forest valuation engineer	1	4,000	1	4,000	1	3,800
Salary range, $2,700 to $3,300; average, $3,000—						
Supervisor of forests	2	3,300	2	3,300	2	3,225
Lumberman	1	3,000	1	3,000	1	3,000
Salary range, $2,400 to $3,000; average, $2,700—						
Supervisor of forests	1	2,700	1	2,700	1	2,700
Forest examiner	2	2,700	2	2,700	2	2,700
Logging engineer	1	2,700	1	2,700	1	2,700
Forest topographer	1	2,700	1	2,700	1	2,700
Salary range, $2,100 to $2,700; average, $2,400—						
Deputy supervisor of forests	3	2,400	3	2,400	4.3	2,400

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Industrial Work and Care of Timber—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service—Continued.						
Salaries and wages—Continued.	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $1,860 to $2,400; average, $2,100—						
Wireman	1	$2,300	1	$2,300	1	$2,133
Senior forest ranger	3	2,100	3	2,100	1.2	2,100
Forest ranger	0.5	2,100	0.5	2,100	0.5	2,100
Stock detective	1	2,100	1	2,100	1	2,100
Salary range, $1,680 to $2,040; average, $1,860—						
Senior forest ranger	1	1,860	1	1,860	1	1,860
Forest assistant	1	1,860	1	1,860	1	1,860
Salary range, $1,500 to $1,860; average, $1,680—						
Field nurse					0.1	1,680
Scaler	1	1,740	1	1,740	1	1,680
Nurse	0.5	1,680	0.5	1,680	0.5	1,680
Salary range, $1,320 to $1,680; average, $1,500—						
Superintendent of livestock	3	1,640	3	1,640	2	1,680
Stockman	3	1,540	3	1,540	4	1,530
Field matron					4	1,380
Forest guard	2	1,650	2	1,650	2.4	1,550
Farmer	4	1,500	4	1,500	1.2	1,500
Salary range, $1,140 to $1,500; average, $1,320—						
Farmer	88.3	1,436	88.3	1,436	91.3	1,440
Stockman	22.7	1,395	22.7	1,395	21.2	1,398
Forest guard	3	1,340	3	1,340	4	1,335
Field matron					24.9	1,382
Matron	0.2	1,320	0.2	1,320	0.2	1,320
Salary range, $1,020 to $1,260; average, $1,140—						
Forest guard	0.7	760	0.7	760	0.7	760
Salary range, $900 to $1,140; average, $1,020—						
Junior forest guard					0.5	1,020
Laborer	3	1,020	3	1,020	3	1,020
Salary range, $780 to $1,020; average, $900—						
Stockman	2	1,080	2	1,080	2	1,050
Laborer	1	900	1	900	1	900
Salary range, $420 to $600; average, $510—						
Field matron					3	540
Total average number of employees	154.9		154.9		187	
Total salaries and wages, field service		235,279.00		235,279.00		286,846.00
Deduct allowance value of quarters, fuel, and light furnished		29,370.00		29,370.00		32,292.00
Cash payment, salaries and wages		205,909.00		205,909.00		254,554.00
Miscellaneous and temporary labor, $8 to $1 per day		52,300.00		32,300.00		65,539.85
01 Total personal services		258,209.00		238,209.00		320,093.85
Supplies and materials:						
0200 Stationery and office supplies		50.00		50.00		31.30
0210 Medical supplies		100.00		100.00		20.19
0230 Fuel		15,000.00		15,000.00		19,856.48
0240 Wearing apparel and sewing supplies		500.00		500.00		296.38
0250 Forage and other supplies for animals		7,000.00		6,000.00		6,352.26
0260 Provisions		5,000.00		4,000.00		3,569.54
0280 Sundry supplies		3,450.00		2,000.00		1,746.49
02 Total supplies and materials		31,100.00		27,650.00		31,872.64
05 Communication service		800.00		500.00		490.19
Travel expenses:						
0600 Commercial transportation		10,000.00		9,000.00		10,854.70
0630 Per diem in lieu of subsistence		4,500.00		3,000.00		3,252.00
06 Total travel expenses		14,500.00		12,000.00		14,106.70
07 Transportation of things		1,000.00		800.00		232.29
08 Printing, engraving, lithographing, photographing, and typewriting		100.00		100.00		84.96
10 Furnishing of heat, light, power, water, and electricity		1,000.00		1,000.00		620.02
Rents:						
1100 Rent of buildings and structures		3,500.00		3,500.00		3,248.50
1110 Other rents		500.00		500.00		473.84
11 Total rents		4,000.00		4,000.00		3,722.34
12 Repairs and alterations		16,000.00		15,000.00		14,914.75
13 Special and miscellaneous expenses		291.00		441.00		359.09
Equipment:						
3000 Passenger-carrying vehicles		3,000.00		4,000.00		11,122.70
3010 Furniture, furnishings, and fixtures		3,000.00		2,000.00		3,693.67
3020 Educational, scientific, and recreational supplies						75.25
3040 Livestock		1,000.00		500.00		563.50
3050 Other equipment		10,000.00		6,000.00		9,140.15
30 Total equipment		17,000.00		12,500.00		24,595.27
32 Structures and parts and nonstructural improvements to land		16,000.00		1,500.00		1,061.40
Reserve				1,300.00		
		360,000.00		315,000.00		412,153.50
Less amount expended from deficiency appropriation						10,153.50
Total		360,000.00		315,000.00		402,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Expenses Incidental to Sale of Timber— For expenses incidental to the sale of timber, and for the expenses of administration of Indian forest lands from which such timber is sold to the extent that the proceeds of such sales are sufficient for that purpose, [$200,000] *$175,000*, reimbursable to the United States as provided in the act of February 14, 1920 (Forty-first Statutes at Large, page 415) (*acts June 25, 1910, vol. 36, p. 857, sec. 7; Jan. 12, 1927, vol. 44, p. 942*)	$175,000.00	$200,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $2,400 to $3,000; average, $2,700—						
Supervisor of forests	2	$2,700	2	$2,700	2	$2,700
Salary range, $2,100 to $2,700; average, $2,400—						
Deputy supervisor of forests	2	2,400	2	2,400	1.3	2,400
Salary range, $1,860 to $2,400; average, $2,100—						
Senior forest ranger	8	2,100	8	2,100	7.5	2,100
Forest assistant	5	2,100	5	2,100	5	2,100
Cruiser	1	2,100	1	2,100	1	2,100
Salary range, $1,680 to $2,040; average, $1,860—						
Forest ranger	12	1,870	12	1,870	8	1,863
Salary range, $1,500 to $1,860; average, $1,680—						
Scaler	35	1,680	35	1,680	28.2	1,680
Forest ranger	1	1,680	1	1,680	1.4	1,680
Clerk	1	1,680	1	1,680	0.6	1,680
Salary range, $1,320 to $1,680; average, $1,500—						
Forest guard	3	1,540	3	1,540	4	1,545
Salary range, $1,140 to $1,500; average, $1,320—						
Assistant scaler					0.5	1,320
Total average number of employees	70		70		59.5	
Total salaries and wages, field service		130,320.00		130,320.00		109,350.00
Deduct allowance value of quarters, fuel, and light furnished		11,580.00		11,580.00		9,900.00
Cash payment, salaries and wages		118,740.00		118,740.00		99,450.00
Miscellaneous and temporary labor, $8 to $1 per day		15,000.00		25,000.00		12,570.43
01 Total personal services		133,740.00		143,740.00		112,020.43
Supplies and materials:						
0200 Stationery and office supplies		100.00		100.00		49.99
0230 Fuel		8,000.00		12,000.00		3,455.10
0250 Forage and other supplies for animals		1,500.00		1,500.00		417.87
0260 Provisions		2,000.00		3,000.00		1,326.66
0280 Sundry supplies		1,000.00		2,000.00		974.48
02 Total supplies and materials		12,600.00		18,600.00		6,224.10
Communication service:						
0500 Telegraph service		150.00		150.00		
0510 Telephone service		150.00		150.00		54.94
05 Total communication service		300.00		300.00		54.94
Travel expense:						
0600 Commercial transportation		3,500.00		4,000.00		4,170.42
0630 Per diem in lieu of subsistence		1,500.00		2,000.00		
06 Total travel expenses		5,000.00		6,000.00		4,170.42
07 Transportation of things		500.00		500.00		476.36
08 Printing, engraving, lithographing, photographing, and typewriting		500.00		1,000.00		237.81
09 Advertising and publication of notices		1,000.00		1,000.00		611.73
11 Rents		700.00		700.00		236.96
12 Repairs and alterations		9,000.00		9,000.00		9,277.40
13 Special and miscellaneous expenses		960.00		860.00		83.19
Equipment:						
3000 Passenger-carrying vehicles		1,500.00		2,200.00		492.50
3010 Furniture, furnishings, and fixtures		1,200.00		2,000.00		2,150.42
3050 Other equipment		5,000.00		8,000.00		8,764.11
30 Total equipment		7,700.00		12,200.00		11,407.03
32 Structures and parts, and nonstructural improvements to land		3,000.00		5,100.00		2,657.17
Reserve				1,000.00		
		176,000.00		200,000.00		147,457.54
Less amount expended from collections						47,457.54
Total		175,000.00		200,000.00		100,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Emergency Authorization for Forest Fire Fighting—		
To meet possible emergencies, not exceeding $50,000 of the funds held by the United States in trust for the respective tribes of Indians interested and not exceeding $50,000 of the appropriations made by this act for timber operations in the Indian Service; in all, $100,000, is hereby made available for the suppression of forest fires on Indian reservations: *Provided*, That any diversions of appropriations made hereunder shall be reported to Congress in the annual Budget (*U. S. C., p. 690, sec. 13; act Jan. 12, 1927, vol. 44, p. 942*).		

The following diversions were made under this authority during the fiscal year 1927:

	Expenses, sale of timber	Indian moneys, proceeds of labor, Yakima Indians	Total
Tulalip Agency, Wash	$2,000		$2,000
Yakima Agency, Wash		$1,000	1,000
Total	2,000	1,000	3,000

Industry Among Indians—		
For the purpose of encouraging industry and self-support among the Indians and to aid them in the culture of fruits, grains, and other crops, [$175,000] *$185,000*, or so much thereof as may be necessary, which sum may be used for the purchase of seeds, animals, machinery, tools, implements, and other equipment necessary, [and for advances to Indians having irrigable allotments to assist them in the development and cultivation thereof] in the discretion of the Secretary of the Interior, to enable Indians to become self-supporting: *Provided*, That the expenditures for the purposes above set forth shall be under conditions to be prescribed by the Secretary of the Interior for [its] repayment to the United States on or before June 30, [1933] *1934*: *Provided further*, That not to exceed $15,000 of the amount herein appropriated shall be expended on any one reservation or for the benefit of any one tribe of Indians, and that no part of this appropriation shall be used for the purchase of tribal herds: *Provided further*, That the Secretary of the Interior is hereby authorized, in his discretion and under such rules and regulations as he may prescribe, to make advances from this appropriation to *Indians having irrigable allotments to assist them in the development and cultivation thereof, and to* old, disabled, or indigent Indian allottees, for their support, to remain a charge and lien against their lands until paid (*U. S. C., p. 690, sec. 13; act Jan. 12, 1927, vol. 44, p. 942*)	$185,000.00	$175,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
01	Total personal services (irregular labor)	$10,000.00	$10,000.00	$7,414.27
	Supplies and materials:			
0230	Fuel	400.00	400.00	94.25
0250	Forage and other supplies for animals	7,000.00	7,000.00	660.87
0260	Provisions	2,000.00	2,000.00	822.61
0280	Sundry supplies	50,000.00	50,000.00	48,926.57
02	Total supplies and materials	59,400.00	59,400.00	50,504.30
05	Communication service			2.79
06	Travel expenses	500.00	500.00	466.83
07	Transportation of things	12,000.00	10,000.00	8,979.61
12	Repairs and alterations	3,000.00	2,000.00	1,529.98
13	Special and miscellaneous expenses	15,600.00	10,100.00	1,859.62
	Equipment:			
3010	Furniture, furnishings, and fixtures	500.00	1,000.00	
3040	Livestock	40,000.00	35,000.00	53,226.95
3050	Other equipment	34,000.00	30,000.00	32,972.12
30	Total equipment	74,500.00	66,000.00	86,199.07
32	Structures and parts, and nonstructural improvements to land	10,000.00	15,000.00	10,396.49
			173,000.00	167,352.96
	Unobligated balance			7,647.04
	Reserve		2,000.00	
	Total	185,000.00	175,000.00	175,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Revolving Fund, Fort Belknap Reservation, Mont. (Tribal Funds)—

For the creation of a revolving reimbursable appropriation from the funds on deposit in the United States Treasury to the credit of the Fort Belknap Indians, Montana, subject to expenditure in the discretion of the Secretary of the Interior in the purchase of seed, animals, machinery, tools, implements, building material, and other equipment and supplies for sale to individual members of the tribe under the reimbursable regulations of August 7, 1918, as authorized by the act of July 3, 1926, $25,000 (act July 3, 1926, vol. 44, p. 902) (submitted).

13 Special and miscellaneous expenses (establishment industrial revolving fund): Expenditure—$25,000.

Revolving Fund, Menominee Reservation, Wis. (Tribal Funds)—

The Secretary of the Interior is hereby authorized to set aside as a revolving reimbursable fund the sum of $50,000 from the money on deposit in the United States Treasury to the credit of the Menominee Indians of Wisconsin, and in his discretion to expend said sum in the construction of homes for individual members of the tribe, and in the purchase for sale to them of seed, animals, machinery, tools, implements, building materials, and other equipment and supplies, under such rules and regulations as he may prescribe. Repayments shall be credited to said revolving fund and may be again expended for similar purposes until no longer required therefor, when the unexpended balances, together with future repayments, shall be returned to the fund from which taken. The Secretary of the Interior is also hereby authorized, under such rules and regulations as he may prescribe, to make advances therefrom to old, disabled, or indigent Indians for their support, to remain a charge and lien against their lands until paid (U. S. C., p. 690, sec. 13) (submitted).

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
13 Special and miscellaneous expenses	$50,000		
Total	50,000		
Transferred from trust funds of Indian tribes	50,000		

Purchase of Sheep for Southern Ute Indians, Colorado (Tribal Funds)—

For the purchase of sheep for the Southern Ute Indians as authorized by section 5 of the act of February 20, 1895 (Twenty-eighth Statutes at Large, page 678), $20,000, to be taken from the proceeds of land sales under said act and to be expended under such rules and regulations as the Secretary of the Interior may prescribe (act Feb. 20, 1895, vol. 28, p. 678) (submitted).

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
30 Equipment (livestock)	$20,000		
Total	20,000		
Transferred from trust funds of Indian tribes	20,000		

Suppressing Contagious Diseases Among Livestock of Indians—

[For reimbursing Indians for livestock which may be hereafter destroyed on account of being infected with dourine or other contagious diseases, and for expenses in connection with the work of eradicating and preventing such diseases, to be expended under such rules and regulations as the Secretary of the Interior may prescribe, $30,000, to be immediately available] *(acts May 18, 1916, vol. 39, p. 128, sec. 1; Jan. 12, 1927, vol. 44, p. 942)* $30,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
01 Total personal services (irregular labor)		$6,000.00	$5,955.75
Supplies and materials:			
0250 Forage and other supplies for animals		100.00	13.80
0260 Provisions		200.00	61.14
0280 Sundry supplies		700.00	85.70
02 Total supplies and materials		1,000.00	160.64
06 Travel expense		100.00	33.47
13 Special and miscellaneous expenses (312 horses destroyed, 1927)		16,601.72	7,320.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Suppressing Contagious Diseases Among Livestock of Indians—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Equipment:			
3010 Furniture, furnishings, and fixtures			$117.20
3040 Livestock			98.00
3050 Other equipment		$300.00	313.22
30 Total equipment		300.00	528.42
			13,998.28
Expended from 1927-28 appropriation			5,998.28
Total		24,001.72	8,000.00

Water Supply for Stock and Increasing Grazing Range on Unallotted Indian Lands (Reimbursable)—

For improving springs, drilling wells, and otherwise developing and conserving water for the use of Indian stock, including the purchase, construction, and installation of pumping machinery, tanks, troughs, and other necessary equipment, and for necessary investigations and surveys, for the purpose of increasing the available grazing range on unallotted lands on Indian reservations, $5,000, to be reimbursed under such rules and regulations as the Secretary of the Interior may prescribe: *Provided*, That the necessity exists on any Indian reservation so far as the Indians themselves are concerned (*U. S. C., p. 690, sec. 13; act Jan. 12, 1927, vol. 44, p. 942*) ..... $5,000.00 | $5,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
01 Total personal services (irregular labor)	$3,000	$3,000	
12 Repairs and alterations	1,000	1,000	
32 Structures and parts, and nonstructural improvements to land	1,000	500	
		4,500	
Unobligated balance			$4,950
Reserve		500	50
Total	5,000	5,000	5,000

Maintenance and Operation, Water Works, Papago Indian Villages, Arizona—

For operation and maintenance of pumping plants for distribution of a water supply for Papago Indian villages in southern Arizona, and construction of charcos (*U. S. C., p. 690, sec. 13; act Jan. 12, 1927, vol. 44, p. 943*) ..... 18,000.00 | 18,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $3,300 to $3,900; average, $3,600—						
Engineer	0.4	$3,400	0.4	$3,400	0.4	$3,400
Salary range, $2,100 to $2,700; average, $2,400—						
Foreman pumping station	0.3	2,220	0.3	2,220	0.3	2,220
Operator pumping station	0.7	2,100	0.7	2,100	0.7	2,100
Salary range, $1,860 to $2,400; average, $2,100—						
Senior clerk	0.2	1,920	0.2	1,920	0.2	1,920
Operator pumping station	0.8	1,920	0.8	1,920	0.8	1,920
Salary range, $1,320 to $1,680; average, $1,500—						
Junior clerk	0.1	1,320	0.1	1,320	0.1	1,320
Total average number of employees	2.5		2.5		2.5	
Total salaries and wages, field service		5,242.00		5,242.00		5,242.00
Deduct allowance value of quarters, fuel, and light furnished		442.00		442.00		442.00
Cash payment, salaries and wages		4,800.00		4,800.00		4,800.00
Miscellaneous and temporary labor, $8 to $1 per day		5,700.00		6,200.00		7,203.57
01 Total personal services		10,500.00		11,000.00		12,003.57

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Maintenance and Operation, Water Works, Papago Indian Villages, Arizona—Con.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Supplies and materials:			
0230 Fuel	$2,000.00	$2,000.00	$2,498.13
0280 Sundry supplies	150.00	150.00	66.22
02 Total supplies and materials	2,150.00	2,150.00	2,564.35
06 Travel expense	200.00		201.25
07 Transportation of things	500.00	500.00	1,105.79
08 Printing, engraving, lithographing, photograping, and typewriting			3.39
12 Repairs and alterations	3,000.00	3,000.00	1,562.41
30 Equipment	350.00	350.00	9.74
32 Structures and parts, and nonstructural improvements to land	1,300.00	500.00	
		17,500.00	17,450.50
Unobligated balance			549.50
Reserve		500.00	
Total	18,000.00	18,000.00	18,000.00

Water Supply, Papago Reservation, Arizona—
For improvement of the water supply for the school, agency, hospital and Indians on the Papago Reservation, Arizona (U. S. C., p. 690, sec. 13) (submitted) $25,000.00

32 Structures and parts and nonstructural improvements to land: Expenditure, 1929, $25,000.

Water Supply, Navajo and Hopi Indians, Arizona (Reimbursable)—
For continuing the development of a water supply for the Navajo and Hopi Indians on the Hopi Reservation, and the [Navajo, Pueblo Bonito, San Juan, and Western Navajo] *several* subdivisions of the Navajo Reservation in Arizona and New Mexico, [$43,000] *$50,000*, reimbursable out of any funds of said Indians now or hereafter available *(U. S. C., p. 690, sec. 13; act Jan. 12, 1927, vol. 44, p. 943)* 50,000.00 $43,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $2,400 to $3,000; average, $2,700—						
Assistant engineer	0.1	$2,400	0.1	$2,400		
General foreman	1	2,400	1	2,400	1	$2,400
Salary range, $1,860 to $2,400; average, $2,100—						
General foreman	0.4	2,040	0.4	2,040	0.4	2,040
Salary range, $1,320 to $1,680; average, $1,500—						
Subforeman	1	1,320	1	1,320	1	1,320
Total average number of employees	2.5		2.5		2.4	
Total salaries and wages, field service		4,770.00		4,770.00		4,570.00
Deduct allowance value of quarters, fuel, and light furnished		300.00		300.00		300.00
Cash payment, salaries and wages		4,470.00		4,470.00		4,270.00
Miscellaneous and temporary labor, $8 to $1 per day		28,530.00		23,530.00		21,715.14
01 Total personal services		33,000.00		28,000.00		25,985.14
Supplies and materials:						
0230 Fuel		1,000.00		1,000.00		981.61
0280 Sundry supplies		200.00		200.00		268.95
02 Total supplies and materials		1,200.00		1,200.00		1,250.56
Travel expense:						
0600 Commercial transportation		1,000.00		700.00		577.30
0630 Per diem in lieu of subsistence						27.05
06 Total travel expense		1,000.00		700.00		604.35
07 Transportation of things		3,500.00		3,500.00		2,206.76
11 Rents						270.00
12 Repairs and alterations		4,000.00		3,000.00		3,313.98
Equipment:						
3000 Passenger-carrying vehicles						533.00
3010 Furniture, furnishings, and fixtures						29.50
3050 Other equipment		1,500.00		1,000.00		1,162.62
30 Total equipment		1,500.00		1,000.00		1,725.12
32 Structures and parts, and nonstructural improvements to land		5,800.00		4,600.00		4,202.63
				42,000.00		39,558.54
Unobligated balance						441.46
Reserve				1,000.00		
Total		50,000.00		43,000.00		40,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), data of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Water System, Reno-Sparks Indian Colony, Nev.—		
For water system for the Indians of the Reno-Sparks Indian Colony, near Reno, Nevada, as authorized by the act of March 3, 1927, $6,000 (act Mar. 3, 1927, vol. 44, p. 1369) (submitted)	$6,000.00	
32 Structures and parts and nonstructural improvements to land: Expenditure, 1929, $6,000.		
Improvement of Water Supply, Northern Navajo School, New Mexico (Tribal Funds)—		
For improvement of the water supply, including construction of a deep well for the Northern Navajo School and Agency, Shiprock, New Mexico, $28,000, payable from the tribal funds to the credit of the Indians of the Northern Navajo jurisdiction (U. S. C., p. 690, sec. 13) (submitted).		
32 Structures and parts and nonstructural improvements to land: Expenditure, 1929, $28,000.		
Water Supply, Pueblo Indians, New Mexico—		
For continuing the sinking of wells on Pueblo Indian land, New Mexico, to provide water for domestic and stock purposes, and for building tanks, troughs, pipe lines, and other necessary structures for the utilization of such water (*U. S. C., p. 690, sec. 13; act Jan. 12, 1927, vol. 44, p. 943*)	2,500.00	$3,500.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Field service:				
Salaries and wages—		*Average—*	*Average—*	*Average—*
Salary range, $2,400 to $3,000; average, $2,700—		*No.* *Salary*	*No.* *Salary*	*No.* *Salary*
Superintendent of construction		0.1 $2,500	0.1 $2,500	0.1 $2,500
Total average number of employees		0.1	0.1	0.1
Total gross salaries and wages		208	208	208
Miscellaneous and temporary labor, $8 to $1 per day		1,592	2,692	1,177
01	Total personal services	1,800	2,900	1,385
	Supplies and materials:			
0230	Fuel	100.00	100.00	129.52
0280	Sundry supplies	50.00	50.00	69.79
02	Total supplies and materials	150.00	150.00	199.31
06	Travel expenses	10.00	10.00	
07	Transportation of things	25.00	25.00	
11	Rents	100.00	100.00	84.00
12	Repairs and alterations	315.00	315.00	771.38
30	Equipment			24.97
32	Structures and parts, and nonstructural improvements to land	100.00		
				2,464.66
	Unobligated balance			35.34
	Total	2,500.00	3,500.00	2,500.00

Irrigation, Indian Reservations (Reimbursable)—

For the construction, repair, and maintenance of irrigation systems, and for purchase or rental of irrigation tools and appliances, water rights, ditches, and lands necessary for irrigation purposes for Indian reservations and allotments; for operation of irrigation systems or appurtenances thereto when no other funds are applicable or available for the purpose; for drainage and protection of irrigable lands from damage by floods or loss of water rights, upon the Indian irrigation projects named below, in not to exceed the following amounts, respectively:

Irrigation district one: Colville Reservation, Washington, [$6,000] *$8,000*;

Irrigation district two: Walker River Reservation, Nevada, [$4,500] *$6,000*; Western Shoshone Reservation, Idaho and Nevada, $4,000; Shivwits, Utah, $250;

Irrigation district four: Ak Chin Reservation, Arizona, $4,000; Chiu Chui pumping plants, Arizona, $6,000; Coachella Valley pumping plants, California, [$3,500] *$2,000*; Morongo Reservation, California, $3,500; Pala and Rincon Reservations, California, $2,000; miscellaneous projects, [$4,000] *$5,000*;

Irrigation district five: New Mexico Pueblos, [$13,000] *$11,000*, [of which amount not to exceed $725 shall be available for payment of damages to crops and improvements destroyed in constructing the Isleta drainage canal;] Zuni Reservation, New Mexico, $7,500; Navajo and Hopi, miscellaneous projects, Arizona and New Mexico, including Tes-nos-pos, Moencopi Wash, Kin-le-chee, Wide Ruins, Red Lake, Corn Creek, Wepo Wash, Oraibi Wash, and Polacca Wash, $10,000; Southern Ute Reservation, Colorado, $10,000;

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Irrigation, Indian Reservations (Reimbursable)—Continued. For necessary miscellaneous expenses incident to the general administration of Indian irrigation projects, including salaries of not to exceed five supervising engineers, for pay of one chief irrigation engineer, one assistant chief irrigation engineer, one superintendent of irrigation competent to pass upon water rights, one field cost accountant, and for traveling and incidental expenses of officials and employees of the Indian irrigation service, $75,000; For cooperative stream gauging with the United States Geological Survey, $850; In all, for irrigation on Indian reservations, not to exceed [$150,000] *$151,000*, reimbursable as provided in the act of August 1, 1914 (Thirty-eighth Statutes at Large, page 582): *Provided*, That no part of this appropriation shall be expended on any irrigation system or reclamation project for which public funds are or may be otherwise available: *Provided further*, That the foregoing amounts appropriated for such purposes shall be available interchangeably, in the discretion of the Secretary of the Interior, for the necessary expenditures for damages by floods and other unforeseen exigencies: *Provided, however*, That the amount so interchanged shall not exceed in the aggregate 10 per centum of all the amounts so appropriated: *Provided further, That the costs of irrigation projects and of operating and maintaining such projects where reimbursement thereof is required by law shall be apportioned on a per acre basis against the lands under the respective projects and shall be collected by the Secretary of the Interior as required by such law, and any unpaid charges outstanding against such lands shall constitute a first lien thereon which shall be receited in any patent or instrument issued for such lands (acts June 25, 1910, vol. 36, p. 858, sec. 13; Aug. 1, 1914, vol. 38, p. 582; Jan. 12, 1927, vol. 44, p. 943)*	$151,000.00	$150,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
Salary range, $5,200 to $6,000; average, $5,600—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Chief engineer	1	$5,200	1	$5,200	1	$5,200
Salary range, $3,800 to $5,000; average, $4,400—						
Assistant chief engineer	1	4,600	1	4,600	1	4,533
Supervising engineer	5	3,800	5	3,800	4.3	3,800
Salary range, $3,300 to $3,900; average, $3,600—						
Superintendent of irrigation	1	3,600	1	3,600	1	3,300
Salary range, $3,000 to $3,600; average, $3,300—						
Field cost accountant	1	3,000	1	3,000	1	3,000
Salary range, $2,400 to $3,000; average, $2,700—						
Assistant engineer	1.5	2,700	1.5	2,700	1.5	2,700
Superintendent of construction	1.3	2,500	1.3	2,500	1.3	2,500
Foreman	0.3	2,400	0.3	2,400	0.3	2,400
Foreman pumping station	1	2,400	1	2,400	1	2,400
Salary range, $2,100 to $2,700; average, $2,400—						
Senior clerk	5	2,280	5	2,280	4.6	2,296
Instrument man	0.1	2,100	0.1	2,100	0.1	2,100
Storekeeper	0.3	2,100	0.3	2,100	0.3	2,100
Operator pumping plant	0.3	2,100	0.3	2,100	0.3	2,100
Salary range, $1,860 to $2,400; average, $2,100—						
Senior clerk	1.1	1,920	1.1	1,920	1.1	1,920
Operator pumping plant	0.5	1,860	0.5	1,920	0.5	1,920
Garage man	0.1	1,860	0.1	1,860	0.1	1,860
Assistant supervisor of ditches	0.7	1,860	0.7	1,860	0.7	1,860
Salary range, $1,680 to $2,040; average, $1,860—						
General foreman	1	1,740	1	1,740	1	1,740
Clerk	2.8	1,680	2.8	1,680	2.8	1,680
Instrument man	0.8	1,680	0.8	1,680	0.8	1,680
Salary range, $1,500 to $1,860; average, $1,680—						
Junior clerk	1	1,500	1	1,500	1	1,500
Watermaster	0.1	1,500	0.1	1,500	0.1	1,500
Motor-truck driver	0.2	1,500	0.2	1,500	0.2	1,500
Salary range, $1,320 to $1,680; average, $1,500—						
Junior clerk	2.3	1,356	2.3	1,356	2.3	1,356
Timekeeper	0.7	1,440	0.7	1,440	0.7	1,440
Subforeman	1	1,320	1	1,320	1	1,320
Salary range, $1,140 to $1,500; average, $1,320—						
Junior clerk	0.3	1,200	0.3	1,200	0.3	1,200
Ditch rider	0.6	1,200	0.6	1,200	0.6	1,200
Total average number of employees	32		32		30.9	
Total salaries and wages, field service		79,290.00		79,290.00		79,515.00
Deduct allowance value of quarters, fuel, and light furnished		1,290.00		1,290.00		1,215.00
Cash payment, salaries and wages		78,000.00		78,000.00		78,300.00
Miscellaneous and temporary labor $8 to $1 per day		40,000.00		40,000.00		28,123.83
01 Total personal services		118,000.00		118,000.00		106,423.83
Supplies and materials:						
0200 Stationery and office supplies		50.00		50.00		51.38
0230 Fuel		4,000.00		4,000.00		4,383.65
0280 Sundry supplies		750.00		750.00		763.44
02 Total supplies and materials		4,800.00		4,800.00		5,198.47

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Irrigation, Indian Reservations (Reimbursable)—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Communication service:			
0500	Telegraph service		$75.00	$78.04
0510	Telephone service	$800.00	800.00	680.00
0520	Other communication service	50.00	50.00	64.60
05	Total communication service	850.00	925.00	822.71
	Travel expenses:			
0600	Commercial transportation	4,000.00	4,000.00	5,961.23
0630	Per diem in lieu of subsistence	2,000.00	2,000.00	2,064.50
06	Total travel expenses	6,000.00	6,000.00	8,025.73
07	Transportation of things	2,000.00	2,000.00	3,055.42
08	Printing, engraving, lithographing, photographing, and typewriting	250.00	250.00	1,036.75
10	Furnishing of heat, light, power, water, and electricity	50.00	50.00	28.40
	Rents:			
1100	Rent of buildings and structures	2,500.00	2,500.00	2,688.00
1110	Other rents	200.00	200.00	132.25
11	Total rents	2,700.00	2,700.00	2,820.25
12	Repairs and alterations	5,000.00	5,000.00	12,888.37
13	Special and miscellaneous expenses	750.00	750.00	918.52
	Equipment:			
3010	Furniture, furnishings, and fixtures	100.00	100.00	92.25
3050	Other equipment	3,000.00	1,900.00	1,245.90
30	Total equipment	3,100.00	2,000.00	1,338.15
32	Structures and parts, and nonstructural improvements to land	7,500.00	4,525.00	3,549.49
			147,000.00	146,106.09
	Unobligated balance			8,893.91
	Reserve		3,000.00	
	Total	151,000.00	150,000.00	155,000.00

Maintenance and Operation, Irrigation System, Pima Indian Lands, Arizona (Reimbursable)—

For operation and maintenance of the pumping plants and irrigation system for the irrigation of the lands of the Pima Indians in the vicinity of Sacaton, on the Gila River Indian Reservation, Arizona, $13,000, reimbursable as provided in section 2 of the act of August 24, 1912 (Thirty-seventh Statutes at Large, page 522) (*acts June 21, 1906, vol. 34, p. 333, sec. 1; Jan. 12, 1927, vol. 44, p. 944*) $13,000.00 $13,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Field service:			
	Salaries and wages—	*Average—*	*Average—*	*Average—*
	Salary range, $1,680 to $2,040; average, $1,860—	*No.* *Salary*	*No.* *Salary*	*No.* *Salary*
	Engineer	1 $1,920	1 $1,920	1 $1,920
	Salary range, $1,140 to $1,500; average, $1,320—			
	Stationary engineer	1 1,660	1 1,660	1 1,660
	Total average number of employees	2	2	2
	Total salaries and wages, field service	3,580.00	3,580.00	3,580.00
	Deduct allowance value of quarters, fuel, and light furnished	360.00	360.00	360.00
	Cash payment, salaries and wages	3,220.00	3,220.00	3,220.00
	Miscellaneous and temporary labor, $8 to $1 per day	3,780.00	3,780.00	1,289.38
01	Total personal services	7,000.00	7,000.00	4,509.38
	Supplies and materials:			
0230	Fuel	500.00	500.00	318.84
0280	Sundry supplies	500.00	500.00	323.34
02	Total supplies and materials	1,000.00	1,000.00	642.18
07	Transportation of things	40.00	40.00	59.01
10	Furnishing of heat, light, power, water, and electricity	4,000.00	4,000.00	6,181.17
12	Repairs and alterations	500.00		905.73
32	Structures and parts, and nonstructural improvements to land	460.00	460.00	335.05
			12,500.00	12,632.52
	Unobligated balance			2,367.48
	Reserve		500.00	
	Total	13,000.00	13,000.00	15,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Irrigation Project, Gila River Reservation, Ariz. (Reimbursable)— For all purposes necessary for continuing the construction of the canals and structures and for drains, pumping plants, transmission lines, and other project works, and for the maintenance and operation of existing structures, to distribute the waters of the San Carlos project to the Indian lands of the Gila River Indian Reservation, and to public and private lands in Pinal County, Arizona, begun under the Indian appropriation act of May 18, 1916, so as to provide for an adequate distribution system for the waters of the San Carlos storage project as authorized by the act of Congress approved June 7, 1924, reimbursable as provided in said act of June 7, 1924, [$150,000] *$485,000*: *Provided*, That the unexpended balance of the appropriation for this purpose for the fiscal year [1927] *1928* shall remain available for the fiscal year [1928] *1929*: *Provided further, That the Secretary of the Interior is authorized, in his discretion, to effect a merger of the Florence-Casa Grande project in whole or in part, with the San Carlos project, and to require payments for both projects under the terms of the last mentioned act: Provided further, That the cost of the distributing system for the San Carlos project shall be reimbursed to the United States in like manner as other construction costs of said project (acts May 18, 1916, vol. 39, p. 130, sec. 2; Jan. 12, 1927, vol. 44, p. 944)*	$485,000.00	$150,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
Salary range, $3,300 to $3,900; average, $3,600—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Engineer	1	$3,400	1	$3,400	1	$3,400
Salary range, $2,400 to $3,000; average, $2,700—						
Assistant engineer	2	2,500	0.2	2,500	0.2	2,500
General foreman	2	2,400	1	2,400	1	2,400
Salary range, $1,860 to $2,400; average, $2,100—						
Senior clerk	2.5	2,068	1.4	2,116	1.4	2,116
Instrument man	1	2,100	0.5	2,100	0.5	2,100
Foreman	2	2,170	0.5	2,066	0.5	2,066
Salary range, $1,680 to $2,040; average, $1,860—						
Gate tender	1	1,800	0.8	1,800	0.8	1,800
Instrument man	1	1,680	0.1	1,680	0.1	1,680
Salary range, $1,320 to $1,680; average, $1,500—						
Junior clerk	1	1,320	0.8	1,320	0.8	1,320
Timekeeper	1	1,320	0.8	1,320	0.8	1,320
Chainman			0.9	1,440	0.9	1,440
Salary range, $1,140 to $1,500; average, $1,320—						
Chainman	2	1,140	0.1	1,140	0.1	1,140
Rodman	2	1,140	0.4	1,140	0.4	1,140
Total average number of employees	18.5		8.5		8.5	
Total salaries and wages, field service		35,490.00		16,918.00		16,918.00
The difference between 1929 and 1928 is due to increase in force, $18,572.						
Deduct allowance value of quarters, fuel, and light furnished		490.00		50.00		50.00
Cash payment, salaries and wages		35,000.00		16,868.00		16,868.00
Miscellaneous and temporary labor, $8 to $1 per day		215,000.00		95,132.00		61,624.64
01 Total personal services		250,000.00		112,000.00		78,492.64
Supplies and materials:						
0230 Fuel		15,000.00		5,000.00		7,957.01
0250 Forage and other supplies for animals		5,000.00		1,000.00		2,724.81
0260 Provisions		5,000.00		3,000.00		3,424.50
0280 Sundry supplies						697.04
02 Total supplies and materials		25,000.00		9,000.00		14,803.36
Communication service:						
0500 Telegraph service		10.00		5.00		5.36
0510 Telephone service		240.00		145.00		141.20
0520 Other communication service						4.00
05 Total communication service		250.00		150.00		150.56
06 Travel expense		250.00		250.00		438.40
07 Transportation of things		15,500.00		10,000.00		15,580.72
08 Printing, engraving, lithographing, photographing, and typewriting						86.24
11 Rents		1,500.00		1,600.00		2,356.44
12 Repairs and alterations		50,000.00		5,000.00		6,752.65
13 Special and miscellaneous expenses						7.85
30 Equipment		2,000.00		2,000.00		1,089.99
32 Structures and parts, and nonstructural improvements to land		140,500.00		9,000.00		17,410.04
				149,000.00		137,168.89
Unobligated balance						12,831.11
Reserve				1,000.00		
Total		485,000.00		150,000.00		150,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Coolidge Dam Across Canyon of Gila River near San Carlos, Ariz. (Reimbursable)— [For continuing construction of the Coolidge Dam across the Canyon of the Gila River near San Carlos, Arizona, as authorized by the act of June 7, 1924 (Forty-third Statutes at Large, pages 475 and 476), and under the terms and conditions of, and reimbursable as provided in said act, $750,000: *Provided*, That the unexpended balance of the appropriations for this purpose for the fiscal year 1927 shall remain available for the fiscal year 1928: *Provided further*, That consulting engineers may be employed by the Secretary of the Interior in the manner and under the terms provided in the act of March 18, 1926 (Public Law Numbered 50), for advice relating to the construction of said dam] (*acts June 7, 1924, vol. 43, p. 475; Jan. 12, 1927, vol. 44, p. 944*)		$750,000.00

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Field service:						
	Salaries and wages—	*Average—*		*Average—*		*Average—*	
	Salary range, $3,300 to $3,900; average, $3,600—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Associate engineer			2	$3,400		
	Salary range, $3,000 to $3,600; average, $3,300—						
	Associate engineer			1	3,000	2	$3,000
	Salary range, $2,700 to $3,300; average, $3,000—						
	Assistant engineer			1	2,700		
	Salary range, $2,400 to $3,000; average, $2,700—						
	Assistant engineer			1	2,400	3.4	2,400
	Draftsman			1	2,400	1	2,400
	Foreman			1	2,400	1	2,400
	Principal clerk			1	2,400		
	Salary range, $2,100 to $2,700; average, $2,400—						
	Principal clerk					1	2,100
	Foreman			1	2,160	1	2,160
	Instrument man			2	2,100	1.4	2,100
	Salary range, $1,860 to $2,400; average, $2,100—						
	Junior engineer			1	1,860	1	1,860
	Instrument man					1.7	1,860
	Appraiser			1	2,160	1	2,160
	Salary range, $1,680 to $2,040; average, $1,860—						
	Clerk			1	1,680	1	1,680
	Foreman, sub			1	1,800	1	1,800
	Inspector			3	1,800	1	1,800
	Salary range, $1,320 to $1,680; average, $1,500—						
	Junior clerk			1	1,320	1	1,320
	Chainman			4	1,320	4	1,320
	Total average number of employees			23		22.5	
	Total salaries and wages, field service				45,860.00		45,235.00
	Deduct allowance value of quarters, fuel, and light furnished				5,260.00		5,135.00
	Cash payment, salaries and wages				40,600.00		40,100.00
	Miscellaneous and temporary labor, $8 to $1 per day				19,400.00		59,812.25
01	Total personal services				60,000.00		99,912.25
	Supplies and materials:						
0200	Stationery and office supplies				25.00		61.21
0230	Fuel				1,575.00		3,509.29
0250	Forage and other supplies for animals				200.00		1,008.00
0280	Sundry supplies				100.00		4,825.56
02	Total supplies and materials				1,900.00		9,404.06
	Communication service:						
0500	Telegraph service				25.00		64.26
0510	Telephone service				50.00		127.05
0520	Other communication service						35.00
05	Total communication service				75.00		226.31
06	Travel expense				200.00		2,942.89
07	Transportation of things				10,000.00		10,176.96
08	Printing, engraving, lithographing, photographing, and typewriting						910.71
09	Advertising and publication of notices						30.10
10	Furnishing of heat, light, power, water, and electricity				1,000.00		2,707.65
	Rents:						
1100	Rent of buildings and structures				600.00		600.00
1110	Other rents						2,062.00
11	Total rents				600.00		2,662.00
12	Repairs and alterations						7,344.27
13	Special and miscellaneous expenses				200.00		368.59

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Coolidge Dam Across Canyon of Gila River near San Carlos, Ariz. (Reimbursable)—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 apprn-priation	Expended and obligated, 1927
Equipment:			
3000 Passenger-carrying vehicles			$1,111.00
3010 Furniture, furnishings, and fixtures		$200.00	622.20
3040 Livestock			290.00
3050 Other equipment		500.00	7,684.04
30 Total equipment		700.00	9,707.24
32 Structures and parts, and nonstructural improvements to land		1,107,358.47	383,905.68
			530,298.71
Unobligated balance			432,033.47
		1,182,033.47	962,332.18
Less unexpended available balance prior appropriation		432,033.47	
Total		750,000.00	962,332.18

Irrigation, Colorado River Reservation, Ariz. (Reimbursable)—

For improvement, operation, and maintenance of the pumping plants and irrigation system on the Colorado River Indian Reservation, Arizona, as provided in the act of April 4, 1910 (Thirty-sixth Statutes at Large, page 273), [$10,000] *$5,000*, reimbursable as provided in the aforesaid act (*acts Apr. 4, 1910, vol. 36, p. 273, sec. 3; Jan. 12, 1927, vol. 44, p. 944*) ..... $5,000.00 | $10,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $2,400 to $3,000; average, $2,700—						
Assistant engineer	0.4	$2,800	0.4	$2,800	0.4	$2,800
Salary range, $2,100 to $2,700; average, $2,400—						
Water master	1	2,100	1	2,100	1	2,100
Operator pumping station	1	2,100	1	2,100	1	2,100
Salary range, $1,860 to $2,400; average, $2,100—						
Operator pumping plant	2.1	1,920	2.1	1,920	2.1	1,920
Salary range, $1,680 to $2,040; average, $1,860—						
Operator pumping plant	0.1	1,740	0.1	1,740	0.1	1,740
Salary range, $1,320 to $1,680; average, $1,500—						
Ditch rider	0.8	1,440	0.8	1,440	0.8	1,440
Junior clerk	0.3	1,320	0.3	1,320	0.3	1,320
Salary range, $1,140 to $1,500; average, $1,320—						
Ditch rider	0.3	1,260	0.3	1,260	0.3	1,260
Water-master assistant	0.1	1,260	0.1	1,260	0.1	1,260
Total average number of employees	6.1		6.1		6.1	
Total salaries and wages, field service		11,567.00		11,567.00		11,567.00
Deduct allowance value of quarters, fuel, and light furnished		1,067.00		1,067.00		1,007.00
Cash payment, salaries and wages		10,500.00		10,500.00		10,560.00
Miscellaneous and temporary labor, $8 to $1 per day		14,500.00		14,500.00		13,624.35
01 Total personal services		25,000.00		25,000.00		24,184.35
Supplies and materials:						
0230 Fuel		7,500.00		7,500.00		7,058.23
0280 Sundry supplies		500.00		500.00		646.15
02 Total supplies and materials		8,000.00		8,000.00		7,704.38
05 Communication service		5.00		5.00		3.94
06 Travel expense		145.00		145.00		145.12
07 Transportation of things		3,000.00		3,000.00		3,156.10
08 Printing, engraving, lithographing, photographing, and typewriting						15.86
11 Rents		50.00		50.00		44.00
12 Repairs and alterations		1,300.00		300.00		1,248.30
30 Equipment		500.00		500.00		604.55
32 Structures and parts, and nonstructural improvements to land		2,000.00		2,000.00		569.23
						37,674.93
Unobligated balance						648.99
		40,000.00		39,000.00		38,324.82
Less operation and maintenance collections		35,000.00		29,000.00		23,324.82
Total		5,000.00		10,000.00		15,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Maintenance and Operation, Ganado Irrigation Project, Navajo Reservation, Ariz. (Reimbursable)—		
For operation and maintenance of the Ganado irrigation project, Arizona, reimbursable under such rules and regulations as the Secretary of the Interior may prescribe (*U. S. C., p. 690, sec. 13; act Jan. 12, 1927, vol. 44, p. 944*)	$3,000.00	$2,800.00

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Field service:						
	Salaries and wages—	*Average—*		*Average—*		*Average—*	
	Salary range, $2,400 to $3,000; average, $2,700—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Superintendent of construction	0.2	$2,500	0.2	$2,500	0.2	$2,500
	Total average number of employees	0.2		0.2		0.2	
	Total salaries and wages, field service		417.00		417.00		417.00
	Miscellaneous and temporary labor $8 to $1 per day		1,583.00		1,583.00		3,006.12
01	Total personal services		2,000.00		2,000.00		3,423.12
02	Supplies and materials		100.00		100.00		75.84
06	Travel expenses		10.00		10.00		5.80
07	Transportation of things		15.00		15.00		27.12
12	Repairs and alterations		375.00		175.00		214.69
32	Structures and parts, and nonstructural improvements to land		500.00		500.00		110.68
	Unobligated balance						3,857.25
							142.75
	Total		3,000.00		2,800.00		4,000.00

Maintenance and Operation, Irrigation Project, San Xavier Reservation, Ariz. (Reimbursable)—		
For operation and maintenance of the irrigation project on the San Xavier Indian Reservation, Arizona, $2,000, reimbursable out of any funds of the Indians of this reservation now or hereafter available (*U. S. C., p. 690, sec. 13; act Jan. 12, 1927, vol. 44, p. 944*)	2,000.00	2,000.00

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Field service:						
	Salaries and wages—	*Average—*		*Average—*		*Average—*	
	Salary range, $3,300 to $3,900; average, $3,600—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Engineer			0.1	$3,400	0.1	$3,400
	Salary range, $2,100 to $2,700; average, $2,400—						
	Foreman pumping station			0.4	2,300	0.6	2,300
	Salary range, $1,860 to $2,400; average, $2,100—						
	Senior clerk			0.1	1,920	0.1	1,920
	Salary range, $1,320 to $1,680; average, $1,500—						
	Junior clerk			0.1	1,320	0.1	1,320
	Total average number of employees			0.7		0.9	
	Total salaries and wages, field service				1,513.00		1,896.00
	The difference between 1929 and 1928 is due to transfer of employees to other appropriation, $1,513.						
	Deduct allowance value of quarters, fuel, and light furnished				113.00		176.00
	Cash payment, salaries and wages				1,400.00		1,720.00
	Miscellaneous and temporary labor, $8 to $1 per day				200.00		436.27
01	Total personal services				1,600.00		2,156.27
	Supplies and materials:						
0230	Fuel				100.00		212.93
0280	Sundry supplies				15.00		20.52
02	Total supplies and materials				115.00		233.45
05	Communication service				5.00		6.00
07	Transportation of things				25.00		45.96
08	Printing, engraving, lithographing, photographing, and typewriting						2.05
12	Repairs and alterations				255.00		457.17
32	Structures and parts and nonstructural improvements to land		$2,000.00				
	Unobligated balance				2,000.00		2,900.00
							99.10
	Total		2,000.00		2,000.00		3,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Operation and Maintenance, Pumping Plants, San Carlos Reservation, Ariz. (Tribal Funds)—

For the operation and maintenance of pumping plants [and for the drilling of wells and installation of additional pumping plants] for the irrigation of lands on the San Carlos Reservation in Arizona [$10,000] *$7,000*, to be paid from the funds held by the United States in trust for the Indians of such reservation: *Provided*, That the sum so used shall be reimbursed to the tribe by the Indians benefited, under such rules and regulations as the Secretary of the Interior may prescribe (*U. S. C., p. 690, sec. 13; act Jan. 12, 1927, vol. 44, p. 944*).

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Field service:			
Salaries and wages—	*Average—*	*Average—*	*Average—*
Salary range, $1,860 to $2,400; average, $2,100—	*No.* *Salary*	*No.* *Salary*	*No.* *Salary*
Operator pumping station	1 $2,100	1 $2,100	1 $2,100
Senior clerk	0.4 2,010	0.4 2,010	0.4 2,010
Total average number of employees	1.4	1.4	1.4
Total salaries and wages, field service	2,770	2,770	2,770
Deduct allowance value of quarters, fuel, and light furnished	240	240	240
Cash payment, salaries and wages	2,530	2,530	2,530
Miscellaneous and temporary labor, $8 to $1 per day	1,270	2,470	2,460
01 Total salaries and wages	3,800	5,000	4,990
Supplies and materials:			
0230 Fuel	1,500.00	2,000.00	1,678.43
0280 Sundry supplies	100.00	100.00	72.40
02 Total supplies and materials	1,600.00	2,100.00	1,750.83
07 Transportation of things	100.00	500 00	196.74
12 Repairs and alterations	1,100.00	1,600.00	487.36
13 Special and miscellaneous expenses			5.10
30 Equipment			35.38
32 Structures and parts, and nonstructural, improvements to land	400.00	800.00	
			7,465.41
Unobligated balance			2,534.59
Total	7,000.00	10,000.00	10,000.00
Transferred from Indian moneys, proceeds of labor	7,000.00	10,000.00	10,000.00

Irrigation, Indian Lands, Yuma Reclamation Project, California and Arizona (Reimbursable)—

For reclamation and maintenance charges on Indian lands within the Yuma Reservation, California, and on ten acres within each of the eleven Yuma homestead entries in Arizona, under the Yuma reclamation project, [$10,000] *$7,000*, reimbursable as provided by the act of March 3, 1911 (Thirty-sixth Statutes at Large, page 1063) (*acts Apr. 21, 1904, vol. 33, p. 224, sec. 25; Jan. 12, 1927, vol. 44, p. 944*) $7,000.00 $10,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
13 Reclamation and maintenance charges	$36,000.00	$36,000.00	$82,182.56
Less amount expended from collections	29,000.00	26,000.00	47,182.56
Total	7,000.00	10,000.00	35,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Maintenance and Operation, Fort Hall Irrigation System, Idaho (Reimbursable)— For improvement, maintenance, and operation of the Fort Hall irrigation system, Idaho (*acts Mar. 1, 1907, vol. 34, p. 1024, sec. 1; Jan. 12, 1927, vol. 44, p. 945*)	$18,000.00	$28,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $3,800 to $5,000; average, $4,400—						
Supervising engineer	0.1	$3,800	0.1	$3,800	0.1	$3,800
Salary range, $2,700 to $3,300; average, $3,000—						
Engineer	0.5	2,700	0.5	2,700	0.5	2,700
Salary range, $2,400 to $3,000; average, $2,700—						
Assistant engineer	0.1	2,400	0.1	2,400	0.1	2,400
Superintendent of construction	0.1	2,400	0.1	2,400	0.1	2,400
Salary range, $1,860 to $2,400; average, $2,100—						
Instrument man	0.1	2,100	0.1	2,100	0.1	2,100
Salary range, $1,680 to $2,040; average, $1,860—						
Water master	1	1,860	1	1,860	1	1,860
Ditch rider	1	1,800	1	1,800	1	1,800
Salary range, $1,500 to $1,860; average, $1,680—						
Gate tender	1	1,620	1	1,620	1	1,620
Ditch rider	3.8	1,620	3.8	1,620	4.8	1,620
Foreman	0.5	1,500	0.6	1,500	0.6	1,500
Timekeeper	1	1,500	1	1,500	1	1,500
Salary range, $1,320 to $1,680; average, $1,500—						
Rodman	0.1	1,440	0.1	1,440	0.1	1,440
Total average number of employees	9.3		9.4		10.4	
Total salaries and wages, field service		15,966.00		16,091.00		17,711.00
The difference between 1929 and 1928 is due to transfer of salary to another appropriation, $125.						
Deduct allowance value of quarters, fuel, and light furnished		566.00		591.00		511.00
Cash payment, salaries and wages		15,500.00		15,500.00		17,200.00
Miscellaneous and temporary labor $8 to $1 per day		34,500.00		34,500.00		38,321.81
01 Total personal services		50,000.00		50,000.00		55,521.81
Supplies and materials:						
0230 Fuel		1,500.00		1,500.00		2,367.26
0250 Forage and other supplies for animals		150.00		150.00		196.00
0260 Provisions		300.00		300.00		660.04
0280 Sundry supplies		250.00		250.00		423.26
02 Total supplies and materials		2,200.00		2,200.00		3,646.56
05 Communication service		250.00		250.00		244.64
06 Travel expense		50.00		50.00		49.60
07 Transportation of things		1,000.00		1,000.00		1,435.68
08 Printing, engraving, lithographing, photographing, and typewriting						40.28
10 Furnishing of heat, light, power, water, and electricity		250.00		250.00		329.84
12 Repairs and alterations		7,550.00		7,550.00		3,633.05
13 Special and miscellaneous expenses						8.15
Equipment:						
3010 Furniture, furnishings, and fixtures						31.50
3050 Other equipment		200.00		200.00		414.17
30 Total equipment		200.00		200.00		445.67
32 Structures and parts, and nonstructural improvements to land		1,000.00		2,500.00		1,794.13
				64,000.00		67,149.41
Unobligated balance						335.38
Reserve				1,000.00		
		62,500.00		65,000.00		67,484.79
Less operation and maintenance collections		44,500.00		37,000.00		33,984.79
Total		18,000.00		28,000.00		33,500.00

Construction of Gibson Unit, Fort Hall Project, Idaho—
For extension of the irrigation system over an area of 9,670 acres of land within the Fort Hall irrigation project, Idaho, $145,000, as authorized by the act of March 3, 1927 (Forty-fourth Statutes at Large, pages 1398–1399), and under the terms and conditions of, and reimbursable as provided in, said act (act Mar. 3, 1927, vol. 44, p. 1398) (submitted) 145,000.00

32 Structures and parts and nonstructural improvements to land: Expenditure—$145,000.

Surveys and Investigations, Water Rights, Blackfoot River, Fort Hall Reservation—
[For surveys and investigations for the protection of water rights on the Blackfoot River, including investigation of any damage resulting from the operation of the Blackfoot Reservoir, $12,000, payable from funds received from the sale of excess stored waters of the Blackfoot Reservoir]
(*act Jan. 12, 1927, vol. 44, p. 945*) 12,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Surveys and Investigations, Water Rights, Blackfoot River, Fort Hall Reservation—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $3,800 to $5,000; average, $4,400—						
Supervising engineer			0.2	$3,800		
Salary range, $2,400 to $3,000; average, $2,700—						
Engineer			0.5	2,700		
Assistant engineer			0.2	2,400		
Salary range, $1,860 to $2,400; average, $2,100—						
Instrumentman			0.5	2,100		
Salary range, $1,320 to $1,680; average, $1,500—						
Rodman			2	1,440		
Total average number of employees			3.4			
Total salaries and wages, field service				6,313		
The difference between 1929 and 1928 is due to transfer of employees to another appropriation, $6,313.						
Miscellaneous and temporary labor $8 to $1 per day				2,687		
01 Total personal services				9,000		
Supplies and materials:						
0260 Provisions				200		
0280 Sundry supplies				1,000		
02 Total supplies and materials				1,200		
06 Commercial transportation				400		
11 Rents				800		
13 Special and miscellaneous expenses				500		
30 Other equipment				100		
Total				12,000		

Maintenance and Operation, Irrigation Systems, Fort Belknap Reservation, Mont. (Reimbursable)—

For maintenance and operation, including repairs of the irrigation systems on the Fort Belknap Reservation, in Montana, [$18,000] *$20,000*, reimbursable in accordance with the provisions of the act of April 4, 1910 (*acts June 10, 1896, vol. 29, p. 351, sec. 8; Jan. 12, 1927, vol. 44, p. 945*) $20,000.00 $18,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $2,100 to $2,700; average, $2,400—						
Foreman	1	$2,100	1	$2,100	1	$2,100
Salary range, $1,680 to $2,040; average, $1,860—						
Foreman	1	1,680			0.5	1,680
Salary range, $1,500 to $1,860; average, $1,680—						
Ditch rider	1.9	1,552	1.2	1,534	1	1,540
Total average number of employees	3.9		2.2		2.5	
Total salaries and wages, field service		6,755.00		3,890.00		4,480.00
The difference between 1929 and 1928 is due to increase in force, $2,865.						
Deduct allowance value of quarters, fuel, and light furnished		795.00		330.00		480.00
Cash payment, salaries and wages		5,960.00		3,560.00		3,000.00
Miscellaneous and temporary labor, $8 to $1 per day		10,040.00		10,440.00		14,534.39
01 Total personal services		16,000.00		14,000.00		17,534.39
Supplies and materials:						
0230 Fuel		500.00		500.00		458.34
0250 Forage and other supplies for animals		275.00		275.00		275.31
02 Total supplies and materials		775.00		775.00		733.65
06 Travel expense		50.00		50.00		54.10
07 Transportation of things		150.00		150.00		150.38
12 Repairs and alterations		3,000.00		1,000.00		1,138.50
32 Structures and parts and nonstructural improvements to land		2,025.00		2,025.00		508.28
				18,000.00		20,119.30
Unobligated balance						201.18
Reserve				1,000.00		
		22,000.00		19,000.00		20,320.48
Less operation and maintenance collections		2,000.00		1,000.00		320.48
Total		20,000.00		18,000.00		20,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Irrigation Systems, Flathead Reservation, Mont. (Reimbursable)—		
Flathead irrigation project, Montana: For operation and maintenance, $25,000, to be immediately available: *Provided*, That [of] the unexpended balance of the appropriation for [this project for the fiscal year 1927 there is hereby reappropriated and made available for the fiscal years 1927 and 1928, $40,000 for construction of the South Side Jocko Canal, available when the Jocko irrigation district shall properly execute an appropriate repayment contract, in form approved by the Secretary of the Interior, which contract shall, except as hereinafter provided, conform to the conditions provided for a contract in the appropriation for this project for the fiscal year 1927: *Provided further*, That of said unexpended balance there is hereby reappropriated and made available for the fiscal years 1927 and 1928 not to exceed the following amounts: Pablo Feed Canal enlargement, $100,000; Moiese Canal enlargement, $15,000; Hubbart Feed Canal, $7,500; Camas A Canal, $2,500; available when the Flathead irrigation district shall properly execute an appropriate repayment contract, in form approved by the Secretary of the Interior, which contract shall, except as hereinafter provided, conform to the conditions provided for a contract in the appropriation for this project for the fiscal year 1927: *And provided further*, That the remainder of the unexpended balance of the appropriation for this project for the fiscal year 1927 shall at once become available, and remain available for the fiscal years 1927 and 1928, for continuing construction of power plant when an appropriate repayment contract, in form approved by the Secretary of the Interior, and which, except as hereinafter provided, contains the provisions set forth for such a contract in the appropriation for this project for the fiscal year 1927, shall have been executed by a district or districts organized under State law embracing not less than eighty thousand acres of the lands irrigable under the project: *And provided further*, Any contract provided for in this paragraph shall require that the net revenues derived from operation of the power plant shall be used to reimburse the United States in the following order: First, to liquidate the cost of the power development; second, to liquidate payment of the deferred obligation on the Camas Division; third, to liquidate construction cost on an equal per acre basis on each acre of irrigable land within the district or districts contracting; and fourth, to liquidate operation and maintenance costs within such district or districts] *continuing construction of the irrigation systems on the Flathead Indian Reservation, Montana, contained in the act of May 10, 1926 (Forty-fourth Statutes at Large, pages 464–466), as continued available in the act of January 12, 1927 (Forty-fourth Statutes at Large, page 945), shall remain available for the fiscal year 1929, subject to the conditions and provisions of said acts: Provided further, That the unexpended balance of the $395,000 available for continuation of construction of a power plant may be used, in the discretion of the Secretary of the Interior, for the construction and operation of a power distributing system and for purchase of power, but shall be available for that purpose only upon execution of an appropriate repayment contract as provided for in said acts: Provided further, That the net revenues derived from the operation of such distributing system shall be used to reimburse the United States as provided for in said acts: Provided further, That the Federal Power Commission is authorized in accordance with the Federal water power act and upon terms satisfactory to the Secretary of the Interior, to issue a permit or permits or a license or licenses for the use, for the development of power, of power sites on the Flathead Reservation and of water rights reserved or appropriated for the irrigation projects: Provided further, That rentals from such permits or licenses shall be distributed as provided for in said Federal water power act: Provided further, That the public notice provided for in the act of January 12, 1927, shall be issued by the Secretary of the Interior upon the first day of November, 1930: And provided further, That operation and maintenance assessments shall be collected in advance beginning with the irrigation season succeeding the issuance of public notice, and that such charges that are due and payable during the calendar year in which the public notice is issued, together with unpaid accruals as well as unpaid individual operation and maintenance assessments, shall be carried into the construction cost and be payable pursuant to the public notice (acts Apr. 30, 1908, vol. 35, p. 83, sec. 1; Jan. 12, 1927, vol. 44, p. 945)*	$25,000.00	$25,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
Salary range, $3,000 to $3,600; average, $3,300—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Engineer	1	$3,300	1	$3,300	1	$3,300
Salary range, $2,100 to $2,700; average, $2,400—						
Assistant engineer	3.8	2,378	0.8	2,300	1.4	2,365
Principal clerk	1	2,400	1	2,400	1	2,400
Water master	3.3	2,315	3.3	2,315	3.3	2,315

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Irrigation Systems, Flathead Reservation, Mont. (Reimbursable)—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service—Continued.						
Salaries and wages—Continued.	*Average—*		*Average—*		*Average—*	
Salary range, $1,860 to $2,400; average, $2,100—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Water master	1	$1,980	1	$1,980	0.9	$1,980
Garage man	1	1,980	1	1,980	1	1,980
Foreman	1	1,860	0.6	1,860	0.8	1,860
Salary range, $1,500 to $1,860; average, $1,680—						
Storekeeper					0.2	1,800
Ditch rider	2.8	1,564	2.8	1,564	1.3	1,575
Clerk	3.3	1,500	1.3	1,500	1.6	1,500
Salary range, $1,320 to $1,680; average, $1,500—						
Ditch rider	4	1,380	4	1,380	3.3	1,197
Total average number of employees	22.2		16.7		15.8	
Total salaries and wages, field service		43,087.00		31,867.00		31,030.00
The difference between 1929 and 1928 is due to increase in force, $11,230.						
Deduct allowance value of quarters, fuel, and light furnished		3,087.00		2,857.00		2,130.00
Cash payment, salaries and wages		40,000.00		29,000.00		28,900.00
Miscellaneous and temporary labor, $8 to $1 per day		20,000.00		21,000.00		26,060.01
01 Total personal services		60,000.00		50,000.00		54,960.01
Supplies and materials:						
230 Fuel		3,350.00		3,500.00		3,349.15
0250 Forage and other supplies for animals		200.00		200.00		213.38
0260 Provisions		350.00		350.00		344.80
0280 Sundry supplies		600.00		500.00		544.41
02 Total supplies and materials		4,500.00		4,550.00		4,451.74
Communication service:						
0500 Telegraph service		5.00		5.00		6.23
0510 Telephone service		75.00		75.00		82.08
0520 Other communication service		20.00		20.00		17.70
05 Total communication service		100.00		100.00		106.01
06 Travel expense		100.00		500.00		1,745.71
07 Transportation of things		250.00		250.00		263.39
08 Printing, engraving, lithographing, photographing, and typewriting		25.00		25.00		25.68
10 Furnishing of heat, light, power, water, and electricity		25.00		25.00		36.25
11 Rents						17.50
12 Repairs and alterations		4,000.00		5,000.00		6,249.18
13 Special and miscellaneous expenses						19.00
30 Equipment		1,000.00		500.00		222.72
32 Structures and parts, and nonstructural improvements to land		5,000.00		9,050.00		512.00
				70,000.00		68,609.19
Unobligated balance						555,383.86
		80,000.00		70,000.00		623,993.05
Less operation and maintenance collections		55,000.00		45,000.00		48,993.05
Total		25,000.00		25,000.00		575,000.00

Maintenance and Operation, Irrigation Systems, Fort Peck Reservation, Mont. (Reimbursable)—

For maintenance and operation of the Poplar River, Little Porcupine, and Big Porcupine divisions of the irrigation systems on the Fort Peck Indian Reservation in Montana, by and under the direction of the Commissioner of Indian Affairs, including the purchase of any necessary rights or property, [$9,000] *$7,500* (reimbursable) (*acts May 30, 1908, vol. 35, p. 558, sec. 1; Jan. 12, 1927, vol. 44, p. 945*) $7,500.00 $9,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
Salary range, $1,320 to $1,680; average, $1,500—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Water master	1	$1,680	1	$1,680	1	$1,680
Ditch rider	1	1,620	1	1,620	1	1,620
Total average number of employees	2		2		2	
Total salaries and wages, field service		3,300.00		3,300.00		3,300.00
Deduct allowance value of quarters, fuel, and light furnished		360.00		360.00		360.00
Cash payment, salaries and wages		2,940.00		2,940.00		2,940.00
Miscellaneous and temporary labor $8 to $1 per day		2,060.00		3,060.00		2,280.10
01 Total personal services		5,000.00		6,000.00		5,220.10

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Maintenance and Operation, Irrigation Systems, Fort Peck Reservation, Mont. (Reimbursable)—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Supplies and materials:			
0230 Fuel	$500.00	$500.00	$722.15
0280 Sundry supplies	50.00	50.00	45.81
02 Total supplies and materials	550.00	550.00	767.96
05 Communication service	50.00	50.00	48.30
06 Travel expense	100.00	100.00	100.94
07 Transportation of things	250.00	250.00	228.80
12 Repairs and alterations	1,500.00	1,500.00	430.49
30 Equipment	50.00	50.00	13.85
32 Structures and parts, and nonstructural improvements to land	2,000.00	1,475.00	
		9,975.00	6,810.44
Unobligated balance			2,655.98
Reserve		500.00	
	9,500.00	10,475.00	9,366.42
Less operation and maintenance collections	2,000.00	1,475.00	366.42
Total	7,500.00	9,000.00	9,000.00

Irrigation Systems, Blackfeet Reservation, Mont. (Reimbursable)—

For improvement, maintenance, and operation of the Two Medicine and Badger-Fisher divisions of the irrigation systems on the Blackfeet Indian Reservation in Montana, by and under the direction of the Commissioner of Indian Affairs, including the purchase of any necessary rights or property, [$15,000] *$45,000* (reimbursable), *to be immediately available* (*acts June 10, 1896, vol. 29, p. 355, sec. 9; Jan. 12, 1927, vol. 44, p. 945*) $45,000.00 $15,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $2,700 to $3,300; average, $3,000—						
Superintendent of construction	1	$2,700	1	$2,700	1	$2,700
Salary range, $2,100 to $2,700; average, $2,400—						
Principal clerk	1	2,100	1	2,100	1	2,100
Water master	1	2,100	1	2,100	1	2,100
Salary range, $1,860 to $2,400; average, $2,100—						
Water master	0.8	1,860	0.8	1,860	0.8	1,860
Salary range, $1,500 to $1,860; average, $1,680—						
Water master	0.3	1,680	0.3	1,680	0.3	1,680
Ditch rider	1	1,620	1	1,620	1	1,620
Mechanic	0.4	1,500	0.4	1,500	0.4	1,500
Salary range, $1,320 to $1,680; average, $1,500—						
Ditch rider	1.6	1,320	1.5	1,320	1.5	1,320
Salary range, $1,140 to $1,500; average, $1,320—						
Ditch rider	0.5	1,140	0.5	1,140	0.5	1,140
Total average number of employees	7.5		7.5		7.5	
Total salaries and wages, field service		13,510.00		13,510.00		13,510.00
Deduct allowance value of quarters, fuel, and light furnished		1,425.00		1,425.00		1,425.00
Cash payment, salaries and wages		12,085.00		12,085.00		12,085.00
Miscellaneous and temporary labor $8 to $1 per day		10,915.00		5,915.00		5,466.22
01 Total personal services		23,000.00		18,000.00		17,651.22
Supplies and materials:						
0230 Fuel		1,500.00		1,500.00		1,465.95
0250 Forage and other supplies for animals		500.00		500.00		623.00
0280 Sundry supplies		150.00		150.00		150.15
02 Total supplies and materials		2,150.00		2,150.00		2,239.10
Communication service:						
0500 Telegraph service						5.65
0510 Telephone service		25.00		25.00		27.50
0520 Other communication service						1.80
05 Total communication service		25.00		25.00		34.95
07 Transportation of things		1,200.00		1,200.00		915.86
11 Rents						10.00
12 Repairs and alterations		19,125.00		7,375.00		2,460.76
13 Special and miscellaneous expenses						11.45

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Irrigation Systems, Blackfeet Reservation, Mont. (Reimbursable)—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Equipment:			
3000 Passenger-carrying vehicles			$1,093.69
3050 Other equipment	$2,500.00	$500.00	
30 Total equipment	2,500.00	500.00	1,093.69
32 Structures and parts, and nonstructural improvements to land	5,000.00	1,250.00	688.15
		30,500.00	25,005.18
Unobligated balance			4.93
Reserve		500.00	
	53,000.00	31,000.00	25,010.10
Less operation and maintenance collections	8,000.00	16,000.00	10,010.10
Total	45,000.00	15,000.00	15,000.00

Maintenance and Operation, Irrigation Systems, Crow Reservation, Mont. (Reimbursable)—

For maintenance and operation of the irrigation systems on the Crow Reservation, Montana, including maintenance assessments payable to the Two Leggings Water Users' Association and Bozeman Trail Ditch Company, Montana, properly assessable against lands allotted to the Indians irrigable thereunder $1,000, to be reimbursed under such rules and regulations as may be prescribed by the Secretary of the Interior (*acts June 30, 1919, vol. 41, p. 16, sec. 10; Jan. 12, 1927, vol. 44, p. 946*) $1,000.00 $1,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $3,300 to $3,900; average, $3,600—						
Junior engineer	1	$3,300	1	$3,300	1	$3,717
Salary range, $2,100 to $2,700; average, $2,400—						
Instrument man	1	2,100	1	2,100	1	2,100
Salary range, $1,680 to $2,040; average, $1,860—						
Clerk	0.1	1,680	0.1	1,680	0.1	1,680
Salary range, $1,500 to $1,860; average, $1,680—						
Ditch rider	11.5	1,583	11.5	1,583	8.3	1,614
Assistant clerk	0.2	1,500	0.2	1,500	0.1	1,500
Total average number of employees	13.8		13.8		10.5	
Total salaries and wages, field service		24,000.00		24,000.00		18,047.00
Deduct allowance value of quarters, fuel, and light furnished		3,000.00		3,000.00		2,408.00
Cash payment, salaries and wages		21,000.00		21,000.00		15,639.00
Miscellaneous and temporary labor, $8 to $1 per day		14,000.00		14,000.00		15,382.72
01 Total personal services		35,000.00		35,000.00		31,021.72
Supplies and materials:						
0230 Fuel		1,500.00		1,500.00		1,661.83
0250 Forage and other supplies for animals		500.00		500.00		469.24
0280 Sundry supplies		250.00		250.00		143.34
02 Total supplies and materials		2,250.00		2,250.00		2,274.41
Communication service:						
0500 Telegraph service						1.34
0510 Telephone service		25.00		25.00		19.55
0520 Other communication service						3.00
05 Total communication service		25.00		25.00		23.89
06 Travel expense						4.80
07 Transportation of things		1,500.00		1,500.00		1,173.62
12 Repairs and alterations		13,725.00		13,725.00		2,769.07
13 Special and miscellaneous expenses		6,000.00		6,000.00		5,551.28
30 Equipment		500.00		500.00		120.87
32 Structures and parts and nonstructural improvements to land		1,000.00		1,000.00		338.16
				60,000.00		43,277.82
Unobligated balance						59.21
		60,000.00		60,000.00		43,337.03
Less operation and maintenance collections		59,000.00		59,000.00		38,337.03
Total		1,000.00		1,000.00		5,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Maintenance and Operation, Irrigation System, Pyramid Lake Reservation, Nev. (Reimbursable)—		
For operation and maintenance of the irrigation system on the Pyramid Lake Reservation, Nevada [$3,500] *$4,000*, reimbursable from any funds of the Indians of this reservation now or hereafter available (*U. S. C., p. 690, sec. 13; Jan. 12, 1927, vol. 44, p. 946*)	$4,000.00	$3,500.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $2,400 to $3,000; average, $2,700—						
Foreman	0.1	$2,400	0.1	$2,400	0.1	$2,400
Salary range, $1,320 to $1,680; average, $1,500—						
Ditch rider	0.7	1,500	0.7	1,500		
Salary range, $900 to $1,140; average, $1,020—						
Ditch rider	0.5	900	0.5	900	0.5	900
Total average number of employees	1.3		1.3		0.6	
Total salaries and wages, field service		1,650.00		1,650.00		650.00
Miscellaneous and temporary labor, $8 to $1 per day		1,650.00		1,350.00		2,173.01
01 Total personal services		3,300.00		3,000.00		2,823.01
Supplies and materials:						
0230 Fuel		75.00		75.00		77.83
0280 Sundry supplies		5.00		5.00		2.50
02 Total supplies and materials		80.00		80.00		80.33
05 Communication service		10.00		10.00		4.50
06 Travel expense		35.00		35.00		22.35
07 Transportation of things		10.00		10.00		2.97
12 Repairs and alterations		65.00		65.00		69.77
30 Equipment						119.71
32 Structures and parts, and nonstructural improvements to land		500.00		300.00		339.87
				3,500.00		3,462.51
Unobligated balance						37.49
Total		4,000.00		3,500.00		3,500.00

Reclamation and Maintenance Charges, Paiute Allotted Lands, Newlands Project, Nevada (Reimbursable)—		
Drainage Assessments, Paiute Allotted Lands, Newlands Project, Nevada (Reimbursable)—		
For payment of annual installment of reclamation charges [on eight hundred and three-tenths acres of] *against* Paiute Indian lands within the Newlands *reclamation* project, Nevada, [and for operation and maintenance charges, including operation of drains, against Indian lands within said project, $11,325; for payment of annual drainage assessments against said lands, $2,500; in all, $13,825, reimbursable from any funds of the said Indians now or hereafter available] *$3,461; for payment of delinquent reclamation charges, $4,511; and for payment in advance, as provided by district law, of operation and maintenance assessments, including assessments for the operation of drains for the fiscal years 1928 and 1929, to the Truckee-Carson irrigation district, which district, under contract, is operating the Newlands reclamation project, $15,217; in all, $23,189* (*acts Mar. 3, 1921, vol. 41, p. 1238, sec. 12; Jan. 12, 1927, vol. 44, p. 946*)	23,189.00	13, 825.00

13 Drainage assessments and reclamation and maintenance charges: Expenditures—1929, $23,189; 1928, $13,825; 1927, $16,000.

Irrigation System, Laguna Pueblo, N. Mex. (Reimbursable)—		
For improvement, operation, and maintenance of the irrigation system for the Laguna and Acoma Indians in New Mexico, $3,000, reimbursable by the Indians benefited, under such rules and regulations as the Secretary of the Interior may prescribe (*U. S. C., p. 690, sec. 13; Act Jan. 12, 1927, vol. 44, p. 946*)	3,000.00	3,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Irrigation System, Laguna Pueblo, N. Mex. (Reimbursable)—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Field service:			
Salaries and wages—	*Average—*	*Average—*	*Average—*
Salary range, $2,400 to $3,000; average, $2,700—	*No.* *Salary*	*No.* *Salary*	*No.* *Salary*
Superintendent of construction	0.3 $2,400	0.3 $2,400	0.2 $2,400
Total average number of employees	0.3	0.3	0.2
Total salaries and wages, field service	600.00	600.00	400.00
Miscellaneous and temporary labor $8 to $1 per day	1,400.00	1,400.00	816.33
01 Total salaries and wages	2,000.00	2,000.00	1,216.33
Supplies and materials:			
0230 Fuel	75.00	75.00	117.91
0280 Sundry supplies	25.00	25.00	266.27
02 Total supplies and materials	100.00	100.00	384.18
06 Travel expenses	75.00	75.00	115.50
12 Repairs and alterations	600.00	600.00	274.66
30 Equipment	25.00	25.00	10.82
32 Structures and parts and nonstructural improvements to land	200.00	200.00	581.25
		3,000.00	2,582.74
Unobligated balance			1,417.26
Total	3,000.00	3,000.00	4,000.00

Improvement, Maintenance, and Operation, Hogback Irrigation Project, Navajo Reservation, N. Mex. (Reimbursable)—

For improvement, operation, and maintenance of the Hogback irrigation project on that part of the Navajo Reservation in New Mexico under the jurisdiction of the [San Juan Indian School] *Northern Navajo Agency,* [$6,000] *$7,000,* reimbursable under such rules and regulations as the Secretary of the Interior may prescribe (*U. S. C., p. 690, sec. 13; act Jan. 12, 1927, vol. 44, p. 946*) $7,000.00 $6,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Field service:			
Salaries and wages—	*Average—*	*Average—*	*Average—*
Salary range, $2,400 to $3,000; average, $2,700—	*No.* *Salary*	*No.* *Salary*	*No.* *Salary*
Assistant engineer	0.1 $2,400	0.1 $2,400	0.1 $2,400
Salary range, $1,500 to $1,860; average, $1,680—			
Foreman	1 1,680	1 1,680	1 1,680
Total average number of employees	1.1	1.1	1.1
Total salaries and wages, field service	1,880	1,880	1,880
Deduct allowance value of quarters, fuel, and light furnished	180	180	180
Cash payment, salaries and wages	1,700	1,700	1,700
Miscellaneous and temporary labor, $8 to $1 per day	3,300	2,300	3,747
01 Total personal services	5,000	4,000	5,447
02 Supplies and materials	200.00	150.00	156.74
05 Communication service	75.00	75.00	57.00
07 Transportation of things	50.00	25.00	16.42
12 Repairs and alterations	500.00	100.00	48.57
32 Structures and parts and nonstructural improvements to land	1,175.00	1,450.00	386.11
		5,800.00	6,111.84
Unobligated balance			60.00
Reserve		200.00	
	8,000.00	6,000.00	6,171.84
Less operation and maintenance collections			171.84
Total	7,000.00	6,000.00	6,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Repairs to Irrigation Systems and Flood Protection of Irrigable Lands, Pueblos in New Mexico—		
For repair of damage to irrigation systems resulting from flood and for flood protection of irrigable lands on the several pueblos in New Mexico (*U. S. C., p. 690, sec. 13; act Jan. 12, 1927, vol. 44, p. 946*)	$5,000.00	$7,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Field service:			
Salaries and wages—	*Average—*	*Average—*	*Average—*
Salary range, $2,400 to $3,000; average, $2,700—	*No.* *Salary*	*No.* *Salary*	*No.* *Salary*
Superintendent of construction	0.5 $2,500	0.5 $2,500	0.5 $2,500
Total average number of employees	0.5	0.5	0.5
Total salaries and wages, field service	1,250.00	1,250.00	1,250.00
Miscellaneous and temporary labor, $8 to $1 per day	1,750.00	2,750.00	1,845.90
01 Total personal services	3,000.00	4,000.00	3,095.90
02 Supplies and materials	25.00	25.00	25.07
06 Travel expense	275.00	275.00	354.25
12 Repair and alterations	500.00	500.00	467.82
30 Equipment			674.32
32 Structures and parts, and nonstructural improvements to land	1,200.00	1,700.00	302.78
		6,500.00	4,920.14
Unobligated balance			2,079.86
Reserve		500.00	
Total	5,000.00	7,000.00	7,000.00

Irrigation Systems, Klamath Reservation, Oreg. (Tribal Funds)—

For improvement, maintenance, and operation of the Modoc Point, Sand Creek, Fort Creek, Crooked Creek, and miscellaneous irrigation projects on the Klamath Reservation, $6,000, to be paid from the funds held by the United States in trust for the Klamath Indians in the State of Oregon, said sum, or such part thereof as may be used, to be reimbursed to the tribe under such rules and regulations as the Secretary of the Interior may prescribe (*U. S. C., p. 690, sec. 13; act Jan. 12, 1927, vol. 44, p. 946*).

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Field service:			
Salaries and wages—	*Average—*	*Average—*	*Average—*
Salary range, $1,680 to $2,040; average, $1,860—	*No.* *Salary*	*No.* *Salary*	*No.* *Salary*
Supervisor of ditches	1 $1,860	1 $1,860	1 $1,860
Total average number of employees	1	1	1
Total salaries and wages, field service	1,860.00	1,860.00	1,860.00
Deduct allowance value of quarters, fuel, and light furnished	180.00	180.00	180.00
Cash payment, salaries and wages	1,680.00	1,680.00	1,680.00
Miscellaneous and temporary labor, $8 to $1 per day	2,320.00	2,320.00	2,336.15
01 Total personal services	4,000.00	4,000.00	4,016.15
Supplies and materials:			
0230 Fuel	150.00	150.00	202.33
0280 Sundry supplies	250.00	50.00	270.05
02 Total supplies and materials	400.00	200.00	472.38
05 Communication service	30.00	30.00	27.50
06 Travel expense	70.00	70.00	76.15
12 Repairs and alterations	1,400.00	1,500.00	92.61
30 Equipment	100.00	200.00	
		6,000.00	4,684.79
Unobligated balance			1,315.21
Total	6,000.00	6,000.00	6,000.00
Transferred from Indian moneys, proceeds of labor	6,000.00	6,000.00	6,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Irrigation Systems, Uintah Reservation, Utah (Reimbursable)—		
For continuing the construction of lateral distributing systems to irrigate the allotted lands of the Uncompahgre, Uintah, and White River Utes in Utah, and to maintain existing irrigation systems authorized under the act of June 21, 1906, [$16,000] *$10,000*, to be reimbursed under such rules and regulations as may be prescribed by the Secretary of the Interior (*acts June 21, 1906, vol. 34, p. 375, sec. 1; Jan. 12, 1927, vol. 44, p. 946*)	$10,000.00	$16,000.00

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Field service:						
	Salaries and wages—	*Average—*		*Average—*		*Average—*	
	Salary range, $3,800 to $5,000; average, $4,400—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Supervising engineer	0.1	$3,800	0.1	$3,800	0.1	$3,800
	Salary range, $3,300 to $3,900; average, $3,600—						
	Engineer	1	3,300	1	3,300	1	3,300
	Salary range, $2,100 to $2,700; average, $2,400—						
	Supervisor of ditches	3.2	2,274	2.5	2,239	2	2,275
	Principal clerk	1	2,100	1	2,100	0.2	2,100
	Salary range, $1,680 to $2,040; average, $1,860—						
	Instrument man	0.2	1,860	0.2	1,860	0.3	1,860
	Salary range, $1,500 to $1,860; average, $1,680—						
	Ditch rider	3	1,620	1.7	1,620	1.3	1,620
	Salary range, $1,320 to $1,680; average, $1,500—						
	Instrument man	0.5	1,620	0.5	1,620	0.5	1,620
	Ditch rider	9.3	1,566	8.7	1,582	8.3	1,595
	Timekeeper	1.1	1,440	0.5	1,440	0.1	1,440
	Total average number of employees	19.4		16.2		13.8	
	Total salaries and wages, field service		34,942.00		29,572.00		25,236.00
	The difference between 1929 and 1928 is due to increase in force, $5,370.						
	Deduct allowance value of quarters, fuel, and light furnished		1,942.00		1,072.00		936.00
	Cash payment, salaries and wages		33,000.00		28,500.00		24,300.00
	Miscellaneous and temporary labor, $8 to $1 per day		20,000.00		17,500.00		21,147.89
01	Total personal services		53,000.00		46,000.00		45,447.89
	Supplies and materials:						
0230	Fuel		800.00		800.00		806.22
0250	Forage and other supplies for animals		1,000.00		1,000.00		1,029.30
0280	Sundry supplies		500.00		500.00		265.64
02	Total supplies and materials		2,300.00		2,300.00		2,101.16
	Communication service:						
0500	Telegraph service		10.00		10.00		9.89
0510	Telephone service		75.00		75.00		57.91
05	Total communication service		85.00		85.00		67.80
06	Travel expense		150.00		150.00		137.24
07	Transportation of things		2,000.00		1,500.00		1,300.36
08	Printing, engraving, lithographing, photographing, and typewriting						39.69
10	Furnishing of heat, light, power, water, and electricity		150.00		150.00		144.02
11	Rents		160.00		160.00		159.17
12	Repairs and alterations		16,055.00		13,055.00		4,428.89
13	Special and miscellaneous expenses		100.00		100.00		48.00
30	Equipment		1,000.00		1,000.00		565.89
32	Structures and parts, and nonstructural improvements to land		5,000.00		5,000.00		4,241.06
					69,500.00		58,681.17
	Unobligated balance						163.13
	Reserve				500.00		
			80,000.00		70,000.00		58,844.30
	Less operation and maintenance collections		70,000.00		54,000.00		42,844.30
	Total		10,000.00		16,000.00		16,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Maintenance and Operation, Toppenish-Simcoe Irrigation System, Yakima Reservation, Wash. (Reimbursable)—		
For operation and maintenance, including repairs, of the Toppenish-Simcoe irrigation unit, on the Yakima Reservation, Washington, reimbursable, as provided by the act of June 30, 1919 (Forty-first Statutes at Large, page 28) (*acts Dec. 21, 1904, vol. 33, p. 593; Jan. 12, 1927, vol. 44, p. 946*)	$1,000.00	$2,000.0

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	Average—		Average—		Average—	
Salary range, $1,500 to $1,860; average, $1,680—	No.	Salary	No.	Salary	No.	Salary
Ditch rider	1	$1,500	1	$1,500	1	$1,500
Total average number of employees	1		1		1	
Total salaries and wages, field service		1,500.00		1,500.00		1,500.00
Deduct allowance value of quarters, fuel, and light furnished		180.00		180.00		180.00
Cash payment, salaries and wages		1,320.00		1,320.00		1,320.00
Miscellaneous and temporary labor $8 to $1 per day		180.00		280.00		582.10
01 Total personal services		1,500.00		1,600.00		1,902.10
02 Supplies and materials		175.00		175.00		172.22
11 Rents		120.00		120.00		120.00
12 Repairs and alterations		105.00		105.00		35.91
32 Structures and parts, and nonstructural improvements to land		700.00		500.00		
				2,500.00		2,230.23
Unobligated balance						269.77
		2,600.00		2,500.00		2,500.00
Less operation and maintenance collections		1,600.00		500.00		
Total		1,000.00		2,000.00		2,500.00

Operation and Maintenance of Reservoirs, Yakima Reservation, Wash.—		
For reimbursement to the reclamation fund the proportionate expense of operation and maintenance of the reservoirs for furnishing stored water to the lands in Yakima Indian Reservation, Washington, in accordance with the provisions of section 22 of the act of August 1, 1914 (Thirty-eighth Statutes at Large, page 604) (*acts Aug. 1, 1914, vol. 38, p. 604; Jan. 12, 1927, vol. 44, p. 946*)	11,000.00	11,000.00
13 Reclamation and maintenance charges: Expenditures—1929, $11,000; 1928, $11,000; 1927, $11,000.		
Diversion Dam and Distribution and Drainage System, Yakima Reservation, Wash. (Reimbursable)—		
For continuing construction, operation, and maintenance of the Wapato irrigation and drainage system for the utilization of the water supply provided by the act of August 1, 1914 (Thirty-eighth Statutes at Large, page 604), $185,000 reimbursable: *Provided, That the unexpended balance of the appropriation for this purpose for the fiscal year 1928 shall remain available for the same purpose until June 30, 1929* (*acts Dec. 21, 1904, vol. 33, p. 593; Jan. 12, 1927, vol. 44, p. 946*)	185,000.00	185,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	Average—		Average—		Average—	
Salary range, $3,300 to $3,900; average, $3,600—	No.	Salary	No.	Salary	No.	Salary
Engineer	1	$3,600	1	$3,600	0.9	$3,600
Salary range, $2,400 to $3,000; average, $2,700—						
Assistant engineer	1	2,700	1	2,700	0.8	2,700
Shop foreman	1	2,400	1	2,400	0.6	2,400
Salary range, $2,100 to $2,700; average, $2,400—						
Supervisor of ditches	3	2,600	3	2,600	2.9	2,544
Principal clerk	1	2,100	1	2,100	1	2,100
Shop foreman					0.3	2,100
Storekeeper	1	2,100	1	2,100	0.7	2,100
Instrument man	1	2,100	1	2,100	0.8	2,100
Salary range, $1,860 to $2,400; average, $2,100—						
Senior clerk	2	1,860	2	1,860	2	1,860
Garage man					0.9	1,860
Supervisor of ditches					0.2	1,860
Salary range, $1,680 to $2,040; average, $1,860—						
Clerk	1	1,680	1	1,680	0.8	1,680
Salary range, $1,500 to $1,860; average, $1,680—						
Timekeeper	1	1,620	1	1,620	1	1,620
Ditch rider	17	1,584	17	1,584	17.8	1,586
Instrument man	1	1,500	1	1,500	0.9	1,500
Janitor					0.9	1,500
Truck driver					0.7	1,500

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Diversion Dam and Distribution and Drainage System, Yakima Reservation, Wash. (Reimbursable)—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Field service—Continued.			
Salaries and wages—Continued.	*Average—*	*Average—*	*Average—*
Salary range, $1,320 to $1,680; average, $1,500—	*No.* *Salary*	*No.* *Salary*	*No.* *Salary*
Junior clerk	1 $1,440	1 $1,440	1 $1,440
Total average number of employees	32	32	34.2
Total salaries and wages, field service	59,700.00	59,700.00	62,295.00
Deduct allowance value of quarters, fuel, and light	2,700.00	2,700.00	2,665.00
Cash payment, salaries and wages	57,000.00	57,000.00	59,630.00
Miscellaneous and temporary labor, $8 to $1 per day	40,000.00	40,000.00	33,503.04
01 Total personal services	97,000.00	97,000.00	93,133.04
Supplies and materials:			
0230 Fuel	2,500.00	2,500.00	2,642.89
0250 Forage and other supplies for animals	50.00	50.00	39.00
0280 Sundry supplies	450.00	450.00	530.68
02 Total supplies and materials	3,000.00	3,000.00	3,212.57
Communication service:			
0500 Telegraph service			2.91
0510 Telephone service	125.00	125.00	121.80
05 Total communication service	125.00	125.00	124.71
06 Travel expense	100.00	100.00	107.95
07 Transportation of things	2,000.00	3,000.00	1,129.61
08 Printing, engraving, lithographing, photographing, and typewriting			112.25
10 Furnishing of heat, light, power, water, and electricity	500.00	500.00	824.70
11 Rents			56.00
12 Repairs and alterations	5,000.00	10,000.00	3,431.42
13 Special and miscellaneous expenses	109,500.00	109,500.00	77,047.40
Equipment:			
3000 Passenger-carrying vehicles			1,428.31
3050 Other equipment	2,500.00	1,500.00	3,553.06
30 Total equipment	2,500.00	1,500.00	4,981.37
32 Structures and parts, and nonstructural improvements to land	212,775.00	295,775.00	3,887.31
		520,500.00	188,048.33
Unobligated balance			993.78
Reserve		1,000.00	
	432,500.00	521,500.00	189,042.11
Less amount expended from operation and maintenance and construction collections	247,500.00	336,500.00	183,042.11
Total	185,000.00	185,000.00	6,000.00

Satus Irrigation Project, Yakima Reservation, Wash. (Reimbursable)—

For operation and maintenance of the Satus unit of the Wapato project that can be irrigated by gravity from the drainage water from the Wapato project, Yakima Reservation, Washington, $3,000, to be reimbursed under such rules and regulations as the Secretary of the Interior may prescribe (*acts Dec. 21, 1904, vol. 33, p. 593; Jan. 12, 1927, vol. 44, p. 946*) $3,000.00 $3,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Field service:			
Salaries and wages—	*Average—*	*Average—*	*Average—*
Salary range, $1,320 to $1,680; average, $1,500—	*No.* *Salary*	*No.* *Salary*	*No.* *Salary*
Ditch rider	2 $1,620	2 $1,620	1.8 $1,620
Total average number of employees	2	2	1.8
Total salaries and wages, field service	3,240.00	3,240.00	2,835.00
Deduct allowance value of quarters, fuel, and light furnished	20.00	20.00	10.00
Cash payment, salaries and wages	3,220.00	3,220.00	2,825.00
Miscellaneous and temporary labor $8 to $1 per day	2,780.00	2,780.00	3,151.40
01 Total personal services	6,000.00	6,000.00	5,976.40

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Satus Irrigation Project, Yakima Reservation, Wash. (Reimbursable)—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Supplies and materials:			
0250 Forage and other supplies for animals			$100.00
0280 Sundry supplies	$100.00	$100.00	7.50
02 Total supplies and materials	100.00	100.00	107.50
11 Rents			56.10
30 Equipment			4.00
32 Structures and parts, and nonstructural improvements to land	300.00	200.00	
Unobligated balance		6,300.00	6,144.00
Reserve		100.00	148.20
	6,400.00	6,400.00	6,292.20
Less operation and maintenance collections	3,400.00	3,400.00	2,292.20
Total	3,000.00	3,000.00	4,000.00

Reclamation of Land, Lummi Reservation, Wash.—

The unexpended balance of the appropriation of $65,000, contained in the second deficiency act, fiscal year 1926, for the purpose of reclaiming certain lands in Indian and private ownership within and immediately adjacent to the Lummi Indian Reservation, in the State of Washington, which is reimbursable in accordance with the provisions of the act of March 18, 1926 (Forty-fourth Statutes at Large, pages 211 and 212) is hereby made available for the same purpose until June 30, 1929, (act Mar. 18, 1926, vol. 44, p. 211) (submitted).

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Field service:			
Salaries and wages—	*Average—*	*Average—*	*Average—*
	No. *Salary*	*No.* *Salary*	*No.* *Salary*
Salary range, $2,700 to $3,300; average, $3,000—			
Engineer	0.3 $2,700		0.3 $2,700
Salary range, $2,400 to $3,000; average, $2,700—			
Assistant engineer	0.9 2,500		0.9 2,500
Shop foreman	0.1 2,400		0.1 2,400
Salary range, $1,680 to $2,040; average, $1,860—			
Clerk	0.2 1,680		0.2 1,680
Instrument man	0.1 1,500		0.1 1,500
Truck driver	0.1 1,500		0.1 1,500
Total average number of employees	1.7		1.7
Total salaries and wages, field service	3,616.00		3,616.00
The difference between 1929 and 1928 is due to transfer of employees from other appropriations, $3,616.			
Deduct allowance value of quarters, fuel, and light furnished	104.00		104.00
Cash payment, salaries and wages	3,512.00		3,512.00
Miscellaneous and temporary labor, $8 to $1 per day	9,488.00		13,891.31
01 Total personal services	13,000.00		17,403.31
Supplies and materials:			
0230 Fuel	1,000.00		1,052.18
0280 Sundry supplies	200.00		393.41
02 Total supplies and materials	1,200.00		1,445.59
05 Communication service	5.00		3.69
06 Travel expense	500.00		619.27
07 Transportation of things	5,000.00		3,463.90
11 Rents			50.00
12 Repairs and alterations	1,000.00		1,290.32
13 Special and miscellaneous expenses	201.36		75.00
30 Equipment	990.00		978.78
32 Structures and parts, and nonstructural improvements to land	15,099.32		2,674.52
Unobligated balance			28,004.32
			36,995.68
Total	36,995.68		65,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Canals and Laterals, Ceded Portion of Wind River Reservation, Wyo. (Reimbursable)—		
Irrigation System, Wind River Diminished Reservation, Wyo. (Reimbursable)—		
For the extension of canals and laterals on the ceded portion of the Wind River Reservation, Wyoming, to provide for the irrigation of additional Indian lands, and for the Indians' pro rata share of the cost of the operation and maintenance of canals and laterals and for the Indians' pro rata share of the cost of the Big Bend drainage project on the ceded portion of that reservation, and for continuing the work of constructing an irrigation system within the diminished reservation, including the Big Wind River and Dry Creek Canals, and including the maintenance and operation of completed canals, [$40,000] *$25,000*, reimbursable as provided by existing law [*Provided*, That not to exceed $2,000 shall be available for the purchase of land required for ditch riders' quarters on the project] (*acts Mar. 3, 1905, vol. 33, p. 1021, sec. 3; Jan. 12, 1927, vol. 44, p. 947*)	$25,000.00	$40,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
Salary range, $3,300 to $3,900; average, $3,600—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Engineer	1	$3,300	1	$3,300	1	$3,300
Salary range, $2,100 to $2,700; average, $2,400—						
Instrument man	0.7	2,100	0.7	2,100	0.7	2,100
Supervisor of ditches	1	2,100	1	2,100	1	2,100
Salary range, $1,860 to $2,400; average, $2,100—						
Foreman	0.1	1,860	0.1	1,860	0.1	1,860
Salary range, $1,680 to $2,040; average, $1,860—						
Clerk	1.1	1,680	1.1	1,680	1.1	1,680
Instrument man	0.4	1,680	0.4	1,680	0.4	1,680
Salary range, $1,500 to $1,860; average, $1,680—						
Ditch rider	4.4	1,590	4.4	1,590	6.4	1,600
Assistant clerk	1.1	1,500	1.1	1,500	1.1	1,500
Mechanic	0.4	1,500	0.4	1,500	0.4	1,500
Salary range, $1,320 to $1,680; average, $1,500—						
Rodman	0.3	1,440	0.3	1,440	0.3	1,440
Mechanic	0.3	1,380	0.3	1,380	0.3	1,380
Chainman	0.3	1,320	0.3	1,320	0.3	1,320
Total average number of employees	11.1		11.1		13.1	
Total salaries and wages, field service		19,905.00		19,905.00		23,145.00
Deduct allowance value of quarters, fuel, and light furnished		1,905.00		1,905.00		2,245.00
Cash payment, salaries and wages		18,000.00		18,000.00		20,900.00
Miscellaneous and temporary labor, $8 to $1 per day		27,000.00		22,000.00		30,250.87
01 Total personal services		45,000.00		40,000.00		51,150.87
Supplies and materials:						
0230 Fuel		2,000.00		2,000.00		2,912.43
0250 Forage and other supplies for animals		500.00		500.00		608.24
0280 Sundry supplies		250.00		250.00		632.89
02 Total supplies and materials		2,750.00		2,750.00		4,153.56
05 Communication service		100.00		100.00		146.80
06 Travel expense		150.00		150.00		141.32
07 Transportation of things		2,500.00		2,500.00		3,441.41
11 Rents						20.00
12 Repairs and alterations		10,000.00		5,000.00		5,909.27
13 Special and miscellaneous expenses		2,500.00		2,500.00		3,378.24
Equipment:						
3000 Passenger-carrying vehicles						1,457.35
3050 Other equipment		500.00		1,000.00		412.79
30 Total equipment		500.00		1,000.00		1,870.14
32 Structures and parts, and nonstructural improvements to land		11,500.00		10,000.00		5,755.49
				64,000.00		75,967.10
Unobligated balance						558.14
Reserve				1,000.00		
		75,000.00		65,000.00		76,525.24
Less operations and maintenance collections		50,000.00		25,000.00		21,525.24
Total		25,000.00		40,000.00		55,000.00

[The following unexpended balances of the appropriations hereinafter enumerated shall be covered into the Treasury and carried to the surplus fund immediately upon the approval of this act:

Industry among Indians (reimbursable), act of June 30, 1913 (Thirty-eighth Statutes at Large, page 80), $22,035.78;

Irrigation project, Wind River Reservation, Wyoming (reimbursable), act of May 25, 1918 (Fortieth Statutes at Large, page 590), $203.61;

Indian school, Bismarck, North Dakota, dining room and kitchen, act of March 2, 1917 (Thirty-ninth Statutes at Large, page 982), $4,763.72;

In all, $27,003.11.]

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Indian Schools, Support—		
For the support of Indian day and industrial schools not otherwise provided for, and other educational and industrial purposes in connection therewith, [$2,429,700] *$2,575,000*: *Provided*, That not to exceed $10,000 of this appropriation may be used for the support and education of deaf and dumb or blind or mentally deficient Indian children: *Provided further*, That $3,500 of this appropriation may be used for the education and civilization of the Alabama and Coushatta Indians in Texas: *Provided further*, That not more than [$20,000] *$30,000* of the above appropriation may be used for the education of the full-blood Choctaw Indians of Mississippi by establishing, equipping, and maintaining day schools, including the purchase of land and the construction of necessary buildings and their equipment, and for the tuition of full-blood Mississippi Choctaw Indian children enrolled in the public schools: *Provided further*, That all reservation and nonreservation boarding schools with an average attendance of less than forty-five and eighty pupils, respectively, shall be discontinued on or before the beginning of the fiscal year [1928] *1929*. The pupils in schools so discontinued shall be transferred first, if possible, to Indian day schools or State public schools; second, to adjacent reservation or nonreservation boarding schools, to the limit of the capacity of said schools: *Provided further*, That all day schools with an average attendance of less than eight shall be discontinued on or before the beginning of the fiscal year [1928] *1929*: *Provided further*, That all moneys appropriated for any school discontinued pursuant to this act or for other cause shall be returned immediately to the Treasury of the United States: *Provided further*, That not more than [$350,000] *$375,000* of the amount herein appropriated may be expended for the tuition of Indian children enrolled in the public schools under such rules and regulations as the Secretary of the Interior may prescribe, but formal contracts shall not be required, for compliance with section 3744 of the Revised Statutes, for payment of tuition of Indian children in public schools or of Indian children in schools for the deaf and bumb, blind, or mentally deficient: *Provided further*, That no part of this appropriation shall be used for the support of Indian day and industrial schools where specific appropriation is made (*U. S. C., p. 690, sec. 13; act Jan. 12, 1927, vol. 44, p. 947*)	$2, 575, 000. 00	$2, 429, 700. 00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average*—		*Average*—		*Average*—	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $5,200 to $6,000; average, $5,600—						
General superintendent	0.7	$5,200	0.7	$5,200	0.6	$5,200
Salary range, $3,800 to $5,000; average, $4,400—						
District superintendent	6.3	3,800	6.3	3,800	5.4	3,800
Supervisor	3	3,800	3	3,800	3	3,800
Assistant district superintendent	0.7	3,000	0.7	3,000	0.6	3,000
Salary range, $3,000 to $3,600; average, $3,300—						
Superintendent	5.1	3,467	5.1	3,467	5.1	3,432
Salary range, $2,700 to $3,300; average, $3,000—						
Superintendent	6.7	3,014	6.7	3,014	6	3,017
Salary range, $2,400 to $3,000; average, $2,700—						
Superintendent	12.7	2,747	12.7	2,747	13.6	2,736
Physician	1.9	2,700	1.9	2,700	0.5	2,700
Superintendent	0.5	2,400	0.5	2,400	0.5	2,400
Salary range, $2,100 to $2,700; average, $2,400—						
Superintendent	11.2	2,511	11.2	2,511	13.4	2,426
Physician	4	2,400	4	2,400	4.4	2,400
Auditor	2	2,400	2	2,400	2	2,400
Assistant superintendent	0.5	2,400	0.5	2,400		
Salary range, $1,860 to $2,400; average, $2,100—						
Principal clerk	0.5	2,700	0.5	2,700	0.5	2,600
Day-school inspector	2	2,300	2	2,300	2	2,300
Superintendent	0.5	2,100	0.5	2,100	2	2,150
Physician	5.5	2,155	5.5	2,155	7.7	2,140
Principal					1	2,100
Salary range, $1,680 to $2,040; average, $1,860—						
Senior clerk	0.5	2,300	0.5	2,300	0.5	2,200
Day-school inspector	2	1,890	2	1,890	1	1,920
Principal	14	1,903	14	1,903	13	1,870
General mechanic	0.5	1,860	0.5	1,860	1.5	1,860
Clerk	0.5	1,920	0.5	1,920	0.5	1,860
Physician					0.5	1,860
Salary range, $1,500 to $1,860; average, $1,680—						
Day-school inspectur	2	1,800	2	1,800	1	1,920
Clerk	3.7	1,830	3.7	1,830	3.7	1,815
Financial clerk	0.5	1,800	0.5	1,800	0.5	1,740
Principal	22	1,692	22	1,692	23	1,688
Nurse	11.5	1,680	11.5	1,680	11	1,680
Engineer	3	1,680	3	1,680	0.1	1,680
Salary range, $1,320 to $1,680; average, $1,500—						
Assistant clerk	1	1,860	1	1,860	1	1,860
Carpenter	1	1,620	1	1,620	1	1,620
Teacher junior high	4	1,620	4	1,620	3.5	1,620
Assistant clerk	11.2	1,536	11.2	1,536	10.1	1,515
Principal teacher	8	1,523	8	1,523	8.2	1,507
Engineer	20	1,518	20	1,518	23.3	1,509
Financial clerk	2	1,530	2	1,530	2	1,510
Nurseryman	1	1,500	1	1,500	1	1,500
Scaler					0.5	1,620

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

Indian Schools, Support—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Field service—Continued.					
Salaries and wages—Continued.	*Average—*	*Average—*	*Average—*		
Salary range, $1,140 to $1,500; average, $1,320—	*No.* *Salary*	*No.* *Salary*	*No.* *Salary*		
Disciplinarian	11.1 $1,380	11.1 $1,380	13.1 $1,385		
Farmer	23.5 1,395	23.5 1,395	23.2 1,393		
General mechanic	11.5 1,407	11.5 1,407	11.5 1,407		
Dairyman	3 1,380	3 1,380	12.2 1,380		
Teacher home economics	6.5 1,380	6.5 1,380	6.2 1,380		
Carpenter	16.5 1,357	16.5 1,357	17 1,356		
Teacher	284.7 1,386	284.7 1,386	272.9 1,381		
Matron (head)	10.8 1,337	10.8 1,337	7.3 1,328		
Outing matron	0.5 1,380	0.5 1,380	0.5 1,380		
Practical nurse			1 1,380		
Industrial teacher	2 1,380	2 1,380	2 1,380		
Financial clerk	2 1,380	2 1,380	3.5 1,381		
Junior clerk	7 1,372	7 1,372	6.5 1,380		
Assistant engineer	6 1,320	6 1,320	6 1,320		
Stockman	2 1,320	2 1,320	2 1,320		
Salary range, $1,020 to $1,260; average, $1,140—					
Cook	5.7 1,140	5.7 1,140			
Matron	7.8 1,148	7.8 1,148			
Salary range, $900 to $1,140; average, $1,020—					
Matron	55.2 1,045	55.2 1,045	69 1,042		
Cook	22.8 1,025	22.8 1,025	21.5 1,019		
Baker	14 1,020	14 1,020	14 1,020		
Assistant teacher			1 1,020		
Weaver	1 1,020	1 1,020	1 1,020		
Assistant disciplinarian	6 1,030	6 1,030	6 1,025		
Shoe and harness maker	2 1,140	2 1,140	2 1,140		
Blacksmith	2 1,170	2 1,170	2 1,170		
Gardener	2 1,050	2 1,050	2 1,050		
Disciplinarian	13.4 1,033	13.4 1,033	12.9 1,029		
Laborer	50.5 1,031	50.5 1,031	53.5 1,031		
Salary range, $780 to $1,020; average, $900—					
Seamstress	35.5 1,021	35.5 1,021	37 1,016		
Laundress	31.5 905	31.5 905	32 903		
Assistant seamstress	1 900	1 900	1 900		
Cook	9 900	9 900	17.6 905		
Laborer	17 909	17 909	17.4 908		
Assistant matron	17 903	17 903	17.4 903		
Assistant teacher	2 1,020	2 1,020	9.7 1,020		
Salary range, $600 to $780; average, $690—					
Laborer	4 690	4 690	4 690		
Assistant	66 663	66 663	67 664		
Salary range, $420 to $600; average, $510—					
Housekeeper	73 540	73 540	72 540		
Laborer			0.7 540		
Ungraded—					
Physician	2.5 970	2.5 970	5.1 688		
Total average number of employees	1,000.2	1,000.2	1,025.9		
Total salaries and wages, field service	1,284,094.00	1,284,094.00	1,301,789.00		
Deduct allowance value of quarters, fuel, and light furnished	155,469.00	155,469.00	156,549.00		
Cash payment, salaries and wages	1,128,625.00	1,128,625.00	1,145,240.00		
Miscellaneous and temporary labor, $8 to $1 per day	21,528.00	11,528.00	9,005.71		
01 Total personal services	1,150,153.00	1,140,153.00	1,154,245.71		
Supplies and materials:					
0200 Stationery and office supplies			10.71		
0210 Medical supplies	6,000.00	6,000.00	3,216.30		
0220 Scientific and educational supplies	25,000.00	20,000.00	18,624.58		
0230 Fuel	115,000.00	100,000.00	97,463.61		
0240 Wearing apparel and sewing supplies	200,000.00	170,000.00	153,137.44		
0250 Forage and other supplies for animals	25,000.00	25,000.00	21,149.74		
0260 Provisions	305,000.00	246,000.00	230,275.87		
0280 Sundry supplies	45,000.00	42,700.00	39,151.11		
02 Total supplies and materials	721,000.00	669,700.00	563,028.76		
Communication service:					
0500 Telegraph service	150.00	150.00	76.25		
0510 Telephone service	3,000.00	2,000.00	1,670.68		
0520 Other communication service	150.00	150.00	38.43		
Total communication service	3,300.00	2,300.00	1,785.36		
Travel expense:					
0600 Commercial transportation	19,000.00	18,000.00	17,373.59		
0630 Per diem in lieu of subsistence	6,500.00	6,000.00	5,800.00		
06 Total travel expense	25,500.00	24,000.00	23,173.59		
07 Transportation of things	95,000.00	80,000.00	80,237.65		
08 Printing, engraving, lithographing, photographing, and typewriting	250.00	250.00	203.10		
10 Furnishing of heat, light, power, water, and electricity	14,000.00	12,000.00	8,956.93		
11 Rents	3,500.00	3,000.00	2,981.20		
12 Repairs and alterations	65,000.00	50,000.00	51,070.81		
13 Special and miscellaneous expenses	2,297.00	4,297.00	3,804.35		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Indian Schools, Support—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Grants, subsidies, and contributions:			
2240	Tuition	$375,000.00	$348,000.00	$336,288.84
2250	Burial expenses	1,000.00	1,000.00	602.24
22	Total grants, subsidies, and contributions	376,000.00	349,000.00	336,891.08
	Equipment:			
3000	Passenger-carrying vehicles	6,000.00	4,000.00	6,410.05
3010	Furniture, furnishings, and fixtures	65,000.00	55,000.00	61,469.79
3020	Educational, scientific, and recreational supplies	6,000.00	5,000.00	4,506.73
3040	Livestock	7,000.00	5,000.00	3,722.01
3050	Other equipment	39,000.00	30,000.00	26,521.01
30	Total equipment	123,000.00	99,000.00	102,629.59
32	Structures and parts and nonstructural improvements to land	12,000.00	5,000.00	34,028.44
	Outstanding obligations not included above			25,000.00
	Unobligated balance		2,378,700.00	2,388,036.57
	Reserve		15,000.00	31,163.43
	Transferred to department stationery account	36,000.00	36,000.00	35,500.00
		2,627,000.00	2,429,700.00	2,454,700.00
	Transferred from Indian moneys, proceeds of labor	52,000.00		
	Total	2,575,000.00	2,429,700.00	2,454,700.00

Education, Five Civilized Tribes, Oklahoma (Tribal Funds)—

The Secretary of the Interior is hereby authorized to continue during the ensuing fiscal year the tribal and other schools among the Choctaw, Chickasaw, Creek, and Seminole Tribes from the tribal funds of those nations, within his discretion and under such rules and regulations as he may prescribe and to expend such funds available for school purposes under existing law for such repairs, improvements, or new buildings as he may deem essential for the proper conduct of the several schools of said tribes: *Provided, That there may be expended from the tribal funds of the Seminole Nation the sum of $33,000 and from the tribal funds of the Choctaw Nation the sum of $135,000, for educational purposes: Provided further, That there may be expended from the tribal funds of the Choctaw Nation for purchase of pasture land for Wheelock Academy not to exceed $600; and for one-half the cost of repairs to the road between Wheelock Academy and the highway not to exceed $3,000* (*acts Apr. 26, 1906, vol. 34, p. 137, sec. 10; Jan. 12, 1927, vol. 44, p. 948*).

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
JONES						
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $1,860 to $2,400; average, $2,100—						
Superintendent	1	$2,100	1	$2,100	1	$2,100
Salary range, $1,500 to $1,860; average, $1,680—						
Nurse	1	1,680	1	1,680	0.8	1,680
Salary range, $1,320 to $1,680; average, $1,500—						
Principal teacher	1	1,680	1	1,680	0.8	1,680
Assistant clerk	1	1,500	1	1,500	1	1,500
Engineer	1	1,500	1	1,500	1	1,500
Salary range, $1,140 to $1,500; average, $1,320—						
Teacher	2	1,410	2	1,410	1.7	1,380
Carpenter	1	1,320	1	1,320	0.4	1,320
Farmer	1	1,380	1	1,380	1	1,380
Salary range, $1,020 to $1,260; average, $1,140—						
Matron (head)	1	1,140	1	1,140		
Salary range, $900 to $1,140; average, $1,020—						
Matron	1	1,020	1	1,020	1.8	1,025
Cook	1	1,020	1	1,020	1	1,020
Laborer	1	1,020	1	1,020	1	1,020
Ungraded—						
Physician	0.8	480	0.8	480	0.8	480
Total average number of employees	13.8		13.8		12.3	
Total salaries and wages, field service		18,564.00		18,564.00		16,302.60
Deduct allowance value of quarters, fuel, and light furnished		2,220.00		2,220.00		2,010.00
01 Total personal services		16,344.00		16,344.00		14,292.60

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Education, Five Civilized Tribes, Oklahoma (Tribal Funds)—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	JONES—continued			
	Supplies and materials:			
0210	Medical supplies	$50.00	$20.00	$73.24
0220	Scientific and educational supplies	500.00	500.00	317.52
0230	Fuel	1,800.00	1,500.00	1,116.40
0240	Wearing apparel and sewing supplies	200.00	956.00	176.05
0250	Forage and other supplies for animals	500.00	500.00	35.80
0260	Provisions	8,695.00	6,000.00	3,955.85
0280	Sundry supplies	1,000.00	900.00	900.21
02	Total supplies and materials	12,745.00	10,376.00	6,575.07
	Communication service:			
0510	Telephone service	100.00	100.00	79.30
0520	Other communication service	10.00	10.00	3.00
05	Total communication service	110.00	110.00	82.30
06	Travel expense	25.00	25.00	6.30
07	Transportation of things	25.00	78.00	24.74
10	Furnishing of heat, light, power, water, and electricity	800.00	500.00	503.60
12	Repairs and alterations	10,000.00	16,225.00	2,271.82
13	Special and miscellaneous expenses	2,056.00	2,095.00	2,025.01
	Equipment:			
3010	Furniture, furnishings, and fixtures	2,000.00	800.00	271.90
3020	Educational, scientific, and recreational supplies	400.00	400.00	37.45
3040	Livestock	300.00	200.00	30.00
3050	Other equipment	500.00	500.00	502.67
30	Total equipment	3,200.00	1,900.00	842.02
32	Structures and parts, and nonstructural improvements to land	95.00		96.25
	Total	45,400.00	47,653.00	26,719.71
	Transferred from trust funds of Indian tribes	45,400.00	47,653.00	26,719.71
	WHEELOCK			
	Field service:			
	Salaries and wages—			
	Salary range, $1,860 to $2,400; average, $2,100—			
	Superintendent	1 2,100	1 2,100	1 2,100
	Salary range, $1,500 to $1,860; average, $1,680—			
	Nurse	1 1,680	1 1,680	1 1,260
	Salary range, $1,320 to $1,680; average, $1,500—			
	Principal teacher	1 1,620	1 1,620	1 1,620
	Engineer	1 1,560	1 1,560	1 1,560
	Assistant clerk	1 1,500	1 1,500	1 1,500
	Salary range, $1,140 to $1,500; average, $1,320—			
	Teacher	3 1,380	3 1,380	2 1,150
	Music teacher	1 1,380	1 1,380	1 1,035
	Teacher of home economics	1 1,380	1 1,380	1 1,035
	Salary range, $1,020 to $1,260; average, $1,140—			
	Matron (head)	1 1,140	1 1,140	
	Salary range, $900 to $1,140; average, $1,020—			
	Matron (head)			1 1,080
	Cook	1 1,020	1 1,020	1 1,020
	Laborer	2 1,050	2 1,050	1 1,020
	Salary range, $780 to $1,020; average, $900—			
	Seamstress	1 1,020	1 1,020	1 765
	Assistant matron	1 960	1 960	1 720
	Laundress	1 900	1 900	1 720
	Ungraded—			
	Physician	0.8 480	0.8 480	
	Total average number of employees	17.8	17.8	15
	Total salaries and wages, field service	22,980.00	22,980.00	17,722.07
	Deduct allowance value of quarters, fuel, and light furnished	2,760.00	2,760.00	2,310.00
10	Total personal services	20,220.00	20,220.00	15,412.07
	Supplies and materials:			
0210	Medical supplies	100.00	50.00	133.27
0220	Scientific and educational supplies	500.00	200.00	112.61
0230	Fuel	1,500.00	1,264.00	1,230.87
0240	Wearing apparel and sewing supplies	2,280.00	400.00	368.35
0250	Forage and other supplies for animals	2,500.00	2,500.00	2,009.43
0260	Provisions	8,455.00	6,000.00	5,630.28
0280	Sundry supplies	1,000.00	500.00	713.43
02	Total supplies and materials	16,335.00	10,914.00	10,918.24
	Communication service:			
0500	Telegraph service	50.00	50.00	2.20
0510	Telephone service	50.00	70.00	56.30
0520	Other communication service	10.00	25.00	2.10
05	Total communication service	110.00	145.00	60.60

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Education, Five Civilized Tribes, Oklahoma (Tribal Funds)—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
WHEELOCK—continued			
06 Travel expense	$10.00	$10.00	$8.92
07 Transportation of things	600.00	500.00	473.56
12 Repairs and alterations	8,000.00	1,400.00	1,256.07
13 Special and miscellaneous expenses	100.00	100.00	10.00
30 Equipment	1,000.00	800.00	670.64
32 Structures and parts, and nonstructural improvements to land	100.00	100.00	140.38
Total	46,475.00	34,189.00	28,230.48
Transferred from trust funds of Indian tribes	46,475.00	34,189.00	28,230.48
TUSKAHOMA			
Field service:			
Salaries and wages—			
Salary range, $1,860 to $2,400; average, $2,100—			
Superintendent			0.5 2,100
Salary range, $1,500 to $1,860; average, $1,680—			
Nurse			0.5 1,260
Salary range, $1,320 to $1,680; average, $1,500—			
Principal teacher			0.5 1,528
Assistant clerk			0.5 1,500
Engineer			0.5 1,500
Salary range, $1,140 to $1,500; average, $1,320—			
Teacher			1 1,150
Music teacher			0.5 1,035
Teacher of home economics			0.5 1,035
Salary range, $900 to $1,140; average, $1,020—			
Matron (head)			0.5 1,080
Cook			0.5 960
Salary range, $780 to $1,020; average, $900—			
Assistant matron			0.5 765
Seamstress			0.5 765
Laundress			0.5 675
Total average number of employees			7
Total salaries and wages, field service			7,052.00
Deduct allowance value of quarters, fuel, and light furnished			663.00
Cash payment, salaries and wages			6,389.00
Miscellaneous and temporary labor, $8 to $1 per day			144.22
01 Total personal services			6,533.22
Supplies and materials:			
0210 Medical supplies			86.53
0220 Scientific and educational supplies			698.21
0230 Fuel			673.29
0240 Wearing apparel and sewing supplies			58.62
0250 Forage and other supplies for animals			403.25
0260 Provisions			2,922.13
0280 Sundry supplies			493.18
02 Total supplies and materials			5,425.21
Communication service:			
0500 Telegraph service			4.20
0510 Telephone service			29.50
05 Total communication service			33.70
06 Travel expense			249.03
07 Transportation of things			375.25
12 Repairs and alterations			262.80
13 Special and miscellaneous expenses			22.85
30 Equipment			148.42
Total			13,050.48
Transferred from trust funds of Indian tribe			13,050.48
BLOOMFIELD			
Field service:			
Salaries and wages—			
Salary range, $1,860 to $2,400; average, $2,100—			
Superintendent	1 2,100	1 2,100	1 2,100
Salary range, $1,500 to $1,860; average, $1,680—			
Principal			0.8 1,620
Salary range, $1,320 to $1,680; average, $1,500—			
Assistant clerk	1 1,500	1 1,500	1 1,500
Engineer	1 1,500	1 1,500	1 1,500
Principal teacher	1 1,620	1 1,620	
Salary range, $1,140 to $1,500; average, $1,320—			
Teacher	3 1,400	3 1,400	3 1,380
Teacher home economics	2 1,410	2 1,410	1.5 1,380
Music teacher	1 1,380	1 1,380	0.8 1,380
Salary range, $1,020 to $1,260; average, $1,140—			
Matron (head)	1 1,140	1 1,140	
Salary range, $900 to $1,140; average, $1,020—			
Matron	1 1,020	1 1,020	1.8 1,025
Cook	1 1,020	1 1,020	1 1,020
Laborer	1 1,020	1 1,020	1 1,020

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

Education, Five Civilized Tribes, Oklahoma (Tribal Funds)—Continued.

General object (title of appropriation), data of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
BLOOMFIELD—continued					
Field service—Continued.					
Salaries and wages—Continued.	*Average—*	*Average—*	*Average—*		
Salary range, $780 to $1,020; average, $900—	*No.* *Salary*	*No.* *Salary*	*No.* *Salary*		
Laundress	1 $900	1 $900	0.8 $900		
Assistant matron	1 900	1 900	0.8 900		
Total average number of employees	16	16	14.5		
Total salaries and wages, field service	21,120.00	21,120.00	19,035.00		
Deduct allowance value of quarters, fuel, and light furnished	2,640.00	2,640.00	2,346.00		
Cash payment, salaries and wages	18,480.00	18,480.00	16,689.00		
Miscellaneous and temporary labor, $8 to $1 per day	1,770.00	1,770.00	3,539.91		
01 Total personal services	20,250.00	20,250.00	20,228.91		
Supplies and materials:					
0210 Medical supplies	125.00	100.00	187.32		
0220 Scientific and educational supplies	450.00	500.00	649.35		
0230 Fuel	275.00	250.00	266.00		
0240 Wearing apparel and sewing supplies	1,000.00	1,000.00	976.65		
0250 Forage and other supplies for animals	2,400.00	2,500.00	2,363.17		
0260 Provisions	7,000.00	7,000.00	6,530.92		
0280 Sundry supplies	1,400.00	1,500.00	1,015.86		
02 Total supplies and materials	12,650.00	12,850.00	11,989.27		
Communication service—					
0510 Telephone service	100.00	100.00	106.20		
0520 Other communication service	10.00	10.00	8.00		
05 Total communication service	110.00	110.00	114.20		
06 Travel expense	175.00	150.00	169.79		
07 Transportation of things	150.00	150.00	135.30		
08 Printing, engraving, lithographing, photographing, and typewriting			4.40		
10 Furnishing of heat, light, power, water, and electricity	3,500.00	3,500.00	3,889.88		
11 Rents	130.00	130.00	61.00		
12 Repairs and alterations	5,000.00	15,500.00	3,037.01		
13 Special and miscellaneous expenses	100.00	100.00	102.89		
Equipment:					
3000 Passenger-carrying vehicles			630.00		
3010 Furniture, furnishings, and fixtures	1,500.00	900.00	1,519.32		
3040 Livestock	100.00	100.00	75.95		
3050 Other equipment	250.00	250.00	246.27		
30 Total equipment	1,850.00	1,250.00	2,471.54		
Total	43,915.00	53,990.00	42,204.19		
Transferred from trust fund of Indian tribes	43,915.00	53,990.00	42,204.19		
MEKUSUKEY					
Field service:					
Salaries and wages—					
Salary range, $1,860 to $2,400; average, $2,100—					
Superintendent	1 2,100	1 2,100	1 2,100		
Salary range, $1,500 to $1,860; average, $1,680—					
Nurse	1 1,680	1 1,680	0.8 1,680		
Salary range, $1,320 to $1,680; average, $1,500—					
Assistant clerk	1 1,500	1 1,500	1 1,500		
Principal	1 1,620	1 1,620	0.8 1,680		
Engineer	1 1,500	1 1,500	1 1,500		
Salary range, $1,140 to $1,500; average, $1,320—					
Farmer	1 1,380	1 1,380	1 1,380		
Manual training teacher	1 1,380	1 1,380	1 1,380		
Teacher	2 1,380	2 1,380	1.7 1,380		
Salary range, $900 to $1,140; average, $1,020—					
Cook	1 1,020	1 1,020	1 1,020		
Matron	1 1,080	1 1,080	1 1,080		
Salary range, $780 to $1,020; average, $900—					
Assistant matron	1 900	1 900	0.8 900		
Seamstress	1 1,020	1 1,020	1 1,020		
Laundress	1 900	1 900	1 900		
Ungraded—					
Physician	0.8 480	0.8 480	0.8 480		
Total average number of employees	14.8	14.8	14.1		
Total salaries and wages, field service	19,200.00	19,200.00	16,050.00		
Deduct allowance value of quarters, fuel, and light furnished	3,960.00	3,960.00	4,570.00		
Cash payment, salaries and wages	15,240.00	15,240.00	11,480.00		
Miscellaneous and temporary labor, $8 to $1 per day			47.55		
01 Total personal services	15,240.00	15,240.00	11,527.55		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and est mated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Education, Five Civilized Tribes, Oklahoma (Tribal Funds)—Continued.		

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	MEKUSUKEY—continued			
	Supplies and materials:			
0210	Medical supplies	$100.00	$175.00	$176.73
0220	Scientific and educational supplies	300.00	250.00	307.56
0230	Fuel	1,400.00	1,200.00	1,373.61
0240	Wearing apparel and sewing supplies	700.00	200.00	263.82
0250	Forage and other supplies for animals	600.00	600.00	573.66
0260	Provisions	8,000.00	4,350.00	4,503.75
0280	Sundry supplies	600.00	425.00	597.53
02	Total supplies and materials	11,700.00	7,200.00	7,796.66
05	Communication service	50.00	30.00	41.98
06	Travel expense	10.00	10.00	12.58
07	Transportation of things	170.00	150.00	155.93
11	Rents	100.00	20.00	20.46
12	Repairs and alterations	3,800.00	800.00	1,533.66
13	Special and miscellaneous expenses	120.00	53.00	62.78
	Equipment:			
3010	Furniture, furnishings, and fixtures	690.00	100.00	454.40
3020	Educational, scientific, and recreational supplies	100.00	75.00	89.69
3040	Livestock	20.00	10.00	15.65
3050	Other equipment	1,000.00	100.00	995.10
30	Total equipment	1,810.00	285.00	1,554.84
	Total	33,000.00	23,788.00	22,706.44
	Transferred from trust funds of Indian tribes	33,000.00	23,788.00	22,706.44

SUMMARY

	1929	1928	1927
Choctaw:			
Jones	$45,400.00	$47,653.00	$26,719.71
Wheelock	46,475.00	34,189.00	28,230.48
Tuskahoma			13,050.48
Tuition	43,125.00	43,125.00	40,562.09
Total Choctaw	135,000.00	124,967.00	108,562.76
Chickasaw:			
Bloomfield	43,915.00	53,990.00	42,204.19
Tuition	22,750.00	22,750.00	14,522.08
Total Chickasaw	66,665.00	76,740.00	56,726.27
Seminole: Mekusukey	33,000.00	23,788.00	22,706.44
Total:			
Choctaw	135,000.00	124,967.00	108,562.76
Chickasaw	66,665.00	76,740.00	56,726.27
Seminole	33,000.00	23,788.00	22,706.44
Total	234,665.00	225,495.00	187,995.47

Indian School Transportation—

For collection and transportation of pupils to and from Indian and public schools, and for placing school pupils, with the consent of their parents, under the care and control of white families qualified to give them moral, industrial, and educational training, $90,000: *Provided*, That not exceeding $7,000 of this sum may be used for obtaining remunerative employment for Indians and, when necessary, for payment of transportation and other expenses to their places of employment: *Provided further*, That when practicable such transportation and expenses shall be refunded and shall be returned to the appropriation from which paid. The provisions of this section shall also apply to native Indian pupils of school age under twenty-one years of age brought from Alaska (*U. S. C., p. 690, sec. 13; act Jan. 12, 1927, vol. 44, p. 948*) ..... $90,000.00 | $90,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Indian School Transportation—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Field service:			
	Salaries and wages—	*Average—*	*Average—*	*Average—*
	Salary range, $1,320 to $1,680; average, $1,500—	*No.* *Salary*	*No.* *Salary*	*No.* *Salary*
	Assistant clerk	1 $1,500	1 $1,500	
	Total average number of employees	1	1	
	Total salaries and wages, field service	1,500.00	1,500.00	
	Miscellaneous and temporary labor $8 to $1 per day	5,000.00	5,000.00	$4,970.68
01	Total personal services	6,500.00	6,500.00	4,970.68
	Supplies and materials:			
0230	Fuel	1,100.00	1,100.00	1,136.86
0280	Sundry supplies	100.00	100.00	41.13
02	Total supplies and materials	1,200.00	1,200.00	1,177.99
	Communication service:			
0500	Telegraph service	10.00	10.00	7.89
0510	Telephone service	50.00	50.00	39.20
05	Total communication service	60.00	60.00	47.09
06	Travel expense	78,640.00	76,640.00	80,047.17
07	Transportation of things	500.00	500.00	359.00
10	Furnishing of heat, light, power, water, and electricity			16.80
12	Repairs and alterations	3,000.00	3,000.00	2,815.52
30	Equipment	100.00	100.00	34.00
			88,000.00	89,468.25
	Unobligated balance			531.75
	Reserve		2,000.00	
	Total	90,000.00	90,000.00	90,000.00

Indian School Buildings—

For construction, lease, purchase, repair, and improvement of school buildings, including the purchase of necessary lands and the installation, repair, and improvement of heating, lighting, power, and sewerage and water systems in connection therewith, [$225,000] *$336,000*: *Provided*, That not more than $7,500 out of this appropriation shall be expended for new construction at any one school or institution unless herein expressly authorized: *Provided further*, That not to exceed $25,000 of the above appropriation may be used for providing additional school facilities for the Pueblo and Hopi Indians: *Provided further, That from this appropriation new construction is authorized as follows: For central heating and power plant, Eastern Navajo School, not to exceed $37,000; for remodeling, improving, and enlarging the Rice Station Boarding School, San Carlos Reservation, Arizona, including equipment, $49,323 (U. S. C., p. 690, sec, 13; act Jan. 12, 1927, vol. 44, p. 948)* $336,000.00 $225,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Field service:			
	Salaries and wages—	*Average—*	*Average—*	*Average—*
	Salary range, $2,100 to $2,700; average, $2,400—	*No.* *Salary*	*No.* *Salary*	*No.* *Salary*
	Superintendent of construction	1.3 $2,850	1.3 $2,850	1.3 $2,850
	Total average number of employees	1.3	1.3	1.3
	Total personal services	3,400.00	3,400.00	3,400.00
	Travel expense:			
0600	Commercial transportation	700.00	700.00	670.68
0630	Per diem in lieu of subsistence	300.00	300.00	320.00
06	Total travel expense	1,000.00	1,000.00	990.68
11	Rents	3,500.00	3,500.00	2,730.48
12	Repairs and alterations	241,777.00	132,200.00	122,885.80
30	Equipment	3,441.00		454.53
32	Structures and parts and nonstructural improvements to land	82,882.00	81,900.00	52,075.52
			222,000.00	182,537.01
	Outstanding obligations not included above			10,000.00
	Unobligated balance			7,462.99
	Reserve		3,000.00	
	Total	336,000.00	225,000.00	200,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Indian School Building, Burns, Oreg.—		
For the construction and equipment of a school building in or near Burns, Oregon, in accordance with the provisions of the act of June 23, 1926 (act June 23, 1926, vol. 44, p. 761) (submitted)	$8,000.00	

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
3050	Other equipment	$500		
3210	Other structures	7,500		
	Total	8,000		

For support and education of Indian pupils at the following boarding schools in not to exceed the following amounts, respectively:

Indian School, Fort Mojave, Ariz.—

Fort Mojave, Arizona: For two hundred and fifty pupils, [$56,250]; *$60,000*; for pay of superintendent, drayage, and general repairs and improvements, [$20,000, including $9,000 for new irrigation engine and pump] *$12,000*; in all, [$76,250] (*U. S. C., p. 690, sec. 13; act Jan. 12, 1927, vol. 44, p. 948*) $72,000.00

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Field service:						
	Salaries and wages—	*Average—*		*Average—*		*Average—*	
	Salary range, $2,100 to $2,700; average, $2,400—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Superintendent	1	$2,400	1	$2,400	1	$2,400
	Physician	1	2,400	1	2,400	0.4	2,400
	Salary range, $1,860 to $2,400; average, $2,100—						
	Physician					0.6	2,100
	Salary range, $1,500 to $1,860; average, $1,680—						
	Nurse	1	1,680	1	1,680	0.9	1,680
	Principal	1	1,680	1	1,680	0.7	1,680
	Financial clerk	1	1,680	1	1,680	0.9	1,680
	Salary range, $1,320 to $1,680; average, $1,500—						
	Principal					0.3	1,560
	Engineer	1	1,500	1	1,500	1	1,500
	Salary range, $1,140 to $1,500; average, $1,320—						
	Farmer	1	1,500	1	1,500	1	1,440
	Disciplinarian	1	1,380	1	1,380	1	1,380
	Teacher	6	1,380	6	1,380	4.8	1,380
	Teacher of home economics	1	1,380	1	1,380	1	1,380
	Matron	1	1,320	1	1,320		
	Junior clerk	1	1,320	1	1,320	0.9	1,320
	Assistant engineer	1	1,320	1	1,320	1	1,320
	Carpenter	1	1,320	1	1,320	1	1,320
	Salary range, $900 to $1,140; average, $1,020—						
	Matron	1	1,020	1	1,020	2	1,080
	Laborer	1	1,080	1	1,080	1	1,080
	Cook	1	1,020	1	1,020	1	1,020
	Salary range, $780 to $1,020; average $900—						
	Seamstress	1	1,020	1	1,020	1	1,020
	Assistant matron	2	930	2	930	1.8	900
	Laundress	1	900	1	900	0.9	900
	Assistant	2	660	2	660	1.8	660
	Total average number of employees	28		28		25	
	Total salaries and wages, field service		37,380.00		37,380.00		34,224.00
	Deduct allowance value of quarters, fuel, and light furnished		4,620.00		4,620.00		4,215.00
	Cash payment, salaries and wages		32,760.00		32,760.00		30,009.00
	Miscellaneous and temporary labor, $8 to $1 per day		500.00		500.00		332.68
01	Total personal services		33,260.00		33,260.00		30,341.68
	Supplies and materials:						
0210	Medical supplies		400.00		400.00		380.10
0220	Scientific and educational supplies		200.00		500.00		156.72
0230	Fuel		5,000.00		5,000.00		5,097.51
0240	Wearing apparel and sewing supplies		5,750.00		5,000.00		3,165.46
0250	Forage and other supplies for animals		200.00		400.00		192.25
0260	Provisions		15,000.00		11,500.00		10,515.04
0280	Sundry supplies		1,000.00		1,000.00		1,550.62
02	Total supplies and materials		27,550.00		23,800.00		21,057.70
	Communication service:						
0500	Telegraph service		25.00		25.00		25.06
0510	Telephone service		375.00		375.00		380.00
05	Total communication service		400.00		400.00		405.06
06	Travel expense		300.00		300.00		301.30
07	Transportation of things		2,000.00		2,000.00		2,302.52

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), data of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Indian School, Fort Mojave, Ariz.—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Repairs and alterations:			
1200	Buildings	$7,900.00	$6,570.00	$7,485.95
1290	Miscellaneous repairs and alterations	3,000.00	3,000.00	2,813.13
12	Total repairs and alterations	10,900.00	9,500.00	10,299.08
13	Special and miscellaneous expenses	90.00	90.00	15.00
	Equipment:			
3010	Furniture, furnishings, and fixtures	1,000.00	1,000.00	899.61
3020	Educational, scientific, and recreational supplies	300.00	500.00	159.96
3040	Livestock			50.00
3050	Other equipment	1,200.00	9,000.00	927.26
30	Total equipment	2,500.00	10,500.00	2,036.83
32	Structures and parts, and nonstructural improvements to land		800.00	5,590.82
		77,000.00	80,650.00	72,349.99
	Less Indian moneys, proceeds of labor (school)	5,000.00	5,000.00	
	Total	72,000.00	75,650.00	72,349.99

Indian School, Phoenix, Ariz.—

Phoenix, Arizona: For nine hundred *and fifteen* pupils, including not to exceed $1,500 for printing and issuing school paper, [$202,500] *$210,450;* for pay of superintendent, drayage, and general repairs and improvements, [$22,000] *$23,000;* in all, [$224,500] *$233,450: Provided,* That *the sum of $11,000 appropriated in the act of March 3, 1925, making appropriations for the Department of the Interior for the fiscal year ending June 30, 1926 (Forty-third Statutes at Large, page 1156), for the purchase of approximately eighteen acres of land adjacent to the United States Indian school, Phoenix, Arizona, is hereby made available for the same purpose until June 30. 1929 (U. S. C., p. 690, sec. 13; act Jan. 12, 1927, vol. 44, p. 948)*—— $233,450.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $3,000 to $3,600; average, $3,300—						
Superintendent	1	$3,900	1	$3,900	1	$3,600
Salary range, $2,400 to $3,000; average, $2,700—						
Physician	1	2,700	1	2,700	0.3	2,700
Salary range, $2,100 to $2,700; average, $2,400—						
Physician					0.7	2,500
Salary range, $1,860 to $2,400; average, $2,100—						
Principal clerk	1	2,200	1	2,200	1	2,100
Principal	1	2,100	1	2,100	1	2,100
Salary range, $1,680 to $2,040; average, $1,860—						
Physical director	1	1,860	1	1,860	1	1,860
Superintendent of industries	1	1,860	1	1,860	1	1,860
Engineer	1	1,860	1	1,860	1	1,860
Salary range, $1,500 to $1,860; average, $1,680—						
Principal of home economics	1	1,740	1	1,740	0.8	1,740
Disciplinarian	1	1,680	1	1,680	1	1,680
Nurse	2	1,680	2	1,680	2	1,680
Salary range, $1,320 to $1,680; average, $1,500—						
Junior teacher of agriculture	1	1,740	1	1,740	0.2	1,680
Teacher (junior high)	5	1,620	5	1,620	4.5	1,620
Teacher of home economics (junior high)	2	1,620	2	1,620	2.2	1,620
Carpenter	1	1,620	1	1,620	1	1,620
Printer	1	1,620	1	1,620	1	1,620
Plumber	1	1,620	1	1,620	1	1,620
Mason	1	1,620	1	1,620	1	1,620
Matron (head)	1	1,560	1	1,560	1	1,500
Financial clerk	1	1,560	1	1,560	1	1,500
Music teacher	1	1,500	1	1,500	1	1,500
Salary range, $1,140 to $1,500; average, $1,320—						
Farmer					0.8	1,680
Carpenter	1	1,500	1	1,500	1	1,410
Teacher	9	1,407	9	1,407	8.8	1,380
General mechanic	1	1,380	1	1,380	1	1,380
Dairyman	1	1,380	1	1,380	1	1,380
Poultryman	1	1,380	1	1,380	1	1,380
Junior clerk	3	1,360	3	1,360	3	1,320
Cook	1	1,320	1	1,320	0.3	1,320
Painter	1	1,320	1	1,320	1	1,320
Band leader	1	1,320	1	1,320	1	1,320
Assistant engineer	1	1,320	1	1,320	1	1,320

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Indian School, Phoenix, Ariz.—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Field service—Continued.			
Salaries and wages—Continued.	*Average—*	*Average—*	*Average—*
Salary range, $900 to $1,140; average, $1,020—	*No.* *Salary*	*No.* *Salary*	*No.* *Salary*
Blacksmith	1 $1,260	1 $1,260	1 $1,260
Baker	1 1,140	1 1,140	1 1,140
Laborer	4 1,125	4 1,125	3.9 1,125
Matron	5 1,032	5 1,032	5 1,032
Tailor	1 1,020	1 1,020	0.7 1,020
Cook	1 1,020	1 1,020	1.7 1,076
Assistant disciplinarian	1 1,020	1 1,020	0.9 1,020
Salary range, $780 to $1,020; average, $900—			
Seamstress	1 1,140	1 1,140	1 1,050
Laundress	1 1,020	1 1,020	1 990
Assistant matron	1 960	1 960	1 960
Salary range, $600 to $780; average, $690—			
Assistant	3 660	3 660	3 660
Total average number of employees	66	66	66.8
Total salaries and wages, field service	95,443.00	95,443.00	92,285.00
Deduct allowance value of subsistence, quarters, fuel, and light	12,320.00	12,320.00	12,236.00
Cash payment, salaries and wages	83,123.00	83,123.00	80,049.00
Miscellaneous and temporary labor, $8 to $1 per day	225.00	225.00	123.23
01 Total personal services	83,348.00	83,348.00	80,172.23
Supplies and materials:			
0210 Medical supplies	1,500.00	1,500.00	1,049.82
0220 Scientific and educational supplies	2,500.00	2,000.00	2,229.52
0230 Fuel	11,500.00	11,500.00	10,112.48
0240 Wearing apparel and sewing supplies	22,000.00	20,000.00	18,759.44
0250 Forage and other supplies for animals	5,000.00	5,000.00	5,107.48
0260 Provisions	40,000.00	34,000.00	33,274.60
0280 Sundry supplies	9,500.00	7,500.00	6,435.82
02 Total supplies and materials	92,000.00	81,500.00	76,969.16
Communication service:			
0500 Telegraph service	50.00	50.00	37.17
0510 Telephone service	700.00	700.00	705.53
05 Total communication service	750.00	750.00	742.70
06 Travel expense	200.00	200.00	139.60
07 Transportation of things	1,000.00	1,000.00	726.84
08 Printing, engraving, lithographing, photographing, and typewriting			31.00
10 Furnishing of heat, light, power, water, and electricity	8,500.00	8,500.00	8,462.18
11 Rents	300.00	300.00	200.13
Repairs and alterations:			
1200 Buildings	18,400.00	15,400.00	18,768.12
1290 Miscellaneous repairs and alterations	7,000.00	7,000.00	8,466.71
12 Total repairs and alterations	25,400.00	22,400.00	27,234.83
13 Special and miscellaneous expenses	852.00	757.00	511.22
22 Grants, subsidies, and contributions	300.00	200.00	250.00
Equipment:			
3000 Passenger-carrying vehicles	800.00		650.00
3010 Furniture, furnishings, and fixtures	9,000.00	9,500.00	14,413.92
3020 Educational, scientific, and recreational supplies	1,500.00	1,500.00	1,640.86
3040 Livestock	500.00	500.00	1,734.00
3050 Other equipment	9,000.00	8,500.00	7,900.95
30 Total equipment	20,800.00	20,000.00	26,339.73
32 Structures and parts, and nonstructural improvements to land			8,663.15
	233,450.00	218,955.00	230,442.77
Less amount expended from Indian moneys, proceeds of labor		3,500.00	2,647.48
Total	233,450.00	215,455.00	[1] 227,795.29

[1] $8,663.15 diverted to replace building destroyed by fire.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Indian School, Truxton Canyon, Ariz.—		
Truxton Canyon, Arizona: For two hundred and [twenty-five] *fifteen* pupils, [$50,625] *$51,600*; for pay of superintendent, drayage, and general repairs and improvements, [$17,000, including $9,000 for addition to assembly hall] *$22,000, including $10,000 for new heating plant and $5,000 for lavatory annexes*; in all, [$67,625] (*U. S. C., p. 690, sec. 13; act Jan. 12, 1927, vol. 44, p. 948*)	$73,600.00	

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Field service:						
	Salaries and wages—	*Average—*		*Average—*		*Average—*	
	Salary range, $2,100 to $2,700; average, $2,400—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Superintendent	1	$2,400	1	$2,400	1	$2,400
	Salary range, $1,500 to $1,860; average, $1,680—						
	Nurse	1	1,680	1	1,680	1	1,680
	Salary range, $1,320 to $1,680; average, $1,500—						
	Principal teacher	1	1,560	1	1,560	1	1,500
	Financial clerk	1	1,500	1	1,500	0.9	1,500
	Engineer	1	1,500	1	1,500	0.9	1,500
	Salary range, $1,140 to $1,500; average, $1,320—						
	General mechanic	1	1,380	1	1,380	1	1,380
	Teacher	4	1,380	4	1,380	3.8	1,380
	Teacher home economics	1	1,380	1	1,380	0.8	1,380
	Junior clerk	1	1,320	1	1,320	0.6	1,320
	Salary range, $900 to $1,140; average, $1,020—						
	Matron	1	1,080	1	1,080	1	1,080
	Disciplinarian	1	1,020	1	1,020	1	1,020
	Cook	1	1,020	1	1,020	0.8	1,020
	Salary range, $780 to $1,020; average, $900—						
	Seamstress	1	1,020	1	1,020	0.7	1,020
	Laundress	1	960	1	960	1	900
	Laborer	1	900	1	900	0.9	900
	Salary range, $600 to $780; average, $690—						
	Assistant	2	660	2	660	1.2	660
	Total average number of employees	20		20		17.6	
	Total salaries and wages, field service		25,560.00		25,560.00		22,932.00
	Deduct allowance value of quarters, fuel, and light furnished		3,120.00		3,120.00		2,835.00
	Cash payment, salaries and wages		22,440.00		22,440.00		20,097.00
	Miscellaneous and temporary labor, $8 to $1 per day		1,000.00		1,000.00		1,286.77
01	Total personal services		23,440.00		23,440.00		21,383.77
	Supplies and materials:						
0210	Medical supplies		50.00		50.00		34.78
0220	Scientific and educational supplies		600.00		600.00		497.60
0230	Fuel		3,000.00		2,800.00		2,519.22
0240	Wearing apparel and sewing supplies		7,500.00		7,000.00		5,357.99
0250	Forage and other supplies for animals		1,300.00		1,300.00		1,263.68
0260	Provisions		9,000.00		8,000.00		5,939.55
0280	Sundry supplies		2,600.00		2,000.00		1,022.14
02	Total supplies and materials		24,050.00		21,750.00		16,634.96
	Communication service:						
0500	Telegraph service		25.00		25.00		22.37
0510	Telephone service		75.00		75.00		35.61
0520	Other communication service		10.00		10.00		3.37
05	Total communication service		110.00		110.00		61.35
06	Travel expenses		100.00		100.00		60.00
07	Transportation of things		1,000.00		200.00		439.66
	Repairs and alterations:						
1200	Buildings		4,600.00		5,460.00		9,973.47
1290	Miscellaneous repairs and alterations		1,500.00		1,500.00		1,414.08
12	Total repairs and alterations		6,100.00		7,960.00		11,387.55
13	Special and miscellaneous expenses		250.00		250.00		19.00
22	Grants, subsidies, and contributions		250.00		150.00		212.80
	Equipment:						
3000	Passenger-carrying vehicles						427.36
3010	Furniture, furnishings, and fixtures		3,000.00		2,000.00		3,304.34
3020	Educational, scientific, and recreational supplies		500.00		400.00		149.81
3050	Other equipment		10,500.00		1,000.00		2,954.71
30	Total equipment		14,000.00		3,400.00		6,836.22
32	Structures and parts, and nonstructural improvements to land		4,800.00		8,730.00		6,134.20
			74,100.00		66,090.00		63,169.51
	Less Indian moneys, proceeds of labor		500.00		500.00		500.00
	Total		73,600.00		65,590.00		62,669.51

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Theodore Roosevelt Indian School, Fort Apache, Ariz.—		
Theodore Roosevelt Indian School, Fort Apache, Arizona: For four hundred and fifty pupils, [$101,250] *$108,000*; for pay of superintendent, drayage, and general repairs and improvements, [$20,000] *including repairs and improvements to roads and bridges, $30,000; for new school building and equipment, $60,000;* in all [, $121,250] (*U. S. C., p. 690, sec. 13; act Jan. 12, 1927, vol. 44, p. 948*)	$198,000.00	

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Field service:						
	Salaries and wages—	*Average—*		*Average—*		*Average—*	
	Salary range, $2,400 to $3,000; average, $2,700—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Superintendent	1	$2,700	1	$2,700	1	$2,700
	Salary range, $1,860 to $2,400; average, $2,100—						
	Physician	1	2,100	1	2,100	1	2,100
	Salary range, $1,680 to $2,040; average, $1,860—						
	General mechanic	1	1,920	1	1,920	1	1,860
	Principal	1	1,860	1	1,860	1	1,860
	Salary range, $1,500 to $1,860; average, $1,680—						
	Engineer	1	1,860	1	1,860		
	Clerk	1	1,740	1	1,740	1	1,680
	Nurse	1	1,680	1	1,680	1	1,680
	Salary range, $1,320 to $1,680; average, $1,500—						
	Engineer					1	1,500
	Salary range, $1,140 to $1,500; average, $1,320—						
	Teacher	8	1,380	8	1,380	8	1,380
	Teacher home economics	1	1,380	1	1,380	0.6	1,380
	Disciplinarian	1	1,380	1	1,380	1	1,380
	Farmer	1	1,380	1	1,380	1	1,380
	Band leader	1	1,320	1	1,320	1	1,320
	Matron	1	1,320	1	1,320	1	1,355
	Junior clerk	1	1,320	1	1,320	1	1,350
	Assistant engineer	1	1,320	1	1,320	1	1,320
	Salary range, $900 to $1,140; average, $1,020—						
	Laborer	7	1,029	7	1,029	7	1,029
	Matron	2	1,020	2	1,020	2	1,020
	Cook	1	1,020	1	1,020	1	1,020
	Assistant disciplinarian	1	1,020	1	1,020	1	1,020
	Baker	1	1,020	1	1,020	1	1,020
	Salary range, $780 to $1,020; average, $900—						
	Seamstress	1	1,020	1	1,020	1	1,020
	Laundress	1	900	1	900	1	900
	Salary range, $600 to $780; average, $690—						
	Assistant	2	660	2	660	2	660
	Total average number of employees	38		38		37.6	
	Total salaries and wages, field service		49,863.00		49,863.00		48,896.00
	Deduct allowance value of quarters, fuel, and light furnished		5,840.00		5,840.00		5,868.00
	Cash payment salaries and wages		44,023.00		44,023.00		43,028.00
	Miscellaneous and temporary labor, $8 to $1 per day		2,000.00		2,000.00		2,304.16
01	Total personal services		46,023.00		46,023.00		45,332.16
	Supplies and materials:						
0210	Medical supplies		400.00		400.00		305.52
0220	Scientific and educational supplies		600.00		600.00		515.10
0230	Fuel		5,000.00		5,000.00		5,019.27
0240	Wearing apparel and sewing supplies		14,300.00		12,000.00		11,981.55
0250	Forage and other supplies for animals		500.00		600.00		481.85
0260	Provisions		35,000.00		28,000.00		24,473.18
0280	Sundry supplies		2,000.00		1,000.00		2,373.48
02	Total supplies and materials		57,800.00		47,600.00		45,149.95
	Communication service:						
0500	Telegraph service		25.00		25.00		17.17
0510	Telephone service		50.00		50.00		11.75
0520	Other communication service						3.15
05	Total communication service		75.00		75.00		32.07
06	Travel expense		300.00		300.00		415.89
07	Transportation of things		3,000.00		1,000.00		967.87
08	Printing, engraving, lithographing, photographing, and typewriting						2.62
	Repairs and alterations:						
1200	Buildings		24,000.00		16,600.00		14,085.48
1290	Miscellaneous repairs and alterations		2,400.00		3,000.00		3,721.47
12	Total repairs and alterations		27,000.00		19,600.00		17,806.95
13	Special and miscellaneous expenses		102.00		117.00		
	Equipment:						
3010	Furniture, furnishings, and fixtures		3,500.00		2,000.00		2,669.32
3020	Educational, scientific, and recreational supplies		1,000.00		500.00		127.87
3040	Livestock						2,048.00
3050	Other equipment		4,200.00		400.00		2,344.76
30	Total equipment		8,700.00		2,900.00		7,189.95
32	Structures and parts, and nonstructural improvements to land		55,000.00				753.13
	Total		198,000.00		117,615.00		117,650.59

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continue

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Indian School, Riverside, Calif.— Sherman Institute, Riverside, California: For one thousand pupils, including not to exceed $1,000 for printing and issuing school paper, [$225,000] *$230,000*; for pay of superintendent, drayage, and general repairs and improvements, $15,000; [for dairy and horse barn, $5,000] *for addition to dormitory, $10,000*; in all, [$245,000] (*U. S. C., p. 690, sec. 13; act Jan. 12, 1927, vol. 44, p. 948*)	$255,000.00	

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
Salary range, $3,000 to $3,600; average, $3,300—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Superintendent	1	$3,600	1	$3,600	1	$3,600
Salary range, $2,400 to $3,000; average, $2,700—						
Assistant superintendent	1	2,700	1	2,700	0.8	2,700
Salary range, $2,100 to $2,700; average, $2,400—						
Physician	1	2,400	1	2,400	1	2,400
Salary range, $1,860 to $2,400; average, $2,100—						
Principal clerk	1	2,300	1	2,300	1	2,200
Principal					0.2	2,100
Salary range, $1,680 to $2,040; average, $1,860—						
Superintendent of industries	1	2,000	1	2,000	1	1,890
Engineer	1	1,860	1	1,860	1	1,860
Salary range, $1,500 to $1,860; average, $1,680—						
Disciplinarian	1	1,860	1	1,860	1	1,770
Principal home economics	1	1,800	1	1,800	0.5	1,770
Teacher (senior high)	2	1,740	2	1,740	1.6	1,740
Teacher home economics (senior high)	1	1,740	1	1,740	0.5	1,680
Nurse	2	1,710	2	1,710	2	1,680
Salary range, $1,320 to $1,680; average, $1,500—						
Assistant clerk	1	1,740	1	1,740	1	1,650
Carpenter	1	1,680	1	1,680	1	1,650
Teacher (junior high)	6	1,630	6	1,630	5.8	1,620
Teacher home economics (junior high)	1	1,620	1	1,620	0.3	1,620
Mason	1	1,620	1	1,620	1	1,620
Teacher of agriculture	1	1,620	1	1,620	1	1,620
Music teacher	1	1,560	1	1,560	1	1,500
Printer	1	1,560	1	1,560	1	1,590
Matron, head	1	1,500	1	1,500	1	1,500
Salary range, $1,140 to $1,500; average, $1,320—						
Teacher of home economics	1	1,500	1	1,500	1.3	1,440
Band leader	1	1,500	1	1,500	1	1,440
Outing matron	1	1,500	1	1,500	1	1,410
Junior clerk	3	1,480	3	1,480	3	1,440
Outing agent	1	1,440	1	1,440	1	1,410
Dairyman	1	1,440	1	1,440	1	1,380
Carpenter	1	1,440	1	1,440	1	1,350
Teacher	9	1,380	9	1,380	9	1,380
Farmer	1	1,380	1	1,380	1	1,380
Tailor	1	1,380	1	1,380	1	1,380
Assistant engineer	2	1,380	2	1,380	2	1,380
Salary range, $1,020 to $1,260; average, $1,140—						
Assistant disciplinarian	1	1,440	1	1,440	1	1,410
Salary range, $900 to $1,140; average, $1,020—						
Shoe and harness maker	1	1,260	1	1,260	1	1,260
Blacksmith	1	1,260	1	1,260	1	1,260
Matron	7	1,080	7	1,080	7	1,050
Laborer	6	1,080	6	1,080	6	1,080
Baker	1	1,020	1	1,020	1	1,020
Cook	4	1,020	4	1,020	4	1,020
Salary range, $780 to $1,020; average, $900—						
Seamstress	2	1,050	2	1,050	2	1,020
Matron	1	1,020	1	1,020	1	1,020
Laundress	1	960	1	960	1	960
Salary range, $600 to $780; average, $690—						
Assistant	2	660	2	660	2	660
Total average number of employees	76		76		74	
Total salaries and wages, field service		109,540.00		109,540.00		104,488.00
Deduct allowance value of quarters, fuel, and light furnished		12,500.00		12,500.00		12,088.00
Cash payment, salaries and wages		97,040.00		97,040.00		92,400.00
Miscellaneous and temporary labor, $8 to $1 per day		1,500.00		1,500.00		1,707.08
01 Total personal services		98,540.00		98,540.00		94,107.08
Supplies and materials:						
0210 Medical supplies		1,000.00		1,000.00		859.76
0220 Scientific and educational supplies		5,000.00		4,500.00		2,679.29
0230 Fuel		12,000.00		10,000.00		9,797.99
0240 Wearing apparel and sewing supplies		30,000.00		25,000.00		18,135.67
0250 Forage and other supplies for animals		3,000.00		3,000.00		3,249.86
0260 Provisions		50,000.00		43,000.00		37,865.76
0280 Sundry supplies		8,000.00		8,000.00		8,020.62
02 Total supplies and materials		109,000.00		94,500.00		80,608.95
Communication service:						
0500 Telegraph service		50.00		50.00		31.81
0510 Telephone service		450.00		450.00		456.60
05 Total communication service		500.00		500.00		488.41

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Indian School, Riverside, Calif.—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
06 Travel expense	$300.00	$300.00	$334.82
07 Transportation of things	3,000.00	1,000.00	704.39
08 Printing, engraving, lithographing, photographing, and typewriting			9.50
10 Furnishing of heat, light, power, water, and electricity	12,000.00	12,000.00	12,121.40
11 Rents	1,000.00	1,000.00	992.44
Repairs and alterations:			
1200 Buildings	19,700.00	10,250.00	12,761.42
1290 Miscellaneous repairs and alterations	3,800.00	4,000.00	4,050.50
12 Repairs and alterations	23,500.00	14,250.00	16,811.92
13 Special and miscellaneous expenses	560.00	980.00	977.79
22 Grants, subsidies, and contributions	350.00	350.00	220.00
Equipment:			
3000 Passenger-carrying vehicles			471.31
3010 Furniture, furnishings, and fixtures	5,000.00	5,000.00	7,244.22
3020 Educational, scientific, and recreational supplies	2,000.00	2,500.00	927.37
3040 Livestock	250.00	100.00	90.00
3050 Other equipment	3,000.00	4,000.00	7,584.58
30 Total equipment	10,250.00	11,600.00	16,317.48
31 Land and interest in land			26,500.00
32 Structures and parts, and nonstructural improvements to land		4,850.00	55.80
	259,000.00	239,870.00	250,249.98
Less Indian moneys, proceeds of labor	4,000.00	3,000.00	7,808.68
Total	255,000.00	236,870.00	242,441.30

Indian School, Fort Bidwell, Calif.—

Fort Bidwell Indian School, California: For one hundred pupils, [$25,000] *$26,000*; for pay of superintendent, drayage, and general repairs and improvements, [$7,000] *$8,000*; in all, [$32,000] *(U. S. C., p. 690, sec. 13; act, Jan. 12, 1927, vol. 44, p. 948)* $34,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $1,860 to $2,400; average, $2,100—						
Superintendent	1	$2,100	1	$2,100	1	$2,100
Salary range, $1,500 to $1,860; average, $1,680—						
Clerk	0.5	1,740	0.5	1,740	0.5	1,680
Salary range, $1,140 to $1,500; average, $1,320—						
Farmer	0.7	1,440	0.7	1,440	0.7	1,380
Teacher	3	1,380	3	1,380	3	1,380
General mechanic	1	1,380	1	1,380	1	1,380
Matron	0.8	1,320	0.8	1,320	0.8	1,320
Salary range, $900 to $1,140; average, $1,020—						
Matron	1	1,020	1	1,020	1	1,020
Laborer	1	1,020	1	1,020	1	1,020
Cook	1	1,020	1	1,020	0.3	1,020
Salary range, $780 to $1,020; average, $900—						
Seamstress	1	1,020	1	1,020	1	1,020
Laundress					1	900
Laborer	1	900	1	900		
Cook					0.7	900
Ungraded—						
Physician	1	720	1	720	1	720
Total average number of employees	13		13		13	
Total salaries and wages, field service		16,254.00		16,254.00		16,098.00
Deduct allowance value of quarters, fuel, and light furnished		1,920.00		1,920.00		1,920.00
Cash payment, salaries and wages		14,334.00		14,334.00		14,178.00
Miscellaneous and temporary labor, $8 to $1 per day		300.00		300.00		412.22
01 Total personal services		14,634.00		14,634.00		14,590.22

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Indian School, Fort Bidwell, Calif.—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Supplies and materials:			
0210	Medical supplies	$100.00	$100.00	$73.91
0220	Scientific and educational supplies	150.00	200.00	116.38
0230	Fuel	4,000.00	3,500.00	3,615.81
0240	Wearing apparel and sewing supplies	1,800.00	1,700.00	1,604.91
0260	Provisions	4,500.00	4,000.00	3,164.42
0280	Sundry supplies	600.00	500.00	429.97
02	Total supplies and materials	11,150.00	10,000.00	9,005.40
06	Travel expense			2.95
07	Transportation of things	300.00	300.00	280.68
08	Printing, engraving, lithographing, photographing, and typewriting			7.95
11	Rents	100.00	100.00	87.03
	Repairs and alterations:			
1200	Buildings	5,840.00	4,630.00	1,631.07
1290	Miscellaneous repairs and alterations	600.00	500.00	845.27
12	Total repairs and alterations	6,440.00	5,130.60	2,476.34
13	Special and miscellaneous expenses	276.00	176.00	90.50
	Equipment:			
3000	Passenger-carrying vehicles			539.00
3010	Furniture, furnishings, and fixtures	1,000.00	800.00	938.84
3020	Educational, scientific, and recreational supplies	500.00	100.00	50.80
3040	Livestock			27.00
3050	Other equipment	600.00	800.00	912.78
30	Total equipment	2,100.00	1,700.00	2,468.42
32	Structures and parts, and nonstructural improvements to land			3,025.00
		35,000.00	32,040.00	32,034.49
	Less Indian moneys, proceeds of labor (school)	1,000.00	1,000.00	1,104.51
	Total	34,000.00	31,040.00	30,929.98

Indian School, Haskell Institute, Lawrence, Kans.—

Haskell Institute, Lawrence, Kansas: For eight hundred and fifty pupils, including not to exceed $1,500 for printing and issuing school paper, [$191,250] *$195,500*; for pay of superintendent, drayage, purchase of water for domestic purposes, and general repairs and improvements, including necessary drainage work, $27,000; for remodeling and [enlarging office building, $10,000] *reconditioning boys' dormitories, $25,000*; in all, [$228,250] (*U. S. C., p. 690, sec. 13; act Jan. 12, 1927, vol. 44, p. 949*) -- $247,500.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $3,300 to $3,900; average, $3,600—						
Superintendent	1	$3,900	1	$3,900	1	$3,600
Salary range, $2,400 to $3,000; average, $2,700—						
Assistant superintendent	1	2,800	1	2,800	1	2,700
Salary range, $1,860 to $2,400; average, $2,100—						
Principal, business department	1	2,200	1	2,200	1	2,200
Principal clerk	1	2,200	1	2,200	1	2,150
Master mechanic	1	2,100	1	2,100	1	2,100
Principal, normal department	1	2,100	1	2,100	0.4	2,100
Salary range, $1,680 to $2,040; average, $1,860—						
Printer	1	2,000	1	2,000	1	1,920
Superintendent industries	1	1,860	1	1,860	1	1,860
Engineer	1	1,860	1	1,860	0.9	1,860
Normal teacher					0.6	1,860
Salary range, $1,500 to $1,860; average, $1,680—						
Principal home economics	1	1,860	1	1,860	1	1,860
Disciplinarian	1	1,800	1	1,800	1	1,710
Teacher senior high	10	1,740	10	1,740	10.2	1,740
Teacher of agriculture	1	1,740	1	1,740		
Financial clerk	1	1,740	1	1,740	1	1,680
Clerk	1	1,680	1	1,680	1	1,680
Nurse	2	1,680	2	1,680	1	1,680

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), data of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Indian School, Haskell Institute, Lawrence, Kans.—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service—Continued.						
Salaries and wages—Continued.		*Average—*		*Average—*		*Average—*
Salary range, $1,320 to $1,680; average, $1,500—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Matron (head)	1	$1,680	1	$1,680	1	$1,590
Teacher, critic normal	1	1,620	1	1,620	1	1,620
Teacher (junior high)	6	1,620	6	1,620	5.9	1,620
Mason	1	1,620	1	1,620	1	1,620
Carpenter	1	1,620	1	1,620	1	1,620
Teacher of home economics	2	1,620	2	1,620	2	1,620
Music teacher	1	1,620	1	1,620	1	1,660
Assistant clerk	1	1,500	1	1,500	1	1,500
Librarian	1	1,500	1	1,500	0.3	1,500
Salary range, $1,140 to $1,500; average, $1,320—						
Sewing teacher	1	1,560	1	1,560	0.9	1,470
Bandleader	1	1,620	1	1,620		
Gardener	1	1,500	1	1,500	1	1,410
Dairyman	1	1,500	1	1,500	1	1,410
Disciplinarian	1	1,380	1	1,380		
Farmer	1	1,500	1	1,500	1	1,410
Poultryman	1	1,380	1	1,380	0.9	1,395
Teacher	1	1,380	1	1,380	0.6	1,380
Junior clerk	2	1,320	2	1,320	2	1,320
Assistant engineer	2	1,320	2	1,320	1.9	1,320
Carpenter	1	1,320	1	1,320	1	1,320
Painter	1	1,320	1	1,320	1	1,320
Salary range, $900 to $1,140; average, $1,020—						
Baker	1	1,260	1	1,260	1	1,200
Blacksmith	1	1,260	1	1,260	1	1,260
Shoe and harnessmaker	1	1,140	1	1,140	1	1,140
Cook	2	1,110	2	1,110	2	1,080
Laborer	3	1,120	3	1,120	4	1,110
Matron	5	1,056	5	1,056	5	1,056
Salary range, $780 to $1,020; average, $900—						
Assistant teacher	1	1,020	1	1,020	2	1,020
Seamstress	1	1,020	1	1,020	1	1,020
Laundress	1	1,080	1	1,080	1	990
Assistant seamstress	1	960	1	960	1	930
Salary range, $600 to $780; average, $690—						
Assistant	3	660	3	660	2.8	660
Ungraded—						
Physician	1	1,000	1	1,000	1	1,000
Total average number of employees	76		76		72.4	
Total salaries and wages, field service		116,040.00		116,040.00		107,720.37
Deduct allowance value of quarters, fuel, and light furnished		12,760.00		12,760.00		12,262.00
01 Total personal services		103,280.00		103,280.00		95,458.37
Supplies and materials:						
0210 Medical supplies		800.00		700.00		552.03
0220 Scientific and educational supplies		3,000.00		3,500.00		3,178.81
0230 Fuel		28,000.00		27,000.00		28,302.72
0240 Wearing apparel and sewing supplies		13,000.00		12,000.00		12,706.60
0250 Forage and other supplies for animals		2,000.00		2,500.00		2,170.55
0260 Provisions		32,600.00		28,000.00		27,358.91
0280 Sundry supplies		3,000.00		4,000.00		6,950.76
02 Total supplies and materials		82,400.00		77,700.00		81,220.38
Communication service:						
0500 Telegraph service		100.00		100.00		84.00
0510 Telephone service		500.00		500.00		464.15
05 Total communication service		600.00		600.00		549.05
06 Travel expense		2,000.00		1,000.00		599.61
07 Transportation of things		4,000.00		1,000.00		769.54
08 Printing, engraving, lithographing, photographing, and typewriting						30.00
10 Furnishing of heat, light, power, water, and electricity		12,000.00		12,000.00		11,665.92
11 Rents		100.00		100.00		80.00
Repairs and alterations:						
1200 Buildings		38,900.00		16,530.00		20,874.57
1290 Miscellaneous repairs and alterations		5,500.00		5,000.00		4,950.43
12 Total repairs and alterations		44,400.00		21,530.00		25,825.00
13 Special and miscellaneous expenses		520.00		935.00		79.52
Equipment:						
3010 Furniture, furnishings, and fixtures		6,000.00		2,000.00		7,143.88
3020 Educational, scientific, and recreational supplies		500.00		500.00		204.30
3040 Livestock		200.00		250.00		239.00
3050 Other equipment		1,500.00		750.00		531.69
30 Total equipment		8,200.00		3,500.00		8,118.87
32 Structures and parts, and nonstructural improvements to land				9,700.00		
		257,500.00		231,345.00		225,596.26
Less Indian moneys, proceeds of labor (school and tuition collected)		10,000.00		10,000.00		13,022.16
Total		247,500.00		221,345.00		212,574.10

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Indian School, Mount Pleasant, Mich.— Mount Pleasant, Michigan: For three hundred and seventy-five pupils, [$84,375;] *$90,000;* for pay of superintendent, drayage, and general repairs and improvements, [$12,000] *$12,500;* in all, [$96,375] *$102,500* [*Provided,* That the unexpended balance of $20,000 appropriated by act of May 10, 1926 (Forty-fourth Statutes at Large, page 469), is hereby reappropriated and shall be immediately available for construction of a girls' dormitory and for remodeling and repairing the present hospital] (*U. S. C., p. 690, sec. 13; act Jan. 12, 1927, vol. 44, p. 949*)	$102,500.00	

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
Salary range, $2,400 to $3,000; average, $2,700—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Superintendent	1	$2,700	1	$2,700	1	$2,700
Salary range, $2,100 to $2,700; average, $2,400—						
Physician	1	2,400	1	2,400		
Salary range, $1,860 to $2,400; average, $2,100—						
Physician					1	2,100
Salary range, $1,680 to $2,040; average, $1,860—						
Principal	1	1,860	1	1,860	0.3	1,860
Financial clerk	1	1,860	1	1,860	1	1,860
Salary range, $1,500 to $1,860; average, $1,680—						
Principal					0.7	1,680
Nurse	1	1,680	1	1,680	1	1,680
Salary range, $1,320 to $1,680; average, $1,500—						
Teacher (junior high)	2	1,620	2	1,620	1.8	1,620
Carpenter	1	1,620	1	1,620	0.7	1,620
Engineer	1	1,500	1	1,500	1	1,500
Salary range, $1,140 to $1,500; average, $1,320—						
Teacher	6	1,400	6	1,400	5.9	1,390
Music teacher	1	1,380	1	1,380	1	1,380
Disciplinarian	1	1,380	1	1,380	1	1,380
Teacher of home economics	1	1,380	1	1,380	1	1,380
Physical director	1	1,380	1	1,380	1	1,380
Carpenter					0.3	1,380
Farmer	1	1,380	1	1,380	1	1,380
Dairyman	1	1,380	1	1,380	1	1,380
Junior clerk	1	1,320	1	1,320	1	1,320
Matron (head)	1	1,320	1	1,320	0.8	1,320
Band leader	1	1,320	1	1,320	1	1,320
Assistant engineer	1	1,320	1	1,320	1	1,320
Salary range, $1,020 to $1,260; average, $1,140—						
Cook	1	1,140	1	1,140		
Salary range, $900 to $1,140; average, $1,020—						
Laborer	5	1,056	5	1,056	4.2	1,062
Matron	3	1,020	3	1,020	2.8	1,020
Baker	1	1,020	1	1,020	0.9	1,020
Cook					1	1,020
Salary range, $780 to $1,020; average, $900—						
Seamstress	1	1,020	1	1,020	1	1,020
Assistant teacher					0.2	1,020
Laundress	1	960	1	960	1	960
Cook	1	900	1	900	1	900
Assistant matron	1	900	1	900	1	900
Laborer	1	900	1	900	1	900
Salary range, $600 to $780; average, $690—						
Assistant	1	660	1	660	1.7	660
Total average number of employees	41		41		40.3	
Total salaries and wages, field service		54,660.00		54,660.00		52,795.00
Deduct allowance value of subsistence, quarters, fuel and light		7,100.00		7,100.00		6,935.00
Cash payment, salaries and wages		47,560.00		47,560.00		45,860.00
Miscellaneous and temporary labor, $8 to $1 per day		500.00		500.00		559.46
01 Total personal services		48,060.00		48,060.00		46,419.46
Supplies and materials:						
0210 Medical supplies		400.00		400.00		312.30
0220 Scientific and educational supplies		500.00		600.00		1,069.19
0230 Fuel		6,000.00		6,000.00		6,093.23
0240 Wearing apparel and sewing supplies		10,500.00		8,000.00		8,365.23
0250 Forage and other supplies for animals		1,500.00		1,500.00		1,606.82
0260 Provisions		15,000.00		10,500.00		9,492.04
0280 Sundry supplies		2,700.00		1,000.00		2,747.58
02 Total supplies and materials		36,600.00		28,000.00		29,686.39
Communication service:						
0500 Telegraph service						8.93
0510 Telephone service		225.00		225.00		214.07
0520 Other communication service		25.00		25.00		24.76
05 Total communication service		250.00		250.00		247.76
06 Travel expense		125.00		125.00		126.50
07 Transportation of things		1,500.00		1,500.00		1,669.93
10 Furnishing of heat, light, power, water, and electricity		2,500.00		2,500.00		2,510.75
11 Rents		200.00		200.00		106.60

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Indian School, Mount Pleasant, Mich.—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Repairs and alterations:			
1200	Buildings	$8,600.00	$7,740.00	$7,690.49
1290	Miscellaneous repairs and alterations	2,500.00	2,500.00	2,585.24
12	Total repairs and alterations	11,100.00	10,240.00	10,275.73
13	Special and miscellaneous expenses	180.00	205.00	133.85
22	Grants, subsidies, and contributions	100.00	100.00	86.32
	Equipment:			
3000	Passenger-carrying vehicles			434.00
3010	Furniture, furnishings, and fixtures	1,500.00	1,600.00	1,822.21
3020	Educational, scientific, and recreational supplies	300.00	300.00	168.57
3040	Livestock			411.50
3050	Other equipment	500.00	800.00	1,046.07
30	Total equipment	2,300.00	2,700.00	3,882.35
32	Structures and parts, and nonstructural improvements to land			20,912.46
		102,915.00	93,880.00	116,058.10
	Less Indian moneys, proceeds of labor	415.00	400.00	400.43
	Total	102,500.00	93,480.00	115,657.67

Indian School, Pipestone, Minn.—

Pipestone, Minnesota: For three hundred pupils, [$67,500] *$72,000*; for pay of superintendent, drayage, and general repairs and improvements, [$10,000] *$15,000*; in all [$77,500] (*U. S. C., p. 690, sec. 13; act Jan. 12, 1927, vol. 44, p. 949*) $87,000.00

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Field service:						
	Salaries and wages—	*Average—*		*Average—*		*Average—*	
	Salary range, $2,100 to $2,700; average, $2,400—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Superintendent	1	$2,700	1	$2,700	1	$2,700
	Salary range, $1,680 to $2,040; average, $1,860—						
	Principal	1	1,860	1	1,860	0.5	1,860
	Salary range, $1,500 to $1,860; average, $1,680—						
	Principal					0.5	1,680
	Nurse	1	1,680	1	1,680	1	1,680
	Clerk	1	1,680	1	1,680	1	1,680
	Salary range, $1,320 to $1,680; average, $1,500—						
	Teacher (junior high)	1	1,620	1	1,620	0.8	1,620
	Engineer	1	1,620	1	1,620	1	1,560
	Assistant clerk	1	1,500	1	1,500		
	Salary range, $1,140 to $1,500; average, $1,320—						
	Dairyman	1	1,500	1	1,500	1	1,440
	Teacher	5	1,380	5	1,380	5	1,380
	Teacher home economics	1	1,440	1	1,440	1	1,380
	Farmer	1	1,380	1	1,380	1	1,380
	Disciplinarian	1	1,380	1	1,380	1	1,380
	Carpenter	1	1,320	1	1,320	1	1,320
	Assistant engineer	1	1,320	1	1,320	1	1,320
	Junior clerk					1	1,320
	Salary range, $900 to $1,140; average, $1,020—						
	Matron	2	1,050	2	1,050	2	1,065
	Baker	1	1,020	1	1,020	1	1,020
	Laborer	1	1,080	1	1,080	1	1,080
	Salary range, $780 to $1,020; average, $900—						
	Seamstress	1	1,020	1	1,020	1	1,020
	Assistant matron	1	900	1	900	1	900
	Laundress	1	900	1	900	1	900
	Cook	1	900	1	900	1	900
	Ungraded—						
	Physician	1	720	1	720	1	720
	Total average number of employees	27		27		26.8	
	Total salaries and wages, field service		36,540.00		36,540.00		35,796.00
	Deduct allowance value of quarters, fuel, and light furnished		4,320.00		4,320.00		4,284.00
	Cash payment, salaries and wages		32,220.00		32,220.00		31,512.00
	Miscellaneous and temporary labor, $8 to $1 per day		2,000.00		2,000.00		2,203.64
01	Total personal services		34,220.00		34,220.00		33,715.64

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Indian School, Pipestone, Minn.—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Supplies and materials:			
0210	Medical supplies	$200.00	$200.00	$193.00
0220	Scientific and educational supplies	1,200.00	1,000.00	1,419.87
0230	Fuel	3,000.00	3,000.00	2,913.27
0240	Wearing apparel and sewing supplies	8,500.00	7,500.00	7,161.27
0250	Forage and other supplies for animals	2,800.00	3,000.00	2,938.19
0260	Provisions	16,500.00	13,000.00	10,148.41
0280	Sundry supplies	3,000.00	1,000.00	2,216.69
02	Total supplies and materials	35,200.00	28,700.00	26,990.70
	Communication service:			
0500	Telegraph service	25.00	25.00	5.74
0510	Telephone service	175.00	175.00	173.35
0520	Other communication service			4.00
05	Total communication service	200.00	200.00	183.09
06	Travel expense	50.00	50.00	22.38
07	Transportation of things	900.00	800.00	731.41
10	Furnishing of heat, light, power, water, and electricity	3,000.00	2,800.00	3,235.04
	Repairs and alterations:			
1200	Buildings	11,700.00	6,500.00	9,343.28
1290	Miscellaneous repairs and alterations	1,200.00	1,000.00	1,053.75
12	Total repairs and alterations	12,900.00	7,500.00	10,397.03
13	Special and miscellaneous expenses	230.00	105.00	123.85
22	Grants, subsidies, and contributions			70.00
	Equipment:			
3000	Passenger-carrying vehicles			275.00
3010	Furniture, furnishings, and fixtures	2,000.00	2,000.00	4,789.87
3020	Educational, scientific, and recreational supplies	300.00	200.00	342.25
3040	Livestock			75.00
3050	Other equipment	500.00	600.00	1,095.24
30	Total equipment	2,800.00	2,800.00	6,577.36
32	Structures and parts, and nonstructural improvements to land			11,523.24
		89,500.00	77,175.00	93,569.74
	Less Indian moneys, proceeds of labor	2,500.00	2,000.00	1,666.47
	Total	87,000.00	75,175.00	91,903.27

Indian School, Genoa, Nebr.—

Genoa, Nebraska: For five hundred *and twenty* pupils, [$112,500] *$119,600*; for pay of superintendent, drayage, and general repairs and improvements, [$19,000] *$15,000* [including $4,000 for extension of sewer system] *for addition to power house, and remodeling and improving the heating, lighting, and power plant, $50,000, to be immediately available*; in all, [*$131,500*] (*U. S. C., p. 690, sec. 13; act Jan. 12, 1927, vol. 44, p. 949*) $184,600.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $2,700 to $3,300; average, $3,000—						
Superintendent	1	$3,000	1	$3,000	1	$3,000
Salary range, $1,680 to $2,040; average, $1,860—						
Senior clerk	1	1,920	1	1,920	1	1,860
Principal	1	1,920	1	1,920	1	1,860
Salary range, $1,500 to $1,860; average, $1,680—						
Teacher (senior high)	1	1,740	1	1,740	0.8	1,740
Nurse	1	1,680	1	1,680	1	1,680
Engineer	1	1,680	1	1,680		
Salary range, $1,320 to $1,680; average, $1,500—						
Teacher home economics	1	1,620	1	1,620	1	1,620
Teacher (junior high)	2	1,620	2	1,620	1.8	1,620
Carpenter	1	1,620	1	1,620	0.9	1,620
Disciplinarian	1	1,500	1	1,500	1	1,500
Music teacher	1	1,500	1	1,500	0.8	1,500
Engineer					1	1,500

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Indian School, Genoa, Nebr.—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service—Continued.						
Salaries and wages—Continued.	*Average—*		*Average—*		*Average—*	
Salary range, $1,140 to $1,500; average, $1,320—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Junior clerk	2	$1,410	2	$1,410	1.9	$1,395
Matron (head)	1	1,440	1	1,440	1	1,380
Teacher	7	1,380	7	1,380	6.2	1,380
Farmer	1	1,380	1	1,380	1	1,380
Gardener	1	1,380	1	1,380	1	1,380
Dairyman	1	1,380	1	1,380	1	1,380
Stockman					1	1,344
Assistant engineer	2	1,320	2	1,320	2	1,320
Band leader	1	1,320	1	1,320	1	1,320
Stockman	1	1,320	1	1,320		
Salary range, $900 to $1,140; average, $1,020—						
Shoe and harness maker	1	1,260	1	1,260	1	1,200
Blacksmith	1	1,200	1	1,200	1	1,140
Laborer	1	1,080	1	1,080	1	1,080
Assistant disciplinarian	1	1,020	1	1,020	0.8	1,020
Matron	5	1,020	5	1,020	4.8	1,020
Cook	1	1,020	1	1,020	1	1,020
Baker	1	1,020	1	1,020	0.8	1,020
Salary range, $780 to $1,020; average, $900—						
Seamstress	1	1,020	1	1,020	1	1,020
Laundress	1	900	1	900	1	900
Ungraded—						
Physician	1	720	1	720	1	720
Total average number of employees	43		43		40.8	
Total salaries and wages, field service		59,100.00		59,100.00		55,625.00
Deduct allowance value of subsistence, quarters, fuel, and light furnished		6,720.00		6,720.00		6,556.00
Cash payment, salaries and wages		52,380.00		52,380.00		49,069.00
Miscellaneous and temporary labor, $8 to $1 per day		500.00		500.00		751.54
01 Total personal services		52,880.00		52,880.00		49,820.54
Supplies and materials:						
0210 Medical supplies		600.00		600.00		591.80
0220 Scientific and educational supplies		400.00		500.00		525.31
0230 Fuel		9,000.00		9,000.00		6,782.89
0240 Wearing apparel and sewing supplies		16,400.00		14,000.00		12,612.44
0250 Forage and other supplies for animals		3,500.00		3,500.00		4,112.55
0260 Provisions		30,000.00		23,000.00		20,075.49
0280 Sundry supplies		3,500.00		2,500.00		2,919.18
02 Total supplies and materials		63,400.00		53,100.00		47,619.66
Communication service:						
0500 Telegraph service		25.00		25.00		22.54
0510 Telephone service		300.00		300.00		292.10
0520 Other communication service		25.00		25.00		4.47
05 Total communication service		350.00		350.00		319.11
06 Travel expense		300.00		300.00		292.80
07 Transportation of things		3,000.00		2,300.00		2,179.44
09 Advertising and publication of notices						157.00
11 Rents		300.00		300.00		239.94
Repairs and alterations:						
1200 Buildings		10,000.00		9,550.00		11,072.04
1290 Miscellaneous repairs and alterations		3,000.00		3,000.00		2,968.00
12 Total repairs and alterations		13,000.00		12,550.00		14,040.04
13 Special and miscellaneous expenses		220.00		145.00		187.77
22 Grants, subsidies, and contributions		150.00		150.00		125.00
Equipment:						
3010 Furniture, furnishings, and fixtures		3,500.00		3,000.00		6,032.96
3020 Educational, scientific, and recreational supplies		500.00		600.00		389.50
3040 Livestock						35.00
3050 Other equipment		2,500.00		1,000.00		798.02
30 Total equipment		6,500.00		4,600.00		7,255.48
32 Structures and parts, and nonstructural improvements to land		49,000.00		3,880.00		1,813.18
		189,100.00		130,555.00		124,049.96
Less Indian moneys, proceeds of labor		4,500.00		3,000.00		4,842.13
Total		184,600.00		127,555.00		119,207.83

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Indian School, Carson City, Nev.— Carson City, Nevada: For four hundred and [seventy-five] *sixty* pupils, [$106,875] *$110,400*; for pay of superintendent, drayage, and general repairs and improvements, [$20,000] *$17,500* [including $5,000 for addition to boys' dormitory]; in all [$126,875] (*U. S. C., p. 690, sec. 13; act Jan. 12, 1927, vol. 44, p. 949*)	$127,900.00	

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $3,000 to $3,600; average, $3,300—						
Superintendent	1	$3,300	1	$3,300	1	$3,300
Salary range, $2,100 to $2,700; average, $2,400—						
Physician	0.3	2,400	0.3	2,400	0.3	2,400
Salary range, $1,860 to $2,400; average, $2,100—						
Assistant superintendent	1	2,300	1	2,300	1	2,300
Salary range, $1,680 to $2,040; average, $1,860—						
Principal	1	1,920	1	1,920	1	1,890
Senior clerk	1	1,860	1	1,860	1	1,860
Instructor in shop subjects	1	1,860	1	1,860	0.5	1,860
Salary range, $1,500 to $1,860; average, $1,680—						
Engineer	1	1,680	1	1,680		
Auditorium teacher	1	1,680	1	1,680	0.5	1,680
Nurse	1	1,680	1	1,680	1	1,680
Salary range, $1,320 to $1,680; average, $1,500—						
Teacher junior high	1	1,620	1	1,620	1	1,620
Engineer					1	1,620
Salary range, $1,140 to $1,500; average, $1,320—						
Farmer	1	1,440	1	1,440	1	1,440
Field outing matron	0.5	1,440	0.5	1,440	0.5	1,440
Teacher	8	1,395	8	1,395	7.3	1,388
Teacher home economics	1	1,380	1	1,380	1	1,380
Assistant nurse	1	1,380	1	1,380	1	1,380
Disciplinarian	1	1,380	1	1,380	1	1,380
Head matron	1	1,320	1	1,320	1	1,320
Junior clerk	1	1,320	1	1,320	1	1,320
Carpenter	1	1,320	1	1,320	1	1,320
Salary range, $1,020 to $1,260; average, $1,140—						
Cook	1	1,140	1	1,140		
Salary range, $900 to $1,140; average, $1,020—						
Blacksmith	1	1,140	1	1,140	1	1,200
Shoe and harness maker	1	1,140	1	1,140	1	1,140
Baker	1	1,020	1	1,020	1	1,020
Cook					1	1,020
Assistant disciplinarian	1	1,020	1	1,020	1	1,020
Matron	5	1,020	5	1,020	5	1,020
Laborer	5	880	6	800	4	945
Salary range, $780 to $1,020; average, $900—						
Assistant teacher					0.7	1,020
Seamstress	1	1,080	1	1,080	1	1,020
Assistant seamstress	1	960	1	960	1	900
Laundress	1	900	1	900	1	900
Total average number of employees	42.8		42.8		40.8	
Total salaries and wages, field service		57,980.00		57,980.00		54,966.00
Deduct allowance value of quarters, fuel, and light furnished		6,960.00		6,960.00		6,558.00
Cash payment, salaries and wages		51,020.00		51,020.00		48,408.00
Miscellaneous and temporary labor, $8 to $1 per day		250.00		250.00		192.57
01 Total personal services		51,270.00		51,270.00		48,600.57
Supplies and materials:						
0210 Medical supplies		500.00		400.00		462.68
0220 Scientific and educational supplies		1,800.00		1,500.00		1,561.96
0230 Fuel		6,500.00		6,500.00		5,117.21
0240 Wearing apparel and sewing supplies		16,500.00		14,500.00		12,044.61
0250 Forage and other supplies for animals		1,800.00		1,800.00		1,813.54
0260 Provisions		23,000.00		19,000.00		17,931.84
0280 Sundry supplies		1,700.00		2,000.00		1,761.83
02 Total supplies and materials		51,800.00		45,700.00		40,693.67
Communication service:						
0500 Telegraph service		50.00		50.00		26.69
0510 Telephone service		300.00		300.00		367.73
05 Total communication service		350.00		350.00		394.42
06 Travel expense		200.00		200.00		67.46
07 Transportation of things		300.00		300.00		284.97
08 Printing, engraving, lithographing, photographing, and typewriting						80.20
10 Furnishing of heat, light, power, water, and electricity		1,300.00		1,300.00		1,035.23
Rents:						
1100 Rent of buildings and structures		360.00		360.00		360.00
1110 Other rents		300.00		300.00		297.50
11 Total rents		660.00		660.00		657.50

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Indian School, Carson City, Nev.—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Repairs and alterations:			
1200	Buildings	$13,900.00	$10,950.00	$11,143.72
1290	Miscellaneous repairs and alterations	2,500.00	2,000.00	3,620.73
12	Total repairs and alterations	16,400.00	12,950.00	14,764.45
13	Special and miscellaneous expenses	220.00	90.00	324.40
22	Grants, subsidies, and contributions	100.00	100.00	72.00
	Equipment:			
3000	Passenger-carrying vehicles			236.61
3010	Furniture, furnishings, and fixtures	2,500.00	2,500.00	2,361.12
3020	Educational, scientific, and recreational supplies	500.00	800.00	592.28
3040	Livestock	300.00	200.00	254.40
3050	Other equipment	2,500.00	2,300.00	2,244.91
30	Total equipment	5,800.00	5,800.00	5,689.32
32	Structures and parts, and nonstructural improvements to land		4,850.00	7,086.31
		128,400.00	123,570.00	119,750.00
	Less expenditure under fire emergency provisions			2,000.00
	Less Indian moneys, proceeds of labor (school)	500.00	500.00	
	Total	127,900.00	123,070.00	117,750.00

Indian School, Albuquerque, N. Mex.—

Albuquerque, New Mexico: For eight hundred and [twenty-five] *fifty* pupils, [$185,625] *$195,500;* for pay of superintendent, drayage, and general repairs and improvements, $15,000; for [continuing] *completing* construction of central heating plant, [$15,000] *$20,000; for enlargement of sewing room and laundry, $4,000;* [for hospital and equipment, $65,000] *for purchase of approximately twenty acres of additional land, $22,000, to be immediately available;* in all, [$280,625] (*U. S. C., p. 690, sec. 13; act Jan. 12, 1927, vol. 44, p. 949*) $256,500.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $3,000 to $3,600; average, $3,300—						
Superintendent	1	$3,600	1	$3,600	1	$3,600
Salary range, $2,400 to $3,000; average, $2,700—						
Physician	0.5	2,700	0.5	2,700	0.1	2,700
Salary range, $2,100 to $2,700; average, $2,400—						
Physician					0.4	2,400
Salary range, $1,860 to $2,400; average, $2,100—						
Principal clerk	1	2,200	1	2,200	1	2,100
Principal	1	2,200	1	2,200	1	2,100
Salary range, $1,680 to $2,040; average, $1,860—						
Physical director	1	1,920	1	1,920	1	1,890
Engineer	1	1,860	1	1,860	0.1	1,860
Salary range, $1,500 to $1,860; average, $1,680—						
Disciplinarian	1	1,740	1	1,740	1	1,680
Teacher (senior high)	3	1,740	3	1,740	3	1,740
Teacher home economics (junior high)	1	1,740	1	1,740		
Principal home economics	1	1,740	1	1,740	1	1,740
Nurse	2	1,680	2	1,680	2	1,680
Teacher of agriculture	1	1,740	1	1,740	1	1,740
Salary range, $1,320 to $1,680; average, $1,500—						
Teacher junior high	3	1,620	3	1,620	2.8	1,620
Teacher home economics	1	1,620	1	1,620	0.6	1,620
Carpenter	1	1,620	1	1,620	1	1,620
Assistant clerk	1	1,500	1	1,500	1	1,500
Music teacher	1	1,500	1	1,500	1	1,500
Matron head	1	1,500	1	1,500	1	1,500
Engineer					0.9	1,500
Salary range, $1,140 to $1,500; average, $1,320—						
Teacher	9	1,400	9	1,400	10.2	1,398
Matron	1	1,380	1	1,380	0.8	1,380
Farmer	1	1,380	1	1,380	1	1,380
Carpenter	1	1,380	1	1,380	1	1,380
Gardener	1	1,380	1	1,380	1	1,380
Poultryman	1	1,380	1	1,380	1	1,380
Diaryman	1	1,380	1	1,380	0.2	1,380
Assistant disciplinarian	1	1,380	1	1,380	1	1,350
Junior clerk	2	1,320	2	1,320	2	1,320
Assistant engineer	1	1,320	1	1,320	0.8	1,320
Painter	1	1,380	1	1,380	1	1,320

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Indian School, Albuquerque, N. Mex.—Continued.

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Field service—Continued.						
	Salaries and wages—Continued.	*Average—*		*Average—*		*Average—*	
	Salary range, $900 to $1,140; average, $1,020—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Blacksmith	1	$1,260	1	$1,260	1	$1,230
	Laborer					0.8	1,200
	Shoe and harness maker	1	1,140	1	1,140	1	1,140
	Tailor	1	1,200	1	1,200	1	1,100
	Cook	1	1,080	1	1,080	1	1,050
	Laborer	2	1,080	2	1,080	2	1,050
	Baker	1	1,020	1	1,020	1	1,030
	Matron	2	1,020	2	1,020	2	1,020
	Salary range, $780 to $1,020; average, $900—						
	Seamstress	1	1,080	1	1,080	1	1,080
	Laundress	1	1,020	1	1,020	1	1,020
	Assistant matron	2	930	2	930	2	930
	Assistant seamstress	1	900	1	900	1	900
	Laborer	1	900	1	900		
	Salary range, $600 to $780; average, $690—						
	Assistant	2	660	2	660	2	660
	Total average number of employees	59.5		59.5		57.7	
	Total salaries and wages, field service		85,850.00		85,850.00		81,289.00
	Deduct allowance value of quarters, fuel, and light furnished		9,950.00		9,950.00		9,738.00
	Cash payment, salaries and wages		75,900.00		75,900.00		71,551.00
	Miscellaneous and temporary labor, $8 to $1 per day		2,000.00		2,000.00		3,078.89
01	Total personal services		77,900.00		77,900.00		74,629.89
	Supplies and materials:						
0210	Medical supplies		3,500.00		1,000.00		964.04
0220	Scientific and educational supplies		3,000.00		3,000.00		4,252.37
0230	Fuel		10,000.00		9,500.00		9,763.77
0240	Wearing apparel and sewing supplies		27,000.00		25,000.00		23,857.16
0250	Forage and other supplies for animals		6,000.00		5,500.00		7,228.33
0260	Provisions		40,000.00		35,000.00		32,164.28
0280	Sundry supplies		4,000.00		5,000.00		4,309.00
02	Total supplies and materials		93,500.00		84,000.00		82,538.95
	Communication service:						
0500	Telegraph service		50.00		50.00		31.79
0510	Telephone service		200.00		200.00		207.80
0520	Other communication service		50.00		50.00		9.25
05	Total communication service		300.00		300.00		248.84
06	Travel expense		100.00		100.00		62.47
07	Transportation of things		1,000.00		1,000.00		795.23
08	Printing, engraving, lithographing, photographing, and typewriting						226.50
10	Furnishing of heat, light, power, water, and electricity		4,500.00		4,300.00		4,168.18
11	Rents		400.00		400.00		370.25
	Repairs and alterations:						
1200	Buildings		16,600.00		10,150.00		19,408.37
1290	Miscellaneous repairs and alterations		6,000.00		6,500.00		6,306.18
12	Total repairs and alterations		22,600.00		16,650.00		25,714.55
13	Special and miscellaneous expenses		700.00		405.00		163.08
	Equipment:						
3010	Furniture, furnishings, and fixtures		8,500.00		6,500.00		5,543.22
3020	Educational, scientific, and recreational supplies		1,000.00		800.00		650.92
3040	Livestock		300.00		250.00		140.00
3050	Other equipment		4,700.00		2,000.00		1,771.74
30	Total equipment		14,500.00		9,550.00		8,105.88
31	Land and interest in land		22,000.00				
32	Structures and parts, and nonstructural improvements to land		20,000.00		77,600.00		7,547.63
			257,500.00		272,205.00		204,571.45
	Less Indian moneys, proceeds of labor (school)		1,000.00				
	Total		256,500.00		272,205.00		204,571.45

Indian School, Santa Fe, N. Mex.—

Santa Fe, New Mexico: For four hundred and [fifty] *sixty* pupils, [$101,250] *$110,400*; for pay of superintendent, drayage, and general repairs and improvements, [$13,000] *$15,000*; for water supply, $3,000; *for new boiler house and power plant, $24,000; for new hospital and equipment, $50,000; for new boys' dormitory and equipment, $80,000, to be immediately available;* in all, [$117,250] (*U. S. C., p. 690, sec. 13; act Jan. 12, 1927, vol. 44, p. 949*) $282,400.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Indian School, Santa Fe, N. Mex.—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
Salary range, $2,700 to $3,300; average, $3,000—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Superintendent	1	$3,000	1	$3,000	1	$3,000
Salary range, $1,680 to $2,040; average, $1,860—						
Senior clerk	1	1,860	1	1,860	1	1,860
Principal					1	1,860
Salary range, $1,500 to $1,860; average, $1,680—						
Principal teacher	1	1,680	1	1,680		
Nurse	1	1,680	1	1,680	1	1,680
Engineer	1	1,680	1	1,680		
Salary range, $1,320 to $1,680; average, $1,500—						
Teacher (junior high)	1	1,620	1	1,620	1	1,620
Teacher home economics (junior high)	1	1,620	1	1,620	1	1,620
Carpenter	1	1,620	1	1,620	1	1,620
Mason	1	1,620	1	1,620	0.3	1,620
Assistant clerk	1	1,560	1	1,560	1	1,500
Librarian	1	1,500	1	1,500		
Engineer					1	1,500
Salary range, $1,140 to $1,500; average, $1,320—						
Disciplinarian	1	1,380	1	1,380	1	1,380
Teacher	7	1,380	7	1,380	7	1,380
Industrial teacher	1	1,380	1	1,380	1	1,380
Matron (head)	1	1,380	1	1,380	1	1,380
Financial clerk	1	1,380	1	1,380	1	1,320
Painter	1	1,320	1	1,320		
Assistant engineer	1	1,320	1	1,320	1	1,320
Salary range, $900 to $1,140; average, $1,020—						
Painter					0.9	1,140
Blacksmith	1	1,140	1	1,140	1	1,140
Shoe and harness maker	1	1,140	1	1,140	1	1,020
Matron	3	1,020	3	1,020	2.9	1,020
Assistant disciplinarian	1	1,020	1	1,020	0.8	1,020
Baker	1	1,020	1	1,020	1	1,020
Cook	1	1,020	1	1,020	1	1,020
Tailor	1	1,020	1	1,020	1	1,020
Laborer	4	1,020	4	1,020	3	1,020
Salary range, $780 to $1,020; average, $900—						
Seamstress	1	1,140	1	1,140	1	1,140
Laundress	1	900	1	900	1	960
Assistant matron	1	900	1	900	0.8	900
Laborer					1	900
Salary range, $600 to $780; average, $690—						
Assistant	3	660	3	660	2.6	660
Ungraded—						
Physician	1	720	1	720	1	720
Total average number of employees	44		44		41.3	
Total salaries and wages, field service		56,400.00		56,400.00		52,521.87
Deduct allowance value of quarters, fuel, and light furnished		6,540.00		6,540.00		6,168.00
01 Total personal services		49,860.00		49,860.00		46,353.87
Supplies and materials:						
0210 Medical supplies		500.00		500.00		503.91
0220 Scientific and educational supplies		500.00		1,000.00		647.98
0230 Fuel		6,000.00		6,000.00		4,082.60
0240 Wearing apparel and sewing supplies		19,500.00		15,000.00		15,179.45
0250 Forage and other supplies for animals		2,500.00		3,000.00		2,238.50
0260 Provisions		22,500.00		14,000.00		12,660.11
0280 Sundry supplies		2,600.00		2,500.00		2,524.72
02 Total supplies and materials		54,100.00		42,000.00		38,677.27
Communication service:						
0500 Telegraph service		10.00		10.00		5.33
0510 Telephone service		175.00		175.00		187.18
0520 Other communication service		15.00		15.00		8.00
05 Total communication service		200.00		200.00		200.51
06 Travel expenses		100.00		100.00		8.84
07 Transportation of things		5,000.00		1,000.00		1,337.85
08 Printing, engraving, lithographing, photographing, and typewriting						9.50
10 Furnishing of heat, light, power, water, and electricity		5,500.00		5,500.00		5,248.30
11 Rents		250.00		250.00		235.43
Repairs and alterations:						
1200 Buildings		10,800.00		8,910.00		9,100.15
1290 Miscellaneous repairs and alterations		2,200.00		2,100.00		1,922.82
12 Total repairs and alterations		13,000.00		11,010.00		11,022.97
13 Special and miscellaneous expenses		305.00		225.00		
22 Grants, subsidies, and contributions		150.00		150.00		75.00
Equipment:						
3010 Furniture, furnishings, and fixtures		6,000.00		2,000.00		4,050.02
3050 Other equipment		5,800.00		1,500.00		2,328.51
30 Total equipment		11,800.00		3,500.00		6,378.53
32 Structures and parts, and nonstructural improvements to land		142,500.00				
		282,765.00		113,795.00		109,548.07
Less Indian moneys, proceeds of labor		365.00		150.00		183.47
Total		282,400.00		113,645.00		109,364.60

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Charles H. Burke School, Fort Wingate, N. Mex.— Charles H. Burke School, Fort Wingate, New Mexico: For [five] *seven* hundred pupils, [$112,500] *$161,000*; for pay of superintendent, drayage, and general repairs and improvements, $20,000; in all, [$132,500] *(U. S. C., p. 690, sec, 13; act Jan. 12, 1927, vol. 44, p. 949)*	$181,000.00	

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $3,000 to $3,600; average, $3,300—						
Superintendent	1	$3,300	1	$3,300	1	$3,300
Salary range, $1,860 to $2,400; average, $2,100—						
Principal clerk	1	2,200	1	2,200	1	2,100
Salary range, $1,680 to $2,040; average, $1,860—						
Principal	1	1,860	1	1,860		
Salary range, $1,500 to $1,860; average, $1,680—						
Nurse	1	1,680	1	1,680	0.8	1,680
Salary range, $1,320 to $1,680; average, $1,500—						
Assistant clerk	1	1,500	1	1,500	1	1,500
Teacher	1	1,620	1	1,620	0.9	1,500
Engineer	1	1,500	1	1,500	1	1,500
Salary range, $1,140 to $1,500; average, $1,320—						
Disciplinarian	1	1,380	1	1,380	0.9	1,380
Teacher	7	1,397	7	1,397	3.5	1,380
Farmer	1	1,380	1	1,380	0.1	1,380
General mechanic	1	1,380	1	1,380	0.8	1,380
Carpenter	1	1,320	1	1,320	1	1,320
Matron (head)	1	1,320	1	1,320	0.9	1,320
Financial clerk	1	1,320	1	1,320	0.7	1,320
Salary range, $900 to $1,140; average, $1,020—						
Matron	1	1,020	1	1,020	0.5	1,020
Seamstress	1	1,020	1	1,020	1	1,020
Assistant disciplinarian	1	1,020	1	1,020		
Cook	1	1,020	1	1,020	0.8	1,020
Laborer	2	1,020	2	1,020	2	1,020
Salary range, $780 to $1,020; average, $900—						
Laundress	1	960	1	960	0.8	900
Laborer	1	900	1	900	0.8	900
Salary range, $600 to $780; average, $690—						
Assistant	5	660	5	660	2.8	660
Total average number of employees	33		33		22.3	
Total salaries and wages, field service		42,819.00		42,819.00		29,514.00
Deduct allowance value of quarters, subsistence, fuel, and light furnished		5,380.00		5,380.00		3,724.00
Cash payment, salaries and wages		37,439.00		37,439.00		25,790.00
Miscellaneous and temporary labor, $8 to $1 per day		1,000.00		1,000.00		781.21
01 Total personal services		38,439.00		38,439.00		26,571.21
Supplies and materials:						
0210 Medical supplies		1,000.00		500.00		410.89
0220 Scientific and educational supplies		2,000.00		1,000.00		1,030.12
0230 Fuel		8,000.00		6,000.00		5,617.80
0240 Wearing apparel and sewing supplies		31,000.00		15,000.00		3,972.51
0250 Forage and other supplies for animals		2,000.00		2,000.00		373.44
0260 Provisions		43,000.00		25,000.00		10,762.43
0280 Sundry supplies		6,200.00		2,000.00		765.34
20 Total supplies and materials		93,200.00		51,500.00		22,932.53
Communication service:						
0500 Telegraph service		75.00		75.00		64.81
0510 Telephone service		200.00		175.00		161.55
05 Total communication service		275.00		250.00		226.36
06 Travel expense		200.00		200.00		88.86
07 Transportation of things		3,500.00		3,000.00		888.82
08 Printing, engraving, lithographing, photographing, and typewriting						35.00
Repairs and alterations:						
1200 Buildings		13,000.00		13,400.00		17,341.26
1290 Miscellaneous repairs and alterations		2,000.00		1,500.00		1,518.62
12 Total repairs and alterations		15,000.00		14,900.00		18,859.88
13 Special and miscellaneous expenses		286.00		236.00		99.50
22 Grants, subsidies, and contributions		300.00		200.00		50.00
Equipment:						
3000 Passenger-carrying vehicles				1,000.00		
3010 Furniture, furnishings, and fixtures		10,000.00		8,000.00		15,931.42
3020 Educational, scientific, and recreational supplies		5,000.00		3,000.00		433.88
3040 Livestock		500.00		1,000.00		686.50
3050 Other equipment		14,500.00		7,000.00		30,843.61
30 Total equipment		30,000.00		20,000.00		47,895.41
32 Structures and parts, and nonstructural improvements to land						267,882.50
		181,200.00		128,725.00		385,530.07
Less Indian moneys, proceeds of labor		200.00		200.00		71.45
		181,000.00		128,525.00		385,458.62
Expended from deficiency appropriation						313,819.79
Total		181,000.000		128,525.00		71,638.83

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Indian School, Cherokee, N. C.—		
Cherokee, North Carolina: For three hundred and [twenty-five] *fifty* pupils, [$73,125] *$84,000*; for pay of superintendent, drayage, and general repairs and improvements, [$7,000] *$10,000* [for new school building, $30,000; for girls' dormitory, $20,000; for enlarging dining room, $6,000; for converting old school building into boys' dormitory, $6,000]; in all, [$142,125] *$94,000: Provided, That not to exceed $3,976 of the appropriation of $10,000 for the purchase of additional land for school and other purposes, contained in the Interior Department Appropriation Act approved March 3, 1925, is hereby made available until June 30, 1929, for compensating the Indian occupants of approximately fifty-nine acres of land reserved for school purposes on the Cherokee Indian Reservation, North Carolina, for their improvements and possessory rights (U. S. C., p. 690, sec. 13; act Jan. 12, 1927, vol. 44, p. 949)*	$94,000.00	

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
Salary range, $2,700 to $3,300; average, $3,000—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Superintendent	1	$3,000	1	$3,000	1	$3,000
Salary range, $2,400 to $3,000; average, $2,700—						
Physician	1	2,700	1	2,700	0.3	2,700
Salary range, $2,100 to $2,700; average, $2,400—						
Physician					0.7	2,400
Salary range, $1,680 to $2,040; average, $1,860—						
Principal	1	1,860	1	1,860	1	1,860
Salary range, $1,500 to $1,860; average, $1,680—						
Clerk	1	1,800	1	1,800	1	1,740
Nurse	1	1,680	1	1,680	1	1,680
Salary range, $1,320 to $1,680; average, $1,500—						
Teacher (junior high)	1	1,620	1	1,620		
Engineer	1	1,500	1	1,500	1	1,500
Salary range, $1,140 to $1,500; average, $1,320—						
Teacher	8	1,380	8	1,380	8	1,380
Teacher, home economics	1	1,380	1	1,380	1	1,380
Carpenter	1	1,380	1	1,380	1	1,380
General mechanic	1	1,380	1	1,380	1	1,380
Farmer	1	1,380	1	1,380	1	1,380
Matron	1	1,320	1	1,320	1	1,320
Salary range, $1,020 to $1,260; average, $1,140—						
Cook	1	1,140	1	1,140	0.3	1,140
Salary range, $900 to $1,140; average, $1,020—						
Shoe and harness maker	1	1,140	1	1,140	1	1,140
Cook					0.7	1,020
Matron	1	1,020	1	1,020	1	1,020
Baker	1	1,020	1	1,020	1	1,020
Disciplinarian	1	1,020	1	1,020	1	1,020
Laborer	1	1,020	1	1,020	1	1,020
Salary range, $780 to $1,020; average, $900—						
Seamstress	1	1,020	1	1,020	1	1,020
Assistant matron	1	900	1	900	0.7	900
Laundress	1	900	1	900	1	900
Salary range, $600 to $780; average, $690—						
Assistants	4	660	4	660	4	660
Total average number of employees	33		33		31.7	
Total salaries and wages, field service		43,860.00		43,860.00		41,616.00
Deduct allowance value of quarters, fuel, and light furnished		5,220.00		5,220.00		4,962.00
Cash payment, salaries and wages		38,640.00		38,640.00		36,654.00
Miscellaneous and temporary labor, $8 to $1 per day						899.19
01 Total personal services		38,640.00		38,640.00		37,553.19
Supplies and materials:						
0210 Medical supplies		350.00		400.00		349.66
0220 Scientific and educational supplies		1,000.00		1,000.00		939.88
0230 Fuel		2,000.00		2,000.00		2,028.20
0240 Wearing apparel and sewing supplies		14,000.00		9,000.00		7,240.73
0250 Forage and other supplies for animals		2,000.00		2,000.00		1,637.24
0260 Provisions		16,000.00		11,000.00		10,266.73
0280 Sundry supplies		2,700.00		1,000.00		1,266.73
02 Total supplies and materials		38,050.00		26,400.00		23,729.17
07 Transportation of things		500.00		200.00		441.84
Repairs and alterations:						
1200 Buildings		3,800.00		3,890.00		6,867.64
1290 Miscellaneous repairs and alterations		2,000.00		2,000.00		1,697.11
12 Total repairs and alterations		5,800.00		5,890.00		8,564.75
13 Special and miscellaneous expenses		410.00		295.00		176.75
22 Grants, subsidies, and contributions		100.00		100.00		96.50
Equipment:						
3000 Passenger-carrying vehicles						84.15
3010 Furniture, furnishings, and fixtures		4,500.00		4,000.00		3,746.84
3020 Educational, scientific, and recreational supplies		1,000.00		1,200.00		1,140.29
3050 Other equipment		2,000.00		1,000.00		689.19
30 Total equipment		7,500.00		6,200.00		5,660.47
32 Structures and parts, and nonstructural improvements to land		3,000.00		60,140.00		807.50
Total		94,000.00		137,865.00		77,030.17

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Indian School, Bismarck, N. Dak.—		
Bismarck, North Dakota: For one hundred and twenty-five pupils, [$31,250] *$32,500*; for pay of superintendent, drayage, and general repairs and improvements, $7,000; in all, [$38,250] (*U. S. C., p. 690, sec. 13; act Jan 12, 1927, vol. 44, p. 949*)	$39,500.00	

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Field service:						
	Salaries and wages—	*Average—*		*Average—*		*Average—*	
	Salary range, $2,100 to $2,700; average, $2,400—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Superintendent	1	$2,400	1	$2,400	1	$2,400
	Salary range, $1,320 to $1,680; average, $1,500—						
	Financial clerk	1	1,680	1	1,680	1	1,620
	Engineer	1	1,500	1	1,500	0.5	1,500
	Salary range, $1,140 to $1,500; average, $1,320—						
	Teacher	3	1,380	3	1,380	3	1,380
	Teacher home economics	1	1,380	1	1,380	0.7	1,380
	Salary range, $1,020 to $1,260; average, $1,140—						
	Matron	1	1,140	1	1,140		
	Salary range, $900 to $1,140; average, $1,020—						
	Matron					1	1,080
	Laborer	2	1,080	2	1,080	1.9	1,080
	Salary range, $780 to $1,020; average, $900—						
	Seamstress	1	1,020	1	1,020	1	1,020
	Laundress	1	900	1	900	1	900
	Cook	1	900	1	900	1	900
	Assistant matron	1	900	1	900	0.8	900
	Ungraded—						
	Physician	1	600	1	600	1	600
	Total average number of employees	15		15		13.9	
	Total salaries and wages, field service		18,720.00		18,720.00		17,148.00
	Deduct allowance value of quarters, fuel, and light furnished		2,280.00		2,280.00		2,040.00
	Cash payment, salaries and wages		16,440.00		16,440.00		15,108.00
	Miscellaneous and temporary labor, $8 to $1 per day		500.00		500.00		806.09
01	Total personal services		16,940.00		16,940.00		15,914.09
	Supplies and materials:						
0210	Medical supplies		400.00		400.00		159.38
0220	Scientific and educational supplies		300.00		250.00		213.92
0230	Fuel		1,600.00		1,500.00		1,438.31
0240	Wearing apparel and sewing supplies		2,300.00		2,000.00		1,902.39
0250	Forage and other supplies for animals		1,500.00		1,000.00		1,874.03
0260	Provisions		6,500.00		5,000.00		3,883.13
0280	Sundry supplies		1,000.00		800.00		625.63
02	Total supplies and materials		13,600.00		10,950.00		10,096.79
	Communication service:						
0510	Telephone service		125.00		125.00		119.05
0520	Other communication service		25.00		25.00		8.30
05	Total communication service		150.00		150.00		127.35
06	Travel expenses		200.00		200.00		203.86
07	Transportation of things		300.00		300.00		130.21
08	Printing, engraving, lithographing, photographing, and typewriting						2.00
10	Furnishing of heat, light, power, water, and electricity		1,600.00		1,600.00		1,638.98
11	Rents		240.00		240.00		217.67
	Repairs and alterations:						
1200	Buildings		4,600.00		4,390.00		4,864.40
1290	Miscellaneous repairs and alterations		1,000.00		900.00		848.73
12	Total repairs and alterations		5,600.00		5,290.00		5,713.13
13	Special and miscellaneous expenses		270.00		285.00		298.79
	Equipment:						
3010	Furniture, furnishings, and fixtures		800.00		1,000.00		716.32
3020	Educational, scientific, and recreational supplies		100.00		150.00		
3040	Livestock						564.04
3050	Other equipment		200.00		500.00		2.25
30	Total equipment		1,100.00		1,650.00		1,282.61
			40,000.00		37,605.00		35,625.48
	Less Indian moneys, proceeds of labor		500.00		500.00		719.44
	Total		39,500.00		37,105.00		34,906.04

Indian School, Fort Totten, N. Dak.—		
Fort Totten, North Dakota: For [three] *two* hundred and [twenty-five] *fifty* pupils, [$73,125] *$60,000*; for pay of superintendent, drayage, and general repairs and improvements, [$15,000] *$13,000; for hog house, $3,500*; in all, [$88,125] (*U. S. C., p. 690, sec. 13; act Jan. 12, 1927, vol. 44, p. 949*)	76,500.00	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Indian School, Fort Totten, N. Dak.—Continued.

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
		Average—		*Average—*		*Average—*	
		No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Field service:						
	Salaries and wages—						
	Salary range, $2,400 to $3,000; average, $2,700—						
	Superintendent	1	$2,700	1	$2,700	1	$2,700
	Salary range, $2,100 to $2,700; average, $2,400—						
	Physician	0.5	2,400	0.5	2,400	0.5	2,400
	Salary range, $1,860 to $2,400; average, $2,100—						
	Principal	1	2,100	1	2,100	1	2,100
	Salary range, $1,500 to $1,860; average, $1,680—						
	Nurse	1	1,680	1	1,680	1	1,680
	Salary range, $1,320 to $1,680; average, $1,500—						
	Assistant clerk	1.5	1,500	1.5	1,500	1.5	1,500
	Engineer	1	1,500	1	1,500	1	1,500
	Salary range, $1,140 to $1,500; average, $1,320—						
	Farmer	1	1,440	1	1,440	1	1,380
	Teacher	5	1,380	5	1,380	7.5	1,380
	Dairyman	1	1,380	1	1,380	1	1,380
	Teacher of home economics	1	1,380	1	1,380	1	1,380
	Disciplinarian	1	1,380	1	1,380	1	1,380
	Matron (head)	1	1,380	1	1,380	1	1,320
	Junior clerk	1	1,320	1	1,320	1	1,320
	Band leader	1	1,320	1	1,320	1	1,320
	Carpenter	1	1,320	1	1,320	1	1,320
	Assistant engineer					0.8	1,320
	Salary range, $1,020 to $1,260; average, $1,140—						
	Cook	1	1,140	1	1,140	0.3	1,140
	Salary range, $900 to $1,140; average, $1,020—						
	Laborer	2	1,050	2	1,050	2	1,050
	Matron	1	1,020	1	1,020	2	1,020
	Baker	1	1,020	1	1,020	1	1,020
	Cook					0.7	1,020
	Laborer					0.8	1,020
	Salary range, $780 to $1,020; average, $900—						
	Assistant teacher	1	1,020	1	1,020	1	1,020
	Seamstress	1	1,020	1	1,020	2	1,020
	Assistant matron	1	900	1	900	1.5	900
	Laundress	1	900	1	900	1.5	900
	Laborer	3	900	3	900	2.8	900
	Cook					0.5	900
	Salary range, $600 to $780; average, $690—						
	Assistant	2	660	2	660	2	660
	Total average number of employees	33		33		40.4	
	Total salaries and wages, field service		42,390.00		42,390.00		50,718.00
	Deduct allowance value of quarters, fuel and light furnished		5,280.00		5,280.00		6,194.00
01	Total personal services		37,110.00		37,110.00		44,535.74
	Supplies and materials:						
0210	Medical supplies		400.00		400.00		414.20
0220	Scientific and educational supplies		300.00		300.00		292.84
0230	Fuel		3,800.00		3,800.00		4,942.02
0240	Wearing apparel and sewing supplies		5,000.00		5,000.00		5,197.76
0250	Forage and other supplies for animals		1,400.00		1,000.00		1,580.82
0260	Provisions		9,000.00		9,000.00		8,011.21
0280	Sundry supplies		1,625.00		2,000.00		2,131.14
02	Total supplies and materials		21,525.00		21,500.00		22,569.99
	Communication service:						
0500	Telegraph service		25.00		25.00		9.12
0510	Telephone service		75.00		75.00		63.50
05	Total communication service		100.00		100.00		72.62
06	Travel expense		50.00		50.00		26.10
07	Transportation of things		5,000.00		5,000.00		4,476.08
08	Printing, engraving, lithographing, photographing, and typewriting						20.00
11	Rents		300.00		300.00		253.77
	Repairs and alterations:						
1200	Buildings		9,100.00		7,150.00		5,143.45
1290	Miscellaneous repairs and alterations		2,500.00		1,500.00		2,163.38
12	Total repairs and alterations		11,600.00		8,650.00		7,306.83
13	Special and miscellaneous expenses		465.00		540.00		
	Equipment:						
3000	Passenger-carrying vehicles						549.00
3010	Furniture, furnishings, and fixtures		700.00		800.00		689.78
3020	Educational, scientific, and recreational supplies		300.00		200.00		205.86
3040	Livestock		200.00		300.00		330.00
3050	Other equipment		1,200.00		1,000.00		767.90
30	Total equipment		2,400.00		2,300.00		2,542.54
32	Structures and parts, and nonstructural improvements to land						403.91
	Reserve				8,000.00		
			78,550.00		83,550.00		82,207.58
	Less Indian moneys, proceeds of labor (school)		2,050.00		2,000.00		2,136.40
	Total		76,500.00		81,550.00		80,071.18

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Indian School, Wahpeton, N. Dak.— Wahpeton, North Dakota: For [two] *three* hundred and twenty-five pupils, [$50,625] *$78,000;* for pay of superintendent, drayage, and general repairs and improvements, [$10,000] *$8,000; for additions to class rooms, dormitories and dining room, construction of two employees' cottages and remodeling old school building into employees' dining room and kitchen, $75,000 to be immediately available;* in all, [$60,625] (*U. S. C., p. 690, sec. 13; act Jan. 12, 1927, vol. 44, p. 949*)	$161,000.00	

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Field service:						
	Salaries and wages—	*Average—*		*Average—*		*Average—*	
	Salary range, $2,100 to $2,700; average, $2,400—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Superintendent	1	$2,400	1	$2,400	1	$2,400
	Salary range, $1,680 to $2,040; average, $1,860—						
	Clerk	1	1,860	1	1,860		
	Salary range, $1,500 to $1,860; average, $1,680—						
	Principal	1	1,740	1	1,740	1	1,740
	Clerk					1	1,740
	Nurse	1	1,680	1	1,680	1	1,680
	Salary range, $1,320 to $1,680; average, $1,500—						
	Teacher (junior high)	2	1,620	2	1,620	0.8	1,620
	Teacher junior high (home economics)	1	1,620	1	1,620	0.8	1,620
	Engineer	1	1,500	1	1,500	1	1,500
	Salary range, $1,140 to $1,500; average, $1,320—						
	General mechanic	1	1,620	1	1,620	1	1,620
	Dairyman	1	1,380	1	1,380	1	1,393
	Farmer	1	1,440	1	1,440	1	1,380
	Teacher	4	1,410	4	1,410	5	1,380
	Teacher home economics					0.2	1,380
	Disciplinarian	1	1,380	1	1,380	1	1,380
	Salary range, $900 to $1,140; average, $1,020—						
	Matron	2	1,050	2	1,050	2	1,050
	Cook	1	1,020	1	1,020	0.9	1,020
	Salary range, $780 to $1,020; average, $900—						
	Seamstress	1	1,020	1	1,020	0.9	1,020
	Laundress	1	960	1	960	1	960
	Assistant matron	1	900	1	900	1	900
	Laborer	1	900	1	900	0.9	900
	Salary range, $600 to $780; average, $690—						
	Assistant	1	660	1	660	1	660
	Ungraded—						
	Physician	0.5	800	0.5	800	0.5	540
	Total average number of employees	24.5		24.5		24	
	Total salaries and wages, field service		33,860.00		33,860.00		32,418.00
	Deduct allowance value of quarters, fuel, and light furnished		4,020.00		4,020.00		3,938.00
	Cash payment, salaries and wages		29,840.00		29,840.00		28,480.00
	Miscellaneous and temporary labor $8 to $1 per day		200.00		200.00		180.05
01	Total personal services		30,040.00		30,040.00		28,660.05
	Supplies and materials:						
0210	Medical supplies		300.00		300.00		180.06
0220	Scientific and educational supplies		2,500.00		800.00		727.32
0230	Fuel		3,500.00		3,500.00		3,287.03
0240	Wearing apparel and sewing supplies		9,875.00		4,000.00		3,838.90
0250	Forage and other supplies for animals		1,500.00		1,000.00		1,307.78
0260	Provisions		17,000.00		8,000.00		7,755.14
0280	Sundry supplies		3,500.00		500.00		1,293.74
02	Total supplies and materials		38,175.00		18,100.00		18,389.97
	Communication service:						
0500	Telegraph service		25.00		25.00		10.24
0510	Telephone service		125.00		125.00		119.70
0520	Other communication service						3.00
05	Total communication service		150.00		150.00		132.94
06	Travel expense		50.00		50.00		23.52
07	Transportation of things		3,300.00		800.00		79.10
10	Furnishing of heat, light, power, water, and electricity		2,500.00		2,000.00		2,045.20
11	Rents		500.00		500.00		482.30
	Repairs and alterations:						
1200	Buildings		7,100.00		6,800.00		6,599.43
1290	Miscellaneous repairs and alterations		1,000.00		1,200.00		1,379.62
12	Total repairs and alterations		8,100.00		8,000.00		7,979.05
13	Special and miscellaneous expenses		185.00		135.00		170.45
	Equipment:						
3010	Furniture, furnishings, and fixtures		2,000.00		500.00		524.23
3020	Educational, scientific, and recreational supplies		1,400.00		200.00		184.19
3040	Livestock		200.00		150.00		128.20
3050	Other equipment		2,500.00		200.00		198.68
30	Total equipment		6,100.00		1,050.00		1,035.30
32	Structures and parts and nonstructural improvements to land		72,500.00				
			161,600.00		60,825.00		59,003.88
	Less Indian moneys, proceeds of labor		600.00		500.00		967.75
	Total		161,000.00		60,325.00		58,036.13

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Indian School, Chilocco, Okla.— Chilocco, Oklahoma: For eight hundred pupils, including not to exceed $2,000 for printing and issuing school paper, [$160,000] *$184,000*; for pay of superintendent, drayage, and general repairs and improvements, $15,000; *for repairs and improvements to power house and lighting system, $20,000; for reconstruction and equipment of gymnasium and shop building, $40,000*; in all, [$175,000] (*U. S. C., p. 690, sec. 13; act Jan. 12, 1927, vol. 44, p. 949*)	$259,000.00	

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $3,000 to $3,600; average, $3,300—						
Superintendent	1	$3,600	1	$3,600	1	$3,600
Salary range, $2,100 to $2,700; average, $2,400—						
Physician	1	2,400	1	2,400	1	2,400
Salary range, $1,860 to $2,400; average, $2,100—						
Principal clerk	1	2,300	1	2,300	1	2,200
Director of agriculture	1	2,100	1	2,100	1	2,100
Principal	1	2,200	1	2,200	1	2,100
Salary range, $1,680 to $2,040; average, $1,860—						
Disciplinarian	1	1,860	1	1,860	1	1,860
Engineer	1	1,860	1	1,860	1	1,860
Salary range, $1,500 to $1,860; average, $1,680—						
Principal home economics	1	1,860	1	1,860	1	1,860
Teacher senior high	3	1,740	3	1,740	2	1,740
Teacher home economics (senior high)	1	1,740	1	1,740	0.6	1,740
Teacher of agriculture	2	1,740	2	1,740	1	1,740
Nurse	1	1,680	1	1,680	1	1,680
Printer	1	1,680	1	1,680	1	1,680
General mechanic	1	1,740	1	1,740	1	1,680
Disciplinarian	1	1,680	1	1,680	1	1,680
Salary range, $1,320 to $1,680; average, $1,500—						
Music teacher	1	1,620	1	1,620	1	1,620
Teacher junior high	5	1,632	5	1,632	5.8	1,620
Teacher home economics, junior high	2	1,620	2	1,620	1.4	1,620
Teacher home economics	1	1,620	1	1,620		
Mason	1	1,620	1	1,620	1	1,620
Matron head	1	1,560	1	1,560	1	1,560
Assistant clerk	2	1,500	2	1,500	2	1,500
Librarian	1	1,500	1	1,500	1	1,500
Salary range, $1,140 to $1,500; average, $1,320—						
Nurseryman	1	1,440	1	1,440	1	1,440
Stockman	1	1,440	1	1,440	1	1,440
Junior clerk	3	1,440	3	1,440	3	1,400
Farmer	1	1,440	1	1,440	1	1,380
Poultryman	1	1,380	1	1,380	1	1,380
Teacher, junior high					0.6	1,380
Teacher	5	1,392	5	1,392	5	1,380
Teacher, home economics					0.6	1,380
Assistant teacher of agriculture					1	1,380
Assistant engineer	1	1,320	1	1,320	1	1,320
Orchestra leader	1	1,320	1	1,320	1	1,320
Carpenter	2	1,320	2	1,320	2	1,320
Cook	1	1,320	1	1,320		
Salary range, $1,020 to $1,260; average, $1,140—						
Assistant disciplinarian	1	1,140	1	1,140	1	1,290
Salary range, $900 to $1,140; average, $1,020—						
Shoe and harness maker	1	1,140	1	1,140	1	1,140
Laborer	3	1,080	3	1,080	3	1,080
Matron	5	1,056	5	1,056	5	1,050
Baker	1	1,020	1	1,020	1	1,020
Cook					1	1,080
Salary range, $780 to $1,020; average, $900—						
Seamstress	1	1,080	1	1,080	1	1,080
Laundress	1	1,080	1	1,080	1	1,020
Laborer	2	900	2	900	2	900
Total average number of employees	64		64		63	
Total salaries and wages, field service		97,060.00		97,060.00		93,964.00
Deduct allowance value of quarters, fuel, and light furnished		11,200.00		11,200.00		10,900.00
Cash payment, salaries and wages		85,860.00		85,860.00		83,064.00
Miscellaneous and temporary labor, $8 to $1 per day		3,000.00		3,000.00		2,822.33
01 Total personal services		88,860.00		88,860.00		85,886.33
Supplies and materials:						
0210 Medical supplies		900.00		800.00		792.54
0220 Scientific and educational supplies		2,000.00		1,500.00		1,580.17
0230 Fuel		2,000.00		2,000.00		1,679.66
0240 Wearing apparel and sewing supplies		17,000.00		14,000.00		10,253.99
0250 Forage and other supplies for animals		3,000.00		2,000.00		2,148.68
0260 Provisions		43,000.00		35,000.00		35,556.21
0280 Sundry supplies		8,500.00		6,000.00		6,446.60
02 Total supplies and materials		76,400.00		61,300.00		58,457.85

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Indian School, Chilocco, Okla.—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Communication service:			
0500	Telegraph service	$50.00	$50.00	$23.45
0510	Telephone service	700.00	700.00	618.83
0520	Other communication service	50.00	50.00	42.79
05	Total communication service	800.00	800.00	685.07
06	Travel expense	100.00	100.00	87.02
07	Transportation of things	2,000.00	1,000.00	1,023.34
10	Furnishing of heat, light, power, water, and electricity	26,000.00	23,000.00	23,284.40
11	Rents	200.00	200.00	200.00
	Repairs and alterations:			
1200	Buildings	11,700.00	10,250.00	11,200.00
1290	Miscellaneous repairs and alterations	11,000.00	7,000.00	11,013.65
12	Total repairs and alterations	22,700.00	17,250.00	22,213.65
13	Special and miscellaneous expenses	481.00	440.00	106.98
22	Grants, subsidies, and contributions	500.00	500.00	476.26
	Equipment:			
3000	Passenger-carrying vehicles		800.00	657.00
3010	Furniture, furnishings, and fixtures	10,000.00	5,000.00	5,982.03
3020	Educational, scientific, and recreational supplies	3,000.00	1,000.00	1,031.63
3040	Livestock	3,000.00	2,000.00	2,538.40
3050	Other equipment	16,000.00	10,000.00	10,572.09
30	Total equipment	32,000.00	18,800.00	20,781.15
32	Structures and parts, and nonstructural improvements to land	56,000.00		
		306,041.00	212,250.00	213,202.05
	Less Indian moneys, proceeds of labor	47,041.00	42,500.00	40,791.93
	Total	259,000.00	169,750.00	172,410.12

Sequoyah Orphan Training School, Five Civilized Tribes, Oklahoma—

Sequoyah Orphan Training School, near Tahlequah, Oklahoma: For three hundred orphan Indian children of the State of Oklahoma belonging to the restricted class, to be conducted as an industrial school under the direction of the Secretary of the Interior, [$67,500]; *$72,000*; for pay of superintendent, drayage, and general repairs and improvements, [$10,000] *$11,000; for additional water supply, $12,000, to be immediately available;* in all, [$77,500] (*U. S. C., p. 690, sec. 13; act Jan. 12, 1927, vol. 44, p. 949*) $95,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $2,100 to $2,700; average, $2,400—						
Superintendent	1	$2,400	1	$2,400	1	$2,400
Salary range, $1,680 to $2,040; average, $1,860—						
Principal	1	1,860	1	1,860	0.3	1,860
Salary range, $1,500 to $1,860; average, $1,680—						
Principal					0.7	1,680
Financial clerk	1	1,680	1	1,680	0.3	1,680
Nurse	1	1,680	1	1,680	1	1,680
Salary range, $1,320 to $1,680; average, $1,500—						
Teacher home economics (junior high)	1	1,620	1	1,620	0.6	1,620
Teacher (junior high)	2	1,620	2	1,620	1.4	1,620
Assistant clerk					0.4	1,560
Assistant clerk	1	1,500	1	1,500	2	1,500
Engineer	1	1,500	1	1,500	0.9	1,500
Salary range, $1,140 to $1,500; average, $1,320—						
Music teacher	1	1,500	1	1,500	0.9	1,500
Teacher	5	1,380	5	1,380	5.4	1,380
Teacher home economics					0.4	1,380
Farmer	1	1,380	1	1,380	1	1,380
Manual training teacher	1	1,440	1	1,440	1	1,380
Salary range, $900 to $1,140; average, $1,020—						
Matron	3	1,040	3	1,040	3	1,040
Cook	1	1,020	1	1,020	1	1,020
Assistant disciplinarian	1	1,020	1	1,020	1	1,020
Baker	1	1,020	1	1,020	1	1,020
Laborer	2	1,020	2	1,020	1.9	1,020
Salary range, $780 to $1,020; average, $900—						
Seamstress	1	1,020	1	1,020	1	1,020
Laundress	1	900	1	900	1	900
Assistant matron	1	900	1	900	0.9	900

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Sequoyah Orphan Training School, Five Civilized Tribes, Oklahoma—Continued.					
Field service—Continued.					
Salaries and wages—Continued.	*Average—*	*Average—*	*Average—*		
Salary range, $600 to $780; average, $690—	*No.* *Salary*	*No.* *Salary*	*No.* *Salary*		
Assistant	1 $660	1 $660	1 $660		
Ungraded—					
Physician	1 1,200	1 1,200	1 1,042		
Total average number of employees	30	30	29.3		
Total salaries and wages, field service	39,600.00	39,600.00	38,146.00		
Deduct allowance value of subsistence, quarters, fuel, and light furnished	7,860.00	7,860.00	7,780.00		
Cash payment, salaries and wages	31,740.00	31,740.00	30,366.00		
Miscellaneous and temporary labor, $8 to $1 per day	800.00	800.00	957.39		
01 Total personal services	32,540.00	32,540.00	31,323.39		
Supplies and materials:					
0210 Medical supplies	300.00	300.00	136.33		
0220 Scientific and educational supplies	800.00	500.00	1,099.15		
0230 Fuel	4,200.00	4,200.00	3,817.69		
0240 Wearing apparel and sewing supplies	6,000.00	5,000.00	3,776.42		
0250 Forage and other supplies for animals	2,000.00	2,500.00	1,993.54		
0260 Provisions	17,500.00	13,800.00	12,789.37		
0280 Sundry supplies	2,500.00	2,000.00	1,954.10		
02 Total supplies and materials	33,300.00	28,300.00	25,566.60		
Communication service:					
0500 Telegraph service	10.00	10.00	2.59		
0510 Telephone service	90.00	90.00	97.27		
0520 Other communication service			2.60		
05 Total communication service	100.00	100.00	102.46		
06 Travel expense	50.00	50.00	54.84		
07 Transportation of things	1,500.00	1,000.00	997.40		
10 Furnishing of heat, light, power, water, and electricity			16.11		
11 Rents	600.00	600.00	576.00		
Repairs and alterations:					
1200 Buildings	7,900.00	6,600.00	4,489.98		
1290 Miscellaneous repairs and alterations	3,500.00	3,500.00	3,510.72		
12 Total repairs and alterations	11,400.00	10,100.00	8,000.70		
13 Special and miscellaneous expenses	210.00	185.00	150.64		
22 Grants, subsidies, and contributions	300.00	300.00	253.33		
Equipment:					
3010 Furniture, furnishings, and fixtures	2,500.00	1,000.00	2,324.40		
3020 Educational, scientific, and recreational supplies	1,000.00	500.00	669.61		
3040 Livestock	500.00		585.00		
3050 Other equipment	1,000.00	1,500.00	1,488.99		
30 Total equipment	5,000.00	3,000.00	5,068.00		
32 Structures and parts, and nonstructural improvements to land	11,500.00		351.88		
	96,500.00	76,175.00	72,461.35		
Less Indian moneys, proceeds of labor	1,500.00	1,000.00	868.83		
Total	95,000.00	75,175.00	71,592.52		

Indian School, Euchee, Okla.—

Euchee, Oklahoma: For one hundred and [fifteen] *ten* pupils, [$28,750] *$28,600*; for pay of superintendent, drayage, and general repairs and improvements, [$7,000] *$6,000*; in all, [$35,750] (*U. S. C., p. 690, sec. 13; act Jan. 12, 1927, vol. 44, p. 950*)..... $34,600.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

Oeneral object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Indian School, Euchee, Okla.—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Field service:			
Salaries and wages—	*Average—*	*Average—*	*Average—*
	No. *Salary*	*No.* *Salary*	*No.* *Salary*
Salary range, $1,860 to $2,400; average, $2,100—			
Superintendent	1 $2,100	1 $2,100	1 $2,100
Salary range, $1,500 to $1,860; average, $1,680—			
Nurse	1 1,680	1 1,680	0.8 1,680
Salary range, $1,320 to $1,680; average, $1,500—			
Principal teacher	1 1,680	1 1,680	1 1,680
Assistant clerk	1 1,500	1 1,500	1 1,500
Salary range, $1,140 to $1,500; average, $1,320—			
Teacher	5 1,392	5 1,392	4 1,380
Salary range, $1,020 to $1,260; average, $1,140—			
Matron (head)	1 1,140	1 1,140	----------
Salary range, $900 to $1,140; average, $1,020—			
Matron	1 1,080	1 1,080	1.8 1,053
Cook	1 1,020	1 1,020	1 1,020
Salary range, $780 to $1,020; average, $900—			
Seamstress	1 900	1 900	0.8 900
Laundress	1 900	1 900	0.8 900
Ungraded—			
Physician	0.8 660	0.8 660	0.8 660
Total average number of employees	14.8	14.8	13
Total salaries and wages, field service	19,488.00	19,488.00	17,028.00
Deduct allowance value of subsistence, quarters, fuel, and light	3,940.00	3,940.00	3,577.00
Cash payment, salaries and wages	15,548.00	15,548.00	13,451.00
Miscellaneous and temporary labor, $8 to $1 per day	800.00	800.00	747.50
01 Total personal services	16,348.00	16,348.00	14,198.50
Supplies and materials:			
0210 Medical supplies	300.00	300.00	311.79
0220 Scientific and educational supplies	300.00	300.00	406.30
0230 Fuel	150.00	150.00	124.85
0240 Wearing apparel and sewing supplies	500.00	500.00	434.87
0250 Forage and other supplies for animals	700.00	800.00	658.74
0260 Provisions	7,300.00	7,000.00	6,790.74
0280 Sundry supplies	1,350.00	1,200.00	1,577.94
02 Total supplies and materials	10,600.00	10,250.00	10,305.23
Communication service:			
0510 Telephone service	100.00	100.00	87.86
0520 Other communication service	10.00	10.00	8.00
05 Total communication service	110.00	110.00	95.86
06 Travel expense	50.00	50.00	28.79
07 Transportation of things	300.00	300.00	----------
10 Furnishing of heat, light, power, water, and electricity	2,000.00	2,000.00	1,865.74
12 Repairs and alterations	4,350.00	4,730.00	4,578.82
13 Special and miscellaneous expenses	92.00	192.00	203.50
Equipment:			
3010 Furniture, furnishings, and fixtures	500.00	500.00	1,780.88
3020 Educational, scientific, and recreational supplies	100.00	----------	58.27
3040 Livestock	----------	----------	170.00
3050 Other equipment	150.00	200.00	78.96
30 Total equipment	750.00	700.00	2,088.11
32 Structures and parts, and nonstructural improvements to land	----------	----------	99.00
	34,600.00	34,680.00	33,463.55
Transferred from trust funds of Indian tribes	----------	----------	33,463.55
Total	34,600.00	34,680.00	----------

Indian School, Eufaula, Okla.—

Eufaula, Oklahoma: For one hundred and twenty-five pupils, [$31,250] *$32,500*; for pay of superintendent, drayage, and general repairs and improvements, $7,000; in all [$38,250] (*U. S. C., p. 690, sec. 13; act Jan. 12, 1927, vol. 44, p. 950*) ---------- $39,500.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Indian School, Eufaula, Okla.—Contiuued.

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Field service:						
	Salaries and wages—	*Average—*		*Average—*		*Average—*	
	Salary range, $1,860 to $2,400; average, $2,100—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Superintendent	1	$2,100	1	$2,100	1	$2,100
	Salary range, $1,320 to $1,680; average, $1,500—						
	Principal teacher	1	1,740	1	1,740	1	1,680
	Assistant clerk	1	1,500	1	1,500	1	1,500
	Salary range, $1,140 to $1,500; average, $1,320—						
	Teacher	3	1,380	3	1,380	2.5	1,380
	Music teacher	1	1,380	1	1,380	0.8	1,380
	Teacher of home economics	1	1,380	1	1,380	0.8	1,380
	Practical nurse	1	1,380	1	1,380	0.8	1,380
	Salary range, $900 to $1,140; average, $1,020—						
	Laborer	2	1,110	2	1,110	2	1,110
	Matron (head)	1	1,080	1	1,080	1	1,080
	Cook	1	1,020	1	1,020	1	1,020
	Salary range, $780 to $1,020; average, $900—						
	Seamstress	1	1,020	1	1,020	0.8	900
	Assistant matron	1	900	1	900	0.8	900
	Ungraded—						
	Physician	0.8	480	0.8	480	0.8	480
	Total average number of employees	15.8		15.8		14.3	
	Total salaries and wages, field service		20,244.00		20,244.00		18,186.00
	Deduct allowance value of quarters, fuel, and light		2,400.00		2,400.00		2,154.00
	Cash payment, salaries and wages		17,844.00		17,844.00		16,032.00
	Miscellaneous and temporary labor, $8 to $1 per day		500.00		500.00		923.31
01	Total personal services		18,344.00		18,344.00		16,955.31
	Supplies and materials:						
0210	Medical supplies		100.00		100.00		63.40
0220	Scientific and educational supplies		250.00		200.00		161.22
0230	Fuel		250.00		200.00		196.14
0240	Wearing apparel and sewing supplies		1,250.00		1,000.00		920.81
0250	Forage and other supplies for animals		600.00		600.00		454.25
0260	Provisions		7,500.00		6,000.00		5,410.50
0280	Sundry supplies		1,000.00		1,000.00		702.97
02	Total supplies and materials		10,950.00		9,100.00		7,909.29
	Communication service:						
0510	Telephone service		75.00		75.00		77.55
0520	Other communication service		10.00		10.00		3.90
05	Total communication service		85.00		85.00		81.45
06	Travel expense						12.71
07	Transportation of things		400.00		400.00		28.71
10	Furnishing of heat, light, power, water, and electricity		1,800.00		1,800.00		1,668.53
11	Rents		100.00		100.00		113.20
	Repairs and alterations:						
1200	Buildings		4,500.00		4,290.00		3,500.00
1290	Miscellaneous repairs and alterations		1,000.00		1,000.00		671.57
12	Total repairs and alterations		5,500.00		5,290.00		4,171.57
13	Special and miscellaneous expenses		1,221.00		686.00		1,220.46
	Equipment:						
3010	Furniture, furnishings, and fixtures		300.00		300.00		289.19
3020	Educational, scientific, and recreational supplies		100.00		100.00		90.24
3040	Livestock				200.00		203.00
3050	Other equipment		700.00		700.00		690.67
30	Total equipment		1,100.00		1,300.00		1,273.10
32	Structures and parts, and nonstructural improvements to land						66.85
			39,500.00		37,105.00		33,501.18
	Transferred from trust funds of Indian tribes						33,501.18
	Total		39,500.00		37,105.00		

Indian School, Salem, Oreg.—

Chemawa, Salem, Oregon: For nine hundred pupils, including native Indian pupils brought from Alaska, including not to exceed $1,000 for printing and issuing school paper, [$202,500] *$207,000;* for pay of superintendent, drayage, and general repairs and improvements, [$70,000] *$20,000;* [including $9,500 for completion of repairs to water system, and $40,000 for an additional dormitory building] *for new septic tank and sewer system, $10,000; for employees' quarters, $8,000;* in all, [$272,500] *$245,000: Provided,* That except upon the individual order of the Secretary of the Interior, no part of this appropriation shall be used for the support or education at said school of any native pupil brought from Alaska after January 1, 1925 (*U. S. C., p. 690, sec. 13; act Jan. 12, 1927, vol. 44, p. 950*) -- $245,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Indian School, Salem, Oreg.—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
Salary range, $3,000 to $3,600; average, $3,300—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Superintendent	1	$3,600	1	$3,600	1	$3,600
Salary range, $1,860 to $2,400; average, $2,100—						
Senior clerk	1	2,500	1	2,500		
Principal	1	2,100	1	2,100	1	2,100
Salary range, $1,680 to $2,040; average, $1,860—						
Senior clerk					1	1,860
Superintendent of industries	1	1,860	1	1,860	1	1,860
General mechanic	1	1,860	1	1,860	1	1,860
Engineer	1	1,860	1	1,860	0.9	1,860
Salary range, $1,500 to $1,860; average, $1,680—						
Teacher (senior high)	3	1,740	3	1,740	2.9	1,740
Teacher of home economics (senior high)	1	1,740	1	1,740	0.7	1,740
Clerk	1	1,740	1	1,740	1	1,680
Nurse	2	1,680	2	1,680	2	1,680
Salary range, $1,320 to $1,680; average, $1,500—						
Teacher of home economics (junior high)	1	1,740	1	1,740	1	1,740
Teacher (junior high)	5	1,620	5	1,620	5	1,620
Carpenter	1	1,620	1	1,620	1	1,620
Gardener	1	1,620	1	1,620	1	1,620
Plumber	1	1,620	1	1,620	1	1,620
Printer	1	1,620	1	1,620	1	1,620
Mason	1	1,620	1	1,620	0.5	1,620
Music teacher	1	1,500	1	1,500	1	1,500
Matron	1	1,500	1	1,500	1	1,500
Assistant clerk	1	1,500	1	1,500	1	1,500
Financial clerk	1	1,500	1	1,500	1	1,500
Disciplinarian	1	1,500	1	1,500	1	1,500
Salary range, $1,140 to $1,500; average, $1,320—						
Band leader	1	1,380	1	1,380	1	1,348
Teacher	7	1,380	7	1,380	6.9	1,380
Teacher of home economics	2	1,380	2	1,380	2	1,380
Dairyman	1	1,380	1	1,380	1	1,380
Poultryman	1	1,380	1	1,380	1	1,380
Farmer	1	1,380	1	1,380	1	1,380
Painter	1	1,320	1	1,320	1	1,320
Assistant engineer	1	1,320	1	1,320	1	1,320
Carpenter	1	1,320	1	1,320	1	1,320
Salary range, $960 to $1,140; average, $1,020—						
Tailor	1	1,200	1	1,200	1	1,260
Baker	1	1,200	1	1,200	1	1,200
Blacksmith	1	1,140	1	1,140	1	1,140
Shoe and harness maker	1	1,140	1	1,140	0.9	1,158
Assistant disciplinarian	1	1,080	1	1,080	1	1,080
Laborer	5	1,032	5	1,032	4.9	1,032
Matron	6	1,020	6	1,020	5.9	1,020
Cook	1	1,020	1	1,020	1	1,020
Salary range, $780 to $1,020; average, $900—						
Seamstress	1	1,020	1	1,020	1	1,020
Laundress	1	900	1	900	0.8	900
Cook	1	900	1	900	1	900
Salary range, $600 to $780; average, $690—						
Assistant	6	670	6	670	5.7	670
Ungraded—						
Physician	1	720	1	720	1	720
Total average number of employees	72		72		70.1	
Total salaries and wages, field service		98,770.00		98,770.00		96,689.66
Deduct allowance value of subsistence, quarters, fuel, and light furnished		11,148.00		11,148.00		12,273.00
01 Total personal services		87,622.00		87,622.00		84,416.66
Supplies and materials:						
0210 Medical supplies		1,500.00		1,500.00		1,072.84
0220 Scientific and educational supplies		3,000.00		3,500.00		4,464.52
0230 Fuel		26,000.00		26,000.00		27,766.34
0240 Wearing apparel and sewing supplies		24,000.00		22,500.00		22,580.38
0250 Forage and other supplies for animals		1,000.00		1,000.00		1,324.22
0260 Provisions		38,000.00		36,000.00		33,977.32
0280 Sundry supplies		3,000.00		5,000.00		5,842.31
02 Total supplies and materials		96,500.00		95,500.00		97,027.93
Communication service:						
0500 Telegraph service		100.00		100.00		97.84
0510 Telephone service		250.00		250.00		245.43
0520 Other communication service						4.05
05 Total communication service		350.00		350.00		347.32
06 Travel expense		700.00		700.00		865.93
07 Transportation of things		2,500.00		2,500.00		573.45
08 Printing, engraving, lithographing, photographing, and typewriting						124.95
10 Furnishing of heat, light, power, water, and electricity		4,500.00		4,500.00		4,504.89
11 Rents		400.00		400.00		409.28

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Indian School, Salem, Oreg.—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Repairs and alterations:			
1200 Buildings	$25,700.00	$24,800.00	$25,919.15
1290 Miscellaneous repairs and alterations	5,000.00	3,500.00	5,327.11
12 Total repairs and alterations	30,700.00	28,300.00	31,246.26
13 Special and miscellaneous expenses	728.00	453.00	596.45
22 Grants, subsidies, and contributions	500.00	500.00	630.00
Equipment:			
3010 Furniture, furnishings, and fixtures	5,000.00	6,000.00	8,306.55
3020 Educational, scientific, and recreational supplies	500.00	500.00	1,084.03
3040 Livestock			2,677.00
3050 Other equipment	3,000.00	4,000.00	10,187.63
30 Total equipment	8,500.00	10,500.00	22,255.21
32 Structures and parts, and nonstructural improvements to land	17,000.00	38,000.00	60,780.87
	250,000.00	269,325.00	303,779.20
Less Indian moneys, proceeds of labor	5,000.00	5,000.00	1,755.25
Total	245,000.00	264,325.00	302,023.95

Indian School, Flandreau, S. Dak.—

Flandreau, South Dakota: For four hundred pupils, [$90,000] *$96,000*; for pay of superintendent, drayage, and general repairs and improvements, [$23,000, including $8,000 for dairy barn] *$12,000; for repairs and improvements to large boys' dormitory, $15,000*; in all [$113,000] (*U. S. C., p. 690, sec. 13; act Jan. 12, 1927, vol. 44, p. 950*) $123,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $2,700 to $3,300; average, $3,000—						
Superintendent	1	$3,000	1	$3,000	0.2	$3,000
Salary range, $1,680 to $2,040; average, $1,860—						
Senior clerk	1	1,920	1	1,920	1	1,860
Principal	1	1,920	1	1,920	1	1,860
General mechanic	1	1,860	1	1,860	1	1,860
Salary range, $1,500 to $1,860; average, $1,680—						
Teacher (senior high)	2	1,740	2	1,740	1.9	1,740
Nurse	1	1,680	1	1,680	1	1,680
Engineer	1	1,680	1	1,680	0.1	1,680
Nurse	1	1,680	1	1,680	1	1,680
Salary range, $1,320 to $1,680; average, $1,500—						
Teacher (junior high)	4	1,620	4	1,620	2.6	1,620
Carpenter	1	1,620	1	1,620	1	1,620
Engineer					0.9	1,500
Music teacher	1	1,500	1	1,500	0.9	1,500
Salary range, $1,140 to $1,500; average, $1,320—						
Disciplinarian	1	1,380	1	1,380	1	1,440
Band leader	1	1,440	1	1,440	0.1	1,440
Teacher (junior high)					1.4	1,380
Teachers	2	1,380	2	1,380	1.9	1,380
Teacher home economics	2	1,380	2	1,380	2	1,380
Matron	1	1,380	1	1,380	1	1,380
Dairyman	1	1,380	1	1,380	1	1,380
Farmer	1	1,380	1	1,380	1	1,380
Junior clerk	1.5	1,340	1.5	1,340	1.5	1,340
Assistant engineer	1	1,320	1	1,320	1	1,320
Salary range, $900 to $1,140; average, $1,020—						
Shoe and harnessmaker	1	1,200	1	1,200	1	1,200
Matron	1	1,020	1	1,020	1	1,020
Cook	1	1,020	1	1,020	1	1,020
Baker	1	1,020	1	1,020	1	1,020
Assistant disciplinarian	1	1,020	1	1,020	1	1,020
Laborer	1	1,020	1	1,020	1	1,020
Salary range, $780 to $1,020; average, $900—						
Seamstress	1	1,020	1	1,020	1	1,020
Assistant matron	2	930	2	930	1.9	930
Laundress	1	900	1	900	1	900
Assistant	1	900	1	900	1	900

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Indian School, Flandreau, S. Dak.—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Field service—Continued.			
	Salaries and wages—Continued.			
	Salary range, $600 to $780; average, $690—	*Average—*	*Average—*	*Average—*
		No. *Salary*	*No.* *Salary*	*No.* *Salary*
	Assistant	3 $660	3 $660	3 $660
	Ungraded—			
	Physician	1 720	1 720	1 720
	Total average number of employees	41.5	41.5	39.4
	Total salaries and wages, field service	56,310.00	56,310.00	51,471.00
	Deduct allowance value of subsistence, quarters, fuel, and light furnished	7,050.00	7,050.00	6,588.00
	Cash payment, salaries and wages	49,260.00	49,260.00	44,883.00
	Miscellaneous and temporary labor, $8 to $1 per day	1,500.00	1,500.00	1,885.29
01	Total personal services	50,760.00	50,760.00	46,768.29
	Supplies and materials:			
0210	Medical supplies	300.00	300.00	234.49
0220	Scientific and educational supplies	1,000.00	1,000.00	721.43
0230	Fuel	5,500.00	5,500.00	5,693.77
0240	Wearing apparel and sewing supplies	9,500.00	7,000.00	7,348.05
0250	Forage and other supplies for animals	500.00	400.00	624.41
0260	Provisions	21,500.00	17,000.00	14,388.95
0280	Sundry supplies	2,500.00	1,000.00	1,991.55
02	Total supplies and materials	40,800.00	32,200.00	31,002.65
	Communication service:			
0500	Telegraph service	50.00	50.00	24.09
0510	Telephone service	350.00	350.00	376.89
05	Total communication service	400.00	400.00	400.98
06	Travel expense	200.00	200.00	194.52
07	Transportation of things	1,500.00	1,200.00	1,350.54
08	Printing, engraving, lithographing, photographing, and typewriting			31.50
10	Furnishing of heat, light, power, water, and electricity	2,000.00	2,000.00	2,000.00
11	Rents	100.00	100.00	101.02
	Repairs and alterations:			
1200	Buildings	22,500.00	10,350.00	26,952.35
1290	Miscellaneous repairs and alterations	2,500.00	2,500.00	2,433.98
12	Total repairs and alterations	25,000.00	12,850.00	29,386.33
13	Special and miscellaneous expenses	540.00	340.00	100.50
	Equipment:			
3010	Furniture, furnishings, and fixtures	2,500.00	2,000.00	2,313.53
3020	Educational, scientific, and recreational supplies	500.00	500.00	671.03
3040	Livestock	300.00		669.71
3050	Other equipment	200.00	500.00	499.57
30	Total equipment	3,500.00	3,000.00	4,153.84
32	Structures and parts, and nonstructural improvements to land		7,760.00	19,290.40
		124,800.00	110,810.00	134,780.57
	Less Indian moneys, proceeds of labor	1,800.00	1,200.00	2,066.17
	Total	123,000.00	109,610.00	132,714.40

Indian School, Pierre, S. Dak.—

Pierre, South Dakota: For [three] *two* hundred *and ninety* pupils, [$67,500] *$69,600;* for pay of superintendent, drayage, and general repairs and improvements, $15,000; in all [$82,500] (*U. S. C., p. 690, sec. 13; act Jan. 12, 1927, vol. 44, p. 950*) $84,600.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Indian School, Pierre, S. Dak.—Continued.

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
		Average—		*Average—*		*Average—*	
		No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Field service:						
	Salaries and wages—						
	Salary range, $2,400 to $3,000; average, $2,700—						
	Superintendent	1	$2,700	1	$2,700	1	$2,700
	Salary range, $1,500 to $1,860; average, $1,680—						
	Clerk	1	1,740	1	1,740	1	1,740
	Principal	1	1,740	1	1,740	1	1,740
	Nurse	1	1,680	1	1,680	1	1,680
	Salary range, $1,320 to $1,680; average, $1,500—						
	Teacher (junior high)	2	1,620	2	1,620	1.6	1,620
	Engineer	1	1,500	1	1,500	1	1,505
	Salary range, $1,140 to $1,500; average, $1,320—						
	Stockman	1	1,440	1	1,440	1	1,440
	Disciplinarian	1	1,380	1	1,380	1	1,380
	Teacher of home economics	1	1,380	1	1,380	1	1,380
	Teacher	4	1,380	4	1,380	4.2	1,380
	Carpenter	1	1,380	1	1,380	1	1,320
	Matron	1	1,320	1	1,320		
	Junior clerk	1	1,320	1	1,320	1	1,320
	Fireman	1	1,320	1	1,320	0.8	1,320
	Salary range, $900 to $1,140; average, $1,020—						
	Shoe and harness maker	1	1,140	1	1,140	1	1,140
	Matron	2	1,020	2	1,020	3	1,040
	Cook	1	1,020	1	1,020	1	1,020
	Laborer	2	1,020	2	1,020	2	1,020
	Salary range, $780 to $1,020; average, $900—						
	Seamstress	1	1,020	1	1,020	1	1,020
	Laundress	1	900	1	900	1	900
	Laborer	1	900	1	900	1	900
	Salary range, $600 to $780; average, $690—						
	Assistant	2	660	2	660	2	660
	Ungraded—						
	Physician	1	720	1	720	1	720
	Total average number of employees	30		30		29.6	
	Total salaries and wages, field service		38,760.00		38,760.00		37,829.00
	Deduct allowance value of quarters, fuel and light		4,560.00		4,560.00		4,428.00
	Cash payment, salaries and wages		34,200.00		34,200.00		33,401.00
	Miscellaneous and temporary labor, $8 to $1 per day		500.00		500.00		481.41
01	Total personal services		34,700.00		34,700.00		33,882.41
	Supplies and materials:						
0200	Stationery and office supplies		50.00		50.00		
0210	Medical supplies		200.00		200.00		181.32
0220	Scientific and educational supplies		800.00		800.00		690.91
0230	Fuel		3,500.00		3,500.00		3,637.49
0240	Wearing apparel and sewing supplies		6,000.00		5,500.00		3,813.79
0250	Forage and other supplies for animals		600.00		700.00		544.58
0260	Provisions		15,600.00		12,500.00		9,001.80
0280	Sundry supplies		2,000.00		1,500.00		1,921.11
02	Total supplies and materials		28,750.00		24,750.00		19,791.00
	Communication service:						
0500	Telegraph service		25.00		25.00		12.61
0510	Telephone service		150.00		150.00		134.30
0520	Other communication service		25.00		25.00		12.49
05	Total communication service		200.00		200.00		159.40
07	Transportation of things		600.00		500.00		569.03
08	Printing, engraving, lithographing, photographing, and typewriting						33.59
10	Furnishing of heat, light, power, water, and electricity		4,000.00		4,000.00		3,836.80
11	Rents		250.00		250.00		250.00
	Repairs and alterations:						
1200	Buildings		12,000.00		11,650.00		10,598.02
1290	Miscellaneous repairs and alterations		2,000.00		2,000.00		1,926.28
12	Total repairs and alterations		14,000.00		13,650.00		12,524.30
13	Special and miscellaneous expenses						86.70
	Equipment:						
3000	Passenger-carrying vehicles						490.00
3010	Furniture, furnishings, and fixtures		1,000.00		2,000.00		1,175.72
3020	Educational, scientific, and recreational supplies		500.00		400.00		185.34
3040	Livestock						16.00
3050	Other equipment		1,500.00		500.00		1,147.53
30	Total equipment		3,000.00		2,900.00		3,014.59
32	Structures and parts, and nonstructural improvements to land						1,208.56
			85,500.00		80,950.00		75,356.38
	Less Indian moneys, proceeds of labor		900.00		925.00		814.39
	Total		84,600.00		80,025.00		74,541.99

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Indian School, Rapid City, S. Dak.— Rapid City, South Dakota: For three hundred and twenty-five pupils, [$73,125] *$78,000*; for pay of superintendent, drayage, and general repairs and improvements, [$12,000] *$8,000*; [including $5,000 for extension of steam lines] *for new laundry building, $5,000; for remodeling dairy barn, $2,500*; in all, [$85,125] (*U. S. C., p. 690, sec. 13; act Jan. 12, 1927, vol. 44, p. 950*)	$93,500.00	

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
Salary range, $2,400 to $3,000; average, $2,700—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Superintendent	1	$2,700	1	$2,700	1	$2,700
Salary range, $1,680 to $2,040; average, $1,860—						
Senior clerk	1	1,920	1	1,920	1	1,920
Instructor in shop subjects	1	1,860	1	1,860		
Salary range, $1,500 to $1,860; average, $1,680—						
Principal	1	1,680	1	1,680	1	1,680
Nurse	1	1,680	1	1,680	1	1,680
Salary range, $1,320 to $1,680; average, $1,500—						
Teacher (junior high)	2	1,620	2	1,620	0.5	1,620
Engineer	1	1,500	1	1,500	1	1,500
Salary range, $1,140 to $1,500; average, $1,320—						
Farmer	1	1,440	1	1,440	1	1,440
Teacher	5	1,380	5	1,380	5.7	1,380
Teacher, home economics	1	1,380	1	1,380	1	1,380
Matron	1	1,380	1	1,380	1	1,380
Disciplinarian	1	1,380	1	1,380	1	1,380
Dairyman	1	1,380	1	1,380	1	1,380
Carpenter	1	1,380	1	1,380	1	1,320
Assistant engineer	1	1,320	1	1,320	1	1,320
Junior clerk	2	1,320	2	1,320	1.6	1,320
Salary range, $1,020 to $1,260; average, $1,140—						
Cook	1	1,140	1	1,140		
Salary range, $900 to $1,140; average, $1,020—						
Shoe and harness maker	1	1,140	1	1,140	1	1,140
Laborer	1	1,080	1	1,080	1	1,080
Matron	3	1,020	3	1,020	2.9	1,020
Cook					1	1,020
Baker	1	1,020	1	1,020	1	1,020
Salary range, $780 to $1,020; average, $900—						
Seamstress	1	1,020	1	1,020	1	1,020
Matron	1	900	1	900	0.7	960
Laundress	1	900	1	900	1	900
Laborer	1	900	1	900	1	900
Salary range, $600 to $780; average, $690—						
Assistant	4	660	4	660	4	660
Ungraded—						
Physician	1	1,000	1	1,000	1	868
Total average number of employees	38		38		35.4	
Total salaries and wages, field service		48,580.00		48,580.00		44,086.00
Deduct allowance value of quarters, fuel, and light furnished		5,700.00		5,700.00		5,200.00
Cash payment, salaries and wages		42,880.00		42,880.00		38,886.00
Miscellaneous and temporary labor $8 to $1 per day		300.00		300.00		337.24
01 Total personal services		43,180.00		43,180.00		39,223.24
Supplies and materials:						
0210 Medical supplies		400.00		300.00		259.01
0220 Scientific and educational supplies		1,000.00		800.00		1,059.72
0250 Fuel		4,500.00		4,000.00		4,264.20
0240 Wearing apparel and sewing supplies		7,000.00		5,000.00		5,113.48
0250 Forage and other supplies for animals		1,000.00		1,000.00		903.55
0260 Provisions		13,500.00		11,500.00		10,334.75
0280 Sundry supplies		2,250.00		1,500.00		1,598.37
02 Total supplies and materials		29,650.00		24,100.00		23,533.08
Communication service:						
0500 Telegraph service		25.00		25.00		13.48
0510 Telephone service		150.00		150.00		134.45
05 Total communication service		175.00		175.00		147.93
06 Travel expense		50.00		50.00		
07 Transportation of things		2,000.00		1,500.00		1,125.24
08 Printing, engraving, lightgraphing, photographing, and typewriting						4.25
10 Furnishing of heat, light, power, water, and electricity		1,500.00		1,500.00		1,446.66
11 Rents		100.00		100.00		87.20
Repairs and alterations:						
1200 Buildings		6,100.00		7,740.00		7,946.22
1290 Miscellaneous repairs and alterations		3,000.00		3,000.00		2,776.72
12 Total repairs and alterations		9,100.00		10,740.00		10,722.94
13 Special and miscellaneous expenses		445.00		130.00		423.50
22 Grants, subsidies, and contributions		100.00		100.00		55.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Indian School, Rapid City, S. Dak.—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Equipment:			
3010 Furniture, furnishings, and fixtures	$1,500.00	$1,000.00	$1,519.43
3020 Educational, scientific, and recreational supplies	500.00	300.00	305.69
3040 Livestock	300.00		150.00
3050 Other equipment	1,200.00	300.00	611.06
30 Total equipment	3,500.00	1,600.00	2,586.18
32 Structures and parts, and nonstructural improvements to land	4,800.00		
	94,600.00	83,175.00	79,355.22
Less Indian moneys, proceeds of labor	1,100.00	600.00	173.70
Total	93,500.00	82,575.00	79,181.52

Indian School, Hayward, Wis.—

Hayward, Wisconsin: For one hundred and fifty pupils, [$37,500] *$39,000;* for pay of superintendent, drayage, and general repairs and improvements, $8,000; in all, [$45,500] (*U. S. C., p. 690, sec. 13; act Jan. 12, 1927, vol. 44, p. 950*) $47,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:	*Average—*		*Average—*		*Average—*	
Salaries and wages—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $2,400 to $3,000; average, $2,700—						
Superintendent	1	$2,700	1	$2,700	1	$2,700
Salary range, $1,680 to $2,040; average, $1,860—						
General mechanic	1	1,860	1	1,860		
Salary range, $1,500 to $1,860; average, $1,680—						
Financial clerk	1	1,680	1	1,680	1	1,680
Salary range, $1,320 to $1,680; average, $1,500—						
Assistant clerk	1	1,500	1	1,500	0.9	1,500
Engineer	1	1,500	1	1,500	1	1,500
Salary range, $1,140 to $1,500; average, $1,320—						
Teacher	5	1,380	5	1,380	4.7	1,380
Disciplinarian					0.5	1,380
General mechanic					1	1,380
Salary range, $900 to $1,140; average, $1,020—						
Matron	2	1,050	2	1,050	2	1,050
Laborer	3	1,020	3	1,020	3	1,020
Disciplinarian	1	1,020	1	1,020	0.5	1,020
Salary range, $780 to $1,020; average, $900—						
Seamstress	1	1,020	1	1,020	1	1,020
Cook	1	900	1	900	1	900
Laundress	1	900	1	900	1	900
Laborer	2	930	2	930	1.6	900
Ungraded—						
Physician	1	780	1	780	1	780
Total average number of employees	22		22		21.2	
Total salaries and wages, field service		27,780.00		27,780.00		26,348.00
Deduct allowance value of quarters, fuel, and light furnished		3,240.00		3,240.00		3,367.00
Cash payment, salaries and wages		24,540.00		24,540.00		22,981.00
Miscellaneous and temporary labor $8 to $1 per day		260.00		260.00		207.33
01 Total personal services		24,800.00		24,800.00		23,188.33
Supplies and materials:						
0210 Medical supplies		100.00		100.00		82.70
0220 Scientific and educational supplies		100.00		100.00		36.55
0230 Fuel		4,000.00		3,500.00		4,071.56
0240 Wearing apparel and sewing supplies		1,500.00		1,500.00		1,545.62
0250 Forage and other supplies for animals		800.00		800.00		626.50
0260 Provisions		4,800.00		4,000.00		3,904.12
0280 Sundry supplies		800.00		600.00		787.91
02 Total supplies and materials		12,100.00		10,600.00		11,054.96
Communication service:						
0500 Telegraph service		10.00		10.00		7.57
0510 Telephone service		200.00		200.00		185.00
0520 Other communication service		15.00		15.00		11.15
05 Total communication service		225.00		225.00		203.72
06 Travel expense		50.00		50.00		19.54
07 Transportation of things		600.00		500.00		605.24
10 Furnishing of heat, light, power, water, and electricity		1,800.00		1,800.00		1,800.00
11 Rents		200.00		200.00		180.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Indian School, Hayward, Wis.—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Repairs and alterations:			
1200	Buildings	$5,000.00	$4,860.00	$4,757.64
1290	Miscellaneous repairs and alterations	1,000.00	800.00	956.70
12	Total repairs and alterations	6,000.00	5,660.00	5,714.34
13	Special and miscellaneous expenses	125.00	50.00	50.90
22	Grants, subsidies, and contributions			115.00
	Equipment:			
3010	Furniture, furnishings, and fixtures	500.00	300.00	574.18
3020	Educational, scientific, and recreational supplies			13.28
3050	Other equipment	900.00	200.00	13.85
30	Total equipment	1,400.00	500.00	601.31
		47,300.00	44,385.00	43,533.34
	Less Indian moneys, proceeds of labor	300.00	250.00	63.65
	Total	47,000.00	44,135.00	43,469.69

Indian School, Tomah, Wis.—

Tomah, Wisconsin: For three hundred and [twenty-five] *fifty* pupils, [$73,125] *$84,000*; for pay of superintendent, drayage, and general repairs and improvements, $10,000; *for additional lavatory facilities, $7,500; for enlarging small girls' dormitory, $10,000;* in all, [$83,125] (*U. S. C., p. 690, sec. 13; act Jan. 12, 1927, vol. 44, p. 950*) $111,500.00

In all, for above-named boarding schools, not to exceed [$3,210,000] *$3,765,000* ..... $3,765,000.00 | $3,210,000.00

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Field service:	*Average—*		*Average—*		*Average—*	
	Salaries and wages—	*No.*	*Salary*	*No.*	*Salry*	*No.*	*Salary*
	Salary range, $2,700 to $3,300; average, $3,000—						
	Superintendent	1	$3,000	1	$3,000		
	Salary range, $2,400 to $3,000; average, $2,700—						
	Superintendent					1	$2,700
	Salary range, $1,500 to $1,850; average, $1,680—						
	Financial clerk	1	1,680	1	1,680	1	1,680
	Nurse	1	1,680	1	1,680	1	1,680
	Principal	1	1,680	1	1,680	0.5	1,680
	Salary range, $1,320 to $1,680; average, $1,500—						
	Assistant clerk	1	1,560	1	1,560	1	1,500
	Engineer	1	1,500	1	1,500	1	1,500
	Principal					0.5	1,500
	Salary range, $1,140 to $1,680; average, $1,500—						
	Matron (head)	1	1,500	1	1,500	1	1,440
	Teacher	7	1,397	7	1,397	6.8	1,380
	Disciplinarian	1	1,380	1	1,380	1	1,380
	Music teacher	1	1,380	1	1,380	1	1,380
	Farmer	1	1,380	1	1,380	1	1,380
	Dairyman	1	1,380	1	1,380	1	1,380
	Carpenter	1	1,380	1	1,380	1	1,380
	Teacher of home economics	1	1,380	1	1,380	1	1,380
	Junior clerk	1	1,380	1	1,380	1	1,320
	Salary range, $900 to $1,140; average, $1,020—						
	Cook	1	1,140	1	1,140	1	1,080
	Matron	1	1,020	1	1,020	1	1,020
	Baker	1	1,020	1	1,020	1	1,020
	Salary range, $780 to $1,020; average, $900—						
	Seamstress	1	1,020	1	1,020	1	1,020
	Laundress	1	900	1	900	1	900
	Assistant matron	2	900	2	900	1	900
	Salary range, $600 to $780; average, $690—						
	Assistant	1	660	1	660	2	660
	Ungraded—						
	Physician	1	720	1	720	1	720
	Total average number of employees	30		30		29.8	
	Total salaries and wages, field service		40,319.00		40,319.00		39,054.00
	Deduct allowance value of quarters, fuel, and light furnished		4,800.00		4,800.00		4,704.00
	Cash payment, salaries and wages		35,519.00		35,519.00		34,350.00
	Miscellaneous and temporary labor, $8 to $1 per day		2,000.00		2,000.00		2,702.82
01	Total personal services		37,519.00		37,519.00		37,052.82

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Indian School, Tomah, Wis.—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Supplies and materials:			
0210	Medical supplies	$300.00	$250.00	$207.70
0220	Scientific and educational supplies	1,500.00	1,000.00	836.08
0230	Fuel	6,500.00	6,500.00	6,080.25
0240	Wearing apparel and sewing supplies	10,000.00	7,000.00	6,719.80
0250	Forage and other supplies for animals	4,000.00	4,000.00	3,748.68
0260	Provisions	16,800.00	10,000.00	8,549.35
0280	Sundry supplies	3,150.00	2,000.00	2,153.75
02	Total supplies and materials	42,250.00	30,750.00	28,296.21
	Communication service:			
0500	Telegraph service	25.00	25.00	8.07
0510	Telephone service	75.00	75.00	68.60
0520	Other communication service			2.40
05	Total communication service	100.00	100.00	79.07
06	Travel expenses	50.00	50.00	32.72
07	Transportation of things	2,500.00	300.00	236.67
08	Printing, engraving, lithographing, photographing, and typewriting			15.05
10	Furnishing of heat, light, power, water, and electricity	500.00	500.00	467.40
	Rents:			
1100	Rent of buildings and structures	60.00	60.00	60.00
1110	Other rents	240.00	240.00	226.50
11	Total rents	300.00	300.00	286.50
	Repairs and alterations:			
1200	Buildings	11,800.00	6,700.00	9,373.82
1290	Miscellaneous alterations and repairs	2,200.00	2,500.00	2,562.63
12	Total repairs and alterations	14,000.00	9,200.00	11,936.45
13	Special and miscellaneous expenses	181.00	166.00	202.77
22	Grants, subsidies, and contributions	100.00	100.00	75.00
	Equipment:			
3010	Furniture, furnishings, and fixtures	3,000.00	1,500.00	2,482.64
3020	Educational, scientific, and recreational supplies			77.06
3040	Livestock			89.00
3050	Other equipment	3,500.00	1,500.00	2,710.22
30	Total equipment	6,500.00	3,000.00	5,358.92
32	Structures and parts, and nonstructural improvements to land	9,500.00		
		113,600.00	81,985.00	84,039.68
	Less Indian moneys, proceeds of labor	2,100.00	1,350.00	1,104.41
	Total	111,500.00	80,635.00	82,935.17

Fulfilling Treaties with Navajos, Schools, Arizona.—

To enable the Secretary of the Interior to carry into effect the provisions of the sixth article of the treaty of June 1, 1868, between the United States and the Navajo Nation or Tribe of Indians, proclaimed August 12, 1868, whereby the United States agrees to provide school facilities for the children of the Navajo Tribe of Indians, [$50,000] *$25,000*: *Provided*, That the said Secretary may expend said funds in his discretion in establishing or enlarging day or industrial schools (*acts June 1, 1868, vol. 15, p. 669, sec. 1; Jan. 12, 1927, vol. 44, p. 950*) $25,000.00 $50,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
12	Repairs and alterations	$10,000.00	$10,000.00	$156.84
32	Structures and parts, and nonstructural improvements to land	15,000.00	39,000.00	49,208.84
			49,000.00	49,365.68
	Unobligated balance			634.32
	Reserve		1,000.00	
	Total	25,000.00	50,000.00	50,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Public School Tuition, Chippewa Indians in Minnesota (Tribal Funds)— The Secretary of the Interior is authorized to withdraw from the Treasury of the United States, in his discretion, the sum of $35,000, or so much thereof as may be necessary, of the principal sum on deposit to the credit of the Chippewa Indians in the State of Minnesota arising under section 7 of the act of January 14, 1889, and to expend the same for payment of tuition for Chippewa Indian children enrolled in the public schools of the State of Minnesota (*acts May 24, 1922, vol. 42, p. 569, sec. 1; Jan. 12, 1927, vol. 44, p. 950*).		
22 Grants, subsidies, and contributions (tuition): Expenditures—1929, $35,000; 1928, $35,000; 1927, $34,216.45.		
Support of the Chippewas of the Mississippi, Minnesota— For support of a school or schools for the Chippewas of the Mississippi in Minnesota (article 3, treaty of March 19, 1867), $4,000: *Provided*, That no part of the sum hereby appropriated shall be used except for school or schools for the Mississippi Chippewas now in the State of Minnesota (*acts Mar. 19, 1867, vol. 16, p. 720, sec. 1; Jan. 12, 1927, vol. 44, p. 950*)	$4,000.00	$4,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Field service:			
Salaries and wages—	*Average—*	*Average—*	*Average—*
Salary range, $1,140 to $1,500; average, $1,320—	*No.* *Salary*	*No.* *Salary*	*No.* *Salary*
Teacher	2 $1,380	2 $1,380	2 $1,380
Salary range, $420 to $600; average, $510—			
Housekeeper	1 540	1 540	1 540
Total average number of employees	3	3	3
Total salaries and wages, field service	3,300.00	3,300.00	3,300.00
Deduct allowance value of quarters, fuel, and light furnished	420.00	420.00	420.00
01 Total personal services	2,880.00	2,880.00	2,887.50
Supplies and materials:			
0220 Scientific and educational supplies	100.00	100.00	164.80
0230 Fuel	250.00	250.00	311.55
0240 Wearing apparel and sewing supplies	150.00	200.00	144.81
0250 Forage and other supplies for animals	150.00	150.00	157.03
0260 Provisions	250.00	250.00	326.55
0280 Sundry supplies	50.00	50.00	180.69
02 Total supplies and materials	950.00	1,000.00	1,285.43
12 Repairs and alterations	100.00	100.00	123.04
Equipment:			
3010 Furniture, furnishings, and fixtures	50.00		79.18
3050 Other equipment	20.00	20.00	18.00
30 Total equipment	70.00	20.00	97.18
		4,000.00	393.15
Unobligated balance			106.85
Total	4,000.00	4,000.00	4,500.00

Education, Osage Nation, Oklahoma (Tribal Funds)— For the education of Osage children, $8,000, to be paid from the funds held by the United States in trust for the Osage Tribe of Indians in Oklahoma: *Provided*, That the expenditure of said money shall include the renewal of the present contract with the Saint Louis Mission Boarding School, except that there shall not be expended more than $200 for annual support and education of any one pupil (*U. S. C., p. 690, sec. 13; act Jan. 12, 1927, vol. 44, p. 950*).

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Field service:			
Salaries and wages—	*Average—*	*Average—*	*Average—*
Salary range, $1,500 to $1,860; average, $1,680—	*No.* *Salary*	*No.* *Salary*	*No.* *Salary*
Day-school inspector	1 $1,740	1 $1,740	1 $1,680
Salary range, $1,320 to $1,680; average, $1,500—			
Carpenter			1 1,620
Salary range, $1,140 to $1,500; average, $1,320—			
Assistant engineer			1 1,380
Salary range, $900 to $1,140; average, $1,020—			
Laborer			1 1,080
Total average number of employees	1	1	4
Total salaries and wages, field service	1,740.00	1,740.00	5,760.00
Deduct allowance value of quarters, fuel, and light furnished	180.00	180.00	660.00
Cash payment, salaries and wages	1,560.00	1,560.00	5,100.00
Miscellaneous and temporary labor $8 to $1 per day			6,241.61
01 Total personal services	1,560.00	1,560.00	11,341.61

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Education, Osage Nation, Oklahoma (Tribal Funds)—Continued.					
Supplies and materials:					
0220 Scientific and educational supplies			$28.00		
0230 Fuel	$100.00	$100.00	57.00		
0280 Sundry supplies	100.00	200.00	15.00		
02 Total supplies and materials	200.00	300.00	100.00		
Communication service:					
0500 Telegraph service	10.00	10.00	2.34		
0510 Telephone service	20.00	20.00	10.20		
05 Total communication service	30.00	30.00	12.54		
06 Travel expense	150.00	150.00	23.60		
07 Transportation of things	50.00	50.00	36.50		
10 Furnishing of heat, light, power, water, and electricity	100.00	100.00	77.50		
12 Repairs and alterations		310.00	3,966.06		
13 Special and miscellaneous expenses	210.00				
22 Grants, subsidies, and contributions (tuition)	5,000.00	5,000.00	3,364.48		
Equipment:					
3000 Passenger-carrying vehicles	600.00		1,117.39		
3010 Furniture, furnishings, and fixtures	100.00	200.00	316.36		
3050 Other equipment		300.00			
30 Total equipment	700.00	500.00	1,433.75		
Total	8,000.00	8,000.00	20,356.04		
Transferred from trust funds of Indian tribes	8,000.00	8,000.00	20,356.04		
Indian Schools, Five Civilized Tribes— For aid to the common schools in the Cherokee, Creek, Choctaw, Chickasaw, and Seminole Nations and the Quapaw Agency in Oklahoma, $150,000, to be expended in the discretion of the Secretary of the Interior, and under rules and regulations to be prescribed by him: *Provided*, That this appropriation shall not be subject to the limitation in section 1 of the act of May 25, 1918 (Fortieth Statutes, page 564), limiting the expenditure of money to educate children of less than one-fourth Indian blood (*acts Aug. 24, 1912, vol. 37, p. 533, sec. 18; Jan. 12, 1927, vol. 44, p. 951*)				$150,000.00	$150,000.00
Field service:					
Salaries and wages—	*Average*—	*Average*—	*Average*—		
	No. *Salary*	*No.* *Salary*	*No.* *Salary*		
Salary range, $3,800 to $5,000; average, $4,400— Supervisor Five Civilized Tribes schools	1 $3,800	1 $3,800	1 $3,800		
Salary range, $1,860 to $2,400; average, $2,100— Day-school inspector	1 2,200	1 2,200	1 2,100		
Salary range, $1,500 to $1,860; average, $1,680— Clerk	1 1,680	1 1,680	0.7 1,680		
Salary range, $1,320 to $1,680; average, $1,500— Assistant clerk	1 1,560	1 1,560	1 1,500		
Salary range, $1,140 to $1,500; average, $1,320— Junior clerk	1 1,320	1 1,320	1 1,320		
Total average number of employees	5	5	4.7		
01 Total personal services	10,560.00	10,560.00	9,888.25		
Supplies and materials:					
0230 Fuel	100.00	100.00	91.06		
0280 Sundry supplies	100.00	100.00			
02 Total supplies and materials	200.00	200.00	91.06		
Communication service:					
0500 Telegraph service	25.00	25.00	7.63		
0510 Telephone service	250.00	250.00	231.10		
0520 Other communication service	25.00	25.00	6.00		
05 Total communication service	300.00	300.00	244.73		
06 Travel expense	700.00	700.00	711.29		
07 Transportation of things			2.10		
12 Repairs and alterations	500.00	500.00	926.50		
22 Grants, subsidies, and contributions (tuition)	137,740.00	136,740.00	135,973.03		
Unobligated balance		149,000.00	147,836.96		
Reserve		1,000.00	2,163.04		
Total	150,000.00	150,000.00	150,000.00		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Education, Sioux Nation—		
For support and maintenance of day and industrial schools among the Sioux Indians, including the erection and repairs of school buildings, $250,000, in accordance with the provisions of article 5 of the agreement made and entered into September 26, 1876, and ratified February 28, 1877 (Nineteenth Statutes, page 254) (*acts Mar. 2, 1899, vol. 25, p. 894, sec. 17; Jan. 12, 1927, vol. 44, p. 951*)	$250,000.00	$250,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $3,000 to $3,600; average, $3,300—						
Superintendent	3	$3,500	3	$3,500	2.8	$3,514
Salary range, $2,400 to $3,000; average, $2,700—						
Superintendent	0.5	2,700	0.5	2,700	0.5	2,700
Physician	1	2,700	1	2,700	0.1	2,700
Salary range, $2,100 to $2,700; average, $2,400—						
Physician	1	2,400	1	2,400	0.9	2,400
Salary range, $1,860 to $2,400; average, $2,100—						
Principal	2	2,100	2	2,100	2	2,100
Day-school inspector	1	2,100	1	2,100	1	2,100
Physician					1	2,100
Salary range, $1,500 to $1,860; average, $1,680—						
Nurse	1	1,680	1	1,680	1	1,680
Salary range, $1,320 to $1,680; average, $1,500—						
Day-school inspector	0.5	1,680	0.5	1,680	0.5	1,680
Teacher (junior high)	2	1,620	2	1,620	1.2	1,620
Engineer	3	1,560	3	1,560	3	1,540
Assistant clerk	1	1,500	1	1,500	1	1,500
Salary range, $1,140 to $1,500; average, $1,320—						
Disciplinarian	3	1,400	3	1,400	3	1,380
Teacher	41	1,383	41	1,383	39	1,380
Teacher of home economics	3	1,380	3	1,380	2.6	1,380
Farmer	2	1,380	2	1,380	1.5	1,380
Dairyman	2	1,380	2	1,380	2	1,380
Practical nurse	1	1,380	1	1,380	1	1,380
Stockman	1	1,380	1	1,380	1	1,380
Matron (head)	2	1,350	2	1,350	2	1,350
Carpenter	5	1,345	5	1,345	4	1,335
Junior clerk	3	1,360	3	1,360	3	1,320
Assistant engineer	3	1,320	3	1,320	3	1,320
Assistant clerk	1	1,320	1	1,320	1	1,320
Salary range, $1,020 to $1,260; average, $1,140—						
Cook	1	1,140	1	1,140		
Salary range, $900 to $1,140; average, $1,020—						
Shoe and harness maker	1	1,140	1	1,140	1	1,140
Laborer	8	1,035	8	1,035	8.5	1,038
Baker	3	1,020	3	1,020	3	1,020
Cook	2	1,020	2	1,020	3	1,020
Matron	2	1,020	2	1,020	2	1,020
Salary range, $780 to $1,020; average, $900—						
Seamstress	3	1,040	3	1,040	3	1,020
Assistant matron	3	900	3	900	3	900
Laundress	3	900	3	900	3	900
Salary range, $600 to $780; average, $690—						
Laborer	1	660	1	660	1	660
Assistant	4	660	4	660	4	660
Salary range, $420 to $600; average, $510—						
Housekeeper	25	540	25	540	23	540
Ungraded—						
Physician					1	720
Total average number of employees	139		139		133.6	
Total salaries and wages, field service		170,318.00		170,318.00		162,044.00
Deduct allowance value of quarters, fuel, and light furnished		19,760.00		19,760.00		19,734.00
Cash payment, salaries and wages		150,558.00		150,558.00		142,310.00
Miscellaneous and temporary labor, $8 to $1 per day		500.00		500.00		228.69
01 Total personal services		151,058.00		151,058.00		142,538.69
Supplies and materials:						
0210 Medical supplies		1,500.00		1,500.00		1,370.43
0220 Scientific and educational supplies		3,000.00		3,000.00		2,732.73
0230 Fuel		12,000.00		12,000.00		11,609.39
0240 Wearing apparel and sewing supplies		30,000.00		30,000.00		30,089.18
0250 Forage and other supplies for animals		2,000.00		2,000.00		1,120.97
0260 Provisions		4,000.00		3,500.00		3,488.33
0280 Sundry supplies		3,500.00		2,000.00		3,764.90
02 Total supplies and materials		56,000.00		54,000.00		54,175.93
05 Total communication service		50.00		50.00		15.53
06 Travel expense		1,000.00		1,000.00		683.97
07 Transportation of things		4,000.00		4,000.00		181.47
11 Rents						10.00
12 Repairs and alterations		11,000.00		10,000.00		13,457.13
13 Special and miscellaneous expenses		392.00		392.00		401.50
22 Grants, subsidies, and contributions (tuition)		18,000.00		17,000.00		15,625.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Education, Sioux Nation—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Equipment:			
3000 Passenger-carrying vehicles	$1,000.00	$1,000.00	$1,049.30
3010 Furniture, furnishings, and fixtures	3,500.00	3,000.00	5,361.69
3020 Educational, scientific, and recreational supplies	200.00	500.00	213.89
3040 Livestock	2,000.00	2,000.00	1,801.50
3050 Other equipment	1,800.00	2,000.00	2,573.14
30 Total equipment	8,500.00	8,500.00	10,999.52
32 Structures and parts, and nonstructural improvements to land			25.50
Unobligated balance		246,000.00	238,114.24
Reserve		4,000.00	11,885.76
Total	250,000.00	250,000.00	250,000.00

Public School Tuition, Confederated Utes, Utah (Tribal Funds)—

For aid of the public schools in Uintah and Duchesne County school districts, Utah, $6,000, to be paid from the tribal funds of the Confederated Bands of Ute Indians and to be expended under such rules and regulations as may be prescribed by the Secretary of the Interior: *Provided*, That Indian children shall at all times be admitted to such schools on an entire equality with white children (*acts June 30, 1919, vol. 41, p. 27, sec. 21; Jan. 12, 1927, vol. 44, p. 951*).

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
22 Grants, subsidies, and contributions—tuition	$6,000	$6,000	$5,940
Transferred from trust funds of Indian tribes	6,000	6,000	5,940

Relieving Distress and Prevention, etc., of Diseases Among Indians—

For the relief and care of destitute Indians not otherwise provided for, and for the prevention and treatment of tuberculosis, trachoma, smallpox, and other contagious and infectious diseases, including *not to exceed $2,000 for expenses, except membership fees, of physicians and nurses when officially detailed to attend, in the interest of health work among the Indians, meetings of medical and health associations,* traveling expenses of officers and employees and transportation of patients *and attendants* to and from hospitals and sanatoria, [$948,000] *$1,280,000;* of which sum not less than $80,000 shall be used for the employment of field matrons and field [or public health] nurses, [for furnishing] *including traveling and other necessary expenses,* equipment and supplies, and [renting] *rental of* quarters [for them] when necessary: *Provided,* That this appropriation may be used also for general medical and surgical treatment of Indians, including the maintenance and operation of general hospitals, where no other funds are applicable or available for that purpose: *Provided further,* That not to exceed [$2,000] *$1,000* of the amount herein appropriated may be used for circulars and pamphlets for use in preventing and suppressing trachoma: *Provided further,* That out of the appropriation herein authorized there shall be available for the maintenance of the sanatoria and hospitals hereinafter named, and for incidental and all other expenses for their proper conduct and management, including pay of employees, repairs, equipment, and improvements, not to exceed the following amounts:

Arizona: Indian Oasis Hospital, [including not exceeding $2,500 for ice plant, $13,500] *$12,000;* [Navajo] *Fort Defiance* Sanatorium, [$12,000] *$13,500, for construction and equipment of new tuberculosis building $55,000; in all, $68,500;* Phoenix Sanatorium, [$55,000] *$59,500, including $3,000 for X-ray machine and equipment;* Pima Hospital, [$16,000] *$17,000;* Truxton Canyon [Camp] Hospital, [$6,000] *$7,000; Western Navajo Hospital, $16,500;*

California: Hoopa Valley Hospital, [$12,000] *$21,000;*

Idaho: Fort Lapwai Sanatorium, [$60,000] *$71,500; for improvement to water system, $12,000; enlargement of septic tank, repair of heating plant, sewer system, and roads, and purchase of new boilers, $3,000; for dining hall and kitchen, including equipment, $40,000; in all, $131,500;* Fort Hall Hospital, $10,000;

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Relieving Distress and Prevention, etc., of Diseases Among Indians—Continued.		
Iowa: Sac and Fox Sanatorium, [$50,000] *$53,000, including $3,000 for X-ray machine and equipment; for new steel tank and tower, $4,500; for enlarging main building to provide employees' dining room, storage room and assembly hall, $15,000; in all, $72,500;*		
Mississippi: Choctaw Hospital, $12,000;		
Montana: Blackfeet Hospital, [$17,500] *$19,000;* Fort Peck Hospital, [$15,000] *$20,500, including $1,500 for X-ray machine and equipment;*		
Nebraska: Winnebago Hospital, [$22,000] *$36,500, including addition for tuberculosis patients, and purchase of X-ray machine and equipment;*		
Nevada: Carson Hospital, [$14,000] *$15,500;* Pyramid Lake Sanatorium, [$24,000] *$28,500, including $3,000 for X-ray machine and equipment;*		
New Mexico: Jicarilla Hospital, $11,000; *Jicarilla Sanatorium, $33,000, including $1,500 for X-ray machine and equipment;* Laguna Sanatorium, [$25,000] *$28,000, including $1,500 for X-ray machine and equipment;* Mescalero Hospital, [$12,000] *$15,000, including $1,500 for X-ray machine and equipment;*		
North Dakota: Turtle Mountain Hospital, [$11,000] *$12,500;*		
Oklahoma: Cheyenne and Arapahoe Hospital, [$11,000] *$12,500;* Choctaw and Chickasaw Hospital, [$40,000] *$43,000, imcluding $3,000 for X-ray machine and equipment;* Shawnee Sanatorium, [$42,000] *$45,000, including, $1,500 for X-ray machine and equipment; for relaying sewer line, construction of sewerage disposal, development of water supply, and improvements to grounds, $10,000, for reconstructian of employes' quarters, including heating equipment, $10,000; in all, $65,000;*		
South Dakota: Crow Creek Hospital, [$7,500] *$9,000;*		
Washington: Spokane Hospital, [$15,000] *$16,500;* *Yakima Sanatorium, $43,000, including $3,000 for X-Ray machine and equipment;*		
In all, hospitals specifically named, [$513,500] *$836,000;*		
Provided further, That this appropriation shall be available for construction of hospitals and sanatoria, including equipment, as follows: [For Western Navajo Hospital, Arizona, $30,000; Yakima Sanatorium, Washington, $60,000, in all, $90,000] *Soboba Hospital, California, $30,000; Fort Berthold Hospital, North Dakota, $20,000; in all, $50,000 (U. S. C., p. 690, sec. 13; act Jan. 14, 1927, vol. 44, p. 951)*	$1,280,000.00	$948,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
GENERAL						
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $3,800 to $5,000; average, $4,400—						
Medical director	1	$4,000	1	$4,000	1	$4,000
Salary range, $2,700 to $3,300; average, $3,000—						
Special physician	13	3,046	13	3,046	8	3,000
Salary range, $2,400 to $3,000; average, $2,700—						
Physician	5	2,700	2	2,700	1.1	2,700
Superintendent			0.5	2,700	0.5	2,700
Salary range, $2,100 to $2,700; average, $2,400—						
Supervisor of field matrons and field nurses	1	2,400	1	2,400	1	2,400
Physician	10.5	2,400	4.5	2,400	2.8	2,400
Salary range, $1,860 to $2,400; average, $2,100—						
Physician			0.5	2,100	2.5	2,100
Salary range, $1,680 to $2,040; average, $1,860—						
Dentist (special)	10	1,860	7	1,860	7	1,860
Salary range, $1,500 to $1,860; average, $1,680—						
Field nurse	20	1,680	16	1,680	8.4	1,680
Nurse	10	1,680	3	1,680	4.1	1,680
Salary range, $1,320 to $1,680; average, $1,500—						
Nurse	18	1,505	18	1,505	11	1,500
Clerk	1	1,500	1	1,500	0.5	1,500
Engineer	0.5	1,500	0.5	1,500		
Salary range, $1,140 to $1,500; average, $1,320—						
Field matron	1	1,680	1	1,680		
Field and outing matron	1	1,410	1	1,410		
Field matron	31	1,392	31	1,392		
Teacher of home economics	0.5	1,380	0.5	1,380		
Carpenter	0.5	1,380	0.5	1,380		
Dairyman	0.5	1,380	0.5	1,380		
Salary range, $1,020 to $1,260; average, $1,140—						
Matron	0.5	1,140	0.5	1,140		
Salary range, $900 to $1,140; average, $1,020—						
Cook	3.5	1,037	3.5	1,037	2	1,020
Matron	2	1,020	2	1,020	1	1,020
Disciplinarian	0.5	1,020	0.5	1,020		
Laborer	1.5	1,020	1.5	1,020	1	1,020
Salary range, $780 to $1,020; average, $900—						
Seamtress	0.5	1,020	0.5	1,020		
Laborer	1	900	1	900	1	900
Assistant matron	0.5	900	0.5	900	0.5	900
Laundress	0.5	900	0.5	900	0.5	900
Salary range, $600 to $780; average, $690—						
Assistant	2	660	2	660	2	660

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Relieving Distress and Prevention, etc., of Diseases Among Indians—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	GENERAL—continued			
	Field service—Continued.			
	Salaries and wages—Continued.	*Average—*	*Average—*	*Average—*
	Salary range, $420 to $600; average, $510—	*No.* *Salary*	*No.* *Salary*	*No.* *Salary*
	Field matron	3 $540	3 $540	
	Ungraded—			
	Physician	16 688	16 688	11.7 $678
	Total average number of employees	156	134	67.6
	Total salaries and wages, field service	245,712.00	209,742.00	118,510.40
	The difference between 1929 and 1928 is due to increase in force, $35,970.			
	Deduct allowance value of quarter, fuel, and light furnished	17,940.00	13,740.00	6,860.00
	Cash payment, salaries and wages	227,772.00	196,002.00	111,650.40
	Miscellaneous and temporary labor, $8 to $1 per day	1,000.00	3,000.00	
01	Total personal services	228,772.00	199,002.00	111,650.40
	Supplies and materials:			
0200	Stationery and office supplies	150.00	150.00	106.93
0210	Medical supplies	25,000.00	15,000.00	11,307.08
0220	Scientific and educational supplies	1,000.00	1,000.00	24.25
0230	Fuel	3,000.00	3,000.00	2,504.78
0240	Wearing apparel and sewing supplies	1,000.00	1,000.00	849.72
0260	Provisions	40,000.00	37,000.00	33,160.01
0280	Sundry supplies	6,000.00	4,450.00	558.48
02	Total supplies and materials	76,150.00	61,600.00	48,511.25
	Communication service:			
0500	Telegraph service	10.00	10.00	5.11
0510	Telephone service	110.00	110.00	90.07
0520	Other communication service	15.00	5.00	1.50
05	Total communication service	125.00	125.00	96.68
	Travel expenses:			
0600	Commercial transportation	17,500.00	15,000.00	12,144.05
0630	Per diem in lieu of subsistence	25,500.00	22,000.00	17,159.00
06	Total travel expenses	43,000.00	37,000.00	29,303.05
07	Transportation of things	3,000.00	2,000.00	2,024.59
10	Furnishing of heat, light, power, water, and electricity	500.00	500.00	174.28
	Rents:			
1100	Rent of buildings and structures	650.00	650.00	620.00
1110	Other rents	50.00	50.00	11.25
11	Total rents	700.00	700.00	631.25
12	Repairs and alterations	6,000.00	5,000.00	3,536.43
13	Special and miscellaneous expenses	13,253.00	10,072.00	10,263.27
22	Grants, subsidies, and contributions	2,500.00	2,500.00	1,653.45
	Equipment:			
3000	Passenger-carrying vehicles	3,000.00	2,000.00	1,933.99
3010	Furniture, furnishings, and fixtures	9,000.00	6,000.00	3,362.72
3020	Educational, scientific, and recreational supplies	3,000.00	3,000.00	571.00
3050	Other equipment	15,000.00	15,000.00	775.71
30	Total equipment	30,000.00	26,000.00	6,643.42
32	Structures and parts, and nonstructural improvements to land	40,000.00	85,000.00	1,475.77
			429,500.00	225,963.84
	Unobligated balance			1,626.16
	Reserve		5,000.00	
	Total	444,000.00	434,500.00	227,590.00
	INDIAN OASIS HOSPITAL			
	Field service:			
	Salaries and wages—			
	Salary range, $1,500 to $1,860; average, $1,680—			
	Nurse	1 1,680	1 1,680	1 1,680
	Salary range, $900 to $1,140; average, $1,020—			
	Cook	1 1,020	1 1,020	1 1,020
	Matron	1 1,020	1 1,020	1 1,020
	Laborer	1 1,020	1 1,020	1 1,020

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Relieving Distress and Prevention, etc., of Diseases Among Indians—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
INDIAN OASIS HOSPITAL—continued			
Field service—Continued.			
Salaries and wages—Continued.	*Average—*	*Average—*	*Average—*
Salary range, $600 to $780; average, $690—	*No.* *Salary*	*No.* *Salary*	*No.* *Salary*
Assistant	2 $675	2 $675	2 $660
Total average number of employees	6	6	6
Total salaries and wages, field service	6,090.00	6,090.00	6,060.00
Deduct allowance value of subsistence, quarters, fuel, and light furnished	1,220.00	1,220.00	1,220.00
Cash payment, salaries and wages	4,870.00	4,870.00	4,840.00
Miscellaneous and temporary labor $8 to $1 per day	500.00	500.00	638.50
01 Total salaries and wages	5,370.00	5,370.00	5,478.50
Supplies and materials:			
0210 Medical supplies	600.00	550.00	497.52
0230 Fuel	700.00	800.00	788.87
0240 Wearing apparel and sewing supplies	100.00	100.00	37.02
0250 Forage and other supplies for animals	250.00	250.00	256.50
0260 Provisions	2,800.00	2,500.00	2,650.05
0280 Sundry supplies	300.00	200.00	437.78
02 Total supplies and materials	4,750.00	4,400.00	4,667.74
06 Travel expense	200.00	200.00	204.04
07 Transportation of things	100.00	100.00	134.02
12 Repairs and alterations	1,150.00	800.00	819.09
13 Special and miscellaneous expenses	80.00	30.00	20.41
Equipment:			
3010 Furniture, furnishings, and fixtures	200.00	100.00	374.10
3020 Educational, scientific, and recreational supplies	50.00		66.25
3050 Other equipment	100.00		
30 Total equipment	350.00	100.00	440.35
32 Structures and parts, and nonstructural improvements to land		2,500.00	
		13,500.00	11,764.15
Unobligated balance			55.85
Total	12,000.00	13,500.00	11,820.00
FORT DEFIANCE SANATORIUM			
Field service:			
Salaries and wages—			
Salary range, $1,500 to $1,860; average, $1,680—			
Nurse	2 1,710	1 1,740	1 1,680
Salary range, $900 to $1,140; average, $1,020—			
Cook	1 1,020	1 1,020	1 1,020
Laborer	1 1,020	1 1,020	1 1,020
Salary range, $600 to $780; average, $690—			
Assistant	1 660	1 660	1 660
Total average number of employees	5	4	4
Total salaries and wages, field service	6,120.00	4,440.00	4,380.00
The difference between 1929 and 1928 is due to increase in force, $1,680.			
Deduct allowance value of subsistence, quarters, fuel and light furnished	1,260.00	900.00	923.00
Cash payment, salaries and wages	4,860.00	3,540.00	3,457.00
Miscellaneous and temporary labor, $8 to $1 per day	1,000.00	1,000.00	1,050.03
01 Total personal services	5,860.00	4,540.00	4,507.03
Supplies and materials:			
0210 Medical supplies	800.00	800.00	693.03
0230 Fuel	800.00	800.00	794.35
0240 Wearing apparel and sewing supplies	600.00	800.00	30.76
0260 Provisions	3,000.00	3,000.00	2,604.03
0280 Sundry supplies	500.00	400.00	183.40
02 Total supplies and materials	5,700.00	5,800.00	4,305.57
06 Travel expenses	50.00	50.00	23.04
07 Transportation of things	3,000.00	1,000.00	1,740.78
12 Repairs and alterations	450.00	250.00	292.92
13 Special and miscellaneous expenses	40.00	60.00	10.00
Equipment:			
3010 Furniture, furnishings, and fixtures	4,200.00	200.00	343.28
3050 Other equipment	2,200.00	100.00	
30 Total equipment	6,400.00	300.00	343.28
32 Structures and parts, and nonstructural improvements to land	47,000.00		
		12,000.00	11,222.62
Unobligated balance			697.38
Total	68,500.00	12,000.00	11,920.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Relieving Distress and Prevention, etc., of Diseases Among Indians—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
PHOENIX, EAST FARM SANATORIUM						
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
Salary range, $2,700 to $3,300; average, $3,000—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Physician	0.9	$3,000	0.9	$3,000		
Salary range, $2,400 to $3,000; average, $2,700—						
Physician	0.1	2,700	0.1	2,700	1	$2,700
Salary range, $1,500 to $1,860; average, $1,680—						
Nurse	5	1,680	4	1,680	3.2	1,680
Salary range, $1,320 to $1,680; average, $1,500—						
Engineer	1	1,500	1	1,500	1	1,500
Salary range, $1,140 to $1,500; average, $1,320—						
Junior clerk	1.3	1,320	1.3	1,320	1	1,320
Cook	1	1,320	1	1,320		
Salary range, $1,020 to $1,260; average, $1,140—						
Gardener	1	1,320	1	1,320	1	1,320
Salary range, $900 to $1,140; average, $1,020—						
Laborer	2	1,080	2	1,080	2	1,080
Cook	1	1,020	1	1,020	2	1,080
Salary range, $780 to $1,020; average, $900—						
Matron	1	1,140	1	1,140	1	1,140
Seamstress	1	1,080	1	1,080	1	1,080
Laundress	1	1,020	1	1,020	1	1,020
Laborer	5	900	5	900	1	900
Salary range, $600 to $780; average, $690—						
Assistant	5	660	5	660	9	660
Total average number of employees	26.3		25.3		24.2	
Total salaries and wages, field service		31,446.00		29,766.00		26,616.00
The difference between 1929 and 1928 is due to increase in force, $1,680.						
Deduct allowance value of subsistence, quarters, fuel, and light		6,574.00		6,214.00		5,419.00
Cash payment, salaries and wages		24,872.00		23,552.00		21,197.00
Miscellaneous and temporary labor, $8 to $1 per day		2,000.00		2,000.00		2,760.63
01 Total personal services		26,872.00		25,552.00		23,957.63
Supplies and materials:						
0210 Medical supplies		900.00		900.00		713.10
0220 Scientific and educational supplies		100.00		200.00		126.16
0230 Fuel		1,600.00		1,600.00		1,375.02
0240 Wearing apparel and sewing supplies		1,200.00		1,000.00		915.49
0260 Provisions		14,500.00		14,000.00		13,133.53
0280 Sundry supplies		1,000.00		1,500.00		928.76
02 Total supplies and materials		19,300.00		19,200.00		17,192.06
Communication service:						
0500 Telegraph service		10.00		10.00		5.63
0510 Telephone service		100.00		100.00		104.37
05 Total communication service		110.00		110.00		110.00
06 Travel expense		500.00		500.00		339.05
07 Transportation of things		500.00		500.00		332.22
10 Furnishing of heat, light, power, water, and electricity		2,000.00		2,000.00		1,974.02
12 Repairs and alterations		6,000.00		5,000.00		6,094.47
13 Special and miscellaneous expenses		218.00		138.00		476.25
22 Grants, subsidies, and contributions		500.00		500.00		500.00
Equipment:						
3010 Furniture, furnishings, and fixtures		300.00		500.00		892.94
3050 Other equipment		3,200.00		1,000.00		1,774.99
30 Total equipment		3,500.00		1,500.00		2,667.93
32 Structures and parts and nonstructural improvements to land						1,211.28
				55,000.00		54,854.91
Unobligated balance						145.09
Total		59,500.00		55,000.00		55,000.00
PIMA HOSPITAL						
Field service:						
Salaries and wages—						
Salary range, $2,400 to $3,000; average, $2,700—						
Physician	0.5	2,700	0.5	2,700	0.5	2,700
Salary range, $1,500 to $1,860; average, $1,680—						
Nurse	1	1,680	1	1,680	1	1,680
Salary range, $1,140 to $1,500; average, $1,320—						
Dairyman	0.5	1,380	0.5	1,380	0.5	1,380
Salary range, $1,020 to $1,260; average, $1,140—						
Cook	1	1,140	1	1,140		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Relieving Distress and Prevention, etc., of Diseases Among Indians—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	PIMA HOSPITAL—continued			
	Field service—Continued.			
	Salaries and wages—Continued.	*Average—*	*Average—*	*Average—*
	Salary range, $900 to $1,140; average, $1,020—	*No.* *Salary*	*No.* *Salary*	*No.* *Salary*
	Matron	1 $1,020	1 $1,020	1 $1,020
	Laborer	1 1,020	1 1,020	1 1,020
	Cook			1 1,020
	Total average number of employees	5	5	5
	Total salaries and wages, field service	6,900.00	6,900.00	6,780.00
	Deduct allowance value of subsistence, quarters, fuel, and light furnished	1,290.00	1,290.00	1,231.50
	Cash payment, salaries and wages	5,610.00	5,610.00	5,548.50
	Miscellaneous and temporary labor, $8 to $1 per day	200.00	200.00	245.46
01	Total personal services	5,810.00	5,810.00	5,793.96
	Supplies and materials:			
0210	Medical supplies	900.00	800.00	559.38
0230	Fuel	850.00	800.00	744.00
0240	Wearing apparel and sewing supplies	150.00	150.00	54.92
0260	Provisions	4,300.00	4,000.00	3,294.11
0280	Sundry supplies	300.00	250.00	141.68
02	Total supplies and materials	6,500.00	6,000.00	4,794.09
06	Travel expense			5.00
07	Transportation of things	250.00	250.00	175.93
10	Furnishing of heat, light, power, water, and electricity	400.00	400.00	34.29
12	Repairs and alterations	2,500.00	2,000.00	1,748.84
13	Special and miscellaneous expenses	40.00	40.00	30.00
	Equipment:			
3010	Furniture, furnishings, and fixtures	400.00	500.00	781.91
3020	Educational, scientific, and recreational supplies	200.00	200.00	336.48
3050	Other equipment	900.00	800.00	2,019.68
30	Total equipment	1,500.00	1,500.00	3,138.07
32	Structures and parts and nonstructural improvements to land			274.95
			16,000.00	15,995.13
	Unobligated balance			4.87
	Total	17,000.00	16,000.00	16,000.00
	TRUXTON CANYON HOSPITAL			
01	Total personal services (irregular labor)	2,000.00	1,200.00	642.20
	Supplies and materials:			
0210	Medical supplies	800.00	700.00	569.53
0230	Fuel	400.00	400.00	387.88
0240	Wearing apparel and sewing supplies	150.00	100.00	71.02
0250	Forage and other supplies for animals	150.00	200.00	168.64
0260	Provisions	1,000.00	1,000.00	407.13
0280	Sundry supplies	300.00	200.00	108.12
02	Total supplies and materials	2,800.00	2,600.00	1,712.32
06	Travel expense	50.00	50.00	25.00
07	Transportation of things	50.00	50.00	9.36
12	Repairs and alterations	900.00	900.00	855.25
13	Special and miscellaneous expenses			22.50
22	Grants, subsidies, and contributions	200.00	200.00	60.00
	Equipment:			
3010	Furniture, furnishings, and fixtures	500.00	500.00	627.26
3020	Educational, scientific, and recreational supplies	200.00	300.00	910.68
3050	Other equipment	300.00	200.00	82.00
30	Total equipment	1,000.00	1,000.00	1,619.94
			6,000.00	4,946.57
	Unobligated balance			1,053.43
	Total	7,000.00	6,000.00	6,000.00
	WESTERN NAVAJO SANATORIUM			
	Field service:			
	Salaries and wages—			
	Salary range, $1,500 to $1,860; average, $1,680—			
	Nurse	2 1,680		
	Salary range, $900 to $1,140; average, $1,020—			
	Cook	1 1,020		
	Laborer	1 1,020		
	Laborer	1 900		
	Laundress	1 900		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

Relieving Distress and Prevention, etc., of Diseases Among Indians—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
WESTERN NAVAJO SANATORIUM—continued					
Field service—Continued.					
Salaries and wages—Continued.	*Average—*	*Average—*	*Average—*		
Salary range, $600 to $780; average, $690—	*No.* *Salary*	*No.* *Salary*	*No.* *Salary*		
Assistant	1 $690				
Total average number of employees	7				
Total salaries and wages, field service	7,890.00				
The difference between 1929 and 1928 is due to increase in force (new hospital $7,890).					
Deduct allowance value of quarters, fuel, and light furnished	900.00				
01 Total personal services	6,990.00				
Supplies and materials:					
0210 Medical supplies	1,000.00				
0220 Scientific and educational supplies	200.00				
0230 Fuel	350 00				
0240 Wearing apparel and sewing supplies	250.00				
0260 Provisions	3,000 00				
0280 Sundry supplies	500.00				
02 Total supplies and materials	5,300.00				
05 Communication service	75.00				
06 Travel expense	200.00				
07 Transportation of things	100.00				
12 Repairs and alterations	800.00				
13 Special and miscellaneous expenses	35.00				
Equipment:					
3010 Furniture, furnishings, and fixtures	1,000.00	$4,500.00			
3020 Educational, scientific, and recreational supplies	700.00				
3050 Other equipment	1,300.00	1,500.00			
30 Total equipment	3,000.00	6,000.00			
32 Structures and parts, and nonstructural improvements to land		24,000.00			
Total	16,500.00	30,000.00			
HOOPA VALLEY HOSPITAL					
Field service:					
Salaries and wages—					
Salary range, $2,400 to $3,000; average, $2,700—					
Physician	0.8 2,700	0.8 2,700	0.3 $2,700		
Salary range, $2,100 to $2,700; average, $2,400—					
Physician			0.3 2,400		
Salary range, $1,500 to $1,860; average, $1,680—					
Nurse	2 1,710	1 1,740	1 1,680		
Salary range, $900 to $1,140; average, $1,020—					
Cook	1 1,020	1 1,020	1 1,020		
Laborer	1 1,020	1 1,020	1 1,020		
Salary range, $780 to $1,020; average, $900—					
Laborer	1 960	1 960	1 900		
Laundress	1 900	1 900	1 900		
Total average number of employees	6.8	5.8	5.6		
Total salaries and wages, field service	9,480.00	7,800.00	7,050.00		
The difference between 1929 and 1928 is due to increase in force, $1,680.					
Deduct allowance value of quarters, subsistence, fuel, and light furnished	1,980.00	1,620.00	1,560.00		
Cash payment, salaries and wages	7,500.00	6,180.00	5,490.00		
Miscellaneous and temporary labor, $8 to $1 per day	500.00	400.00	313.16		
01 Total personal services	8,000.00	6,580.00	5,803.16		
Supplies and materials:					
0210 Medical supplies	700.00	600.00	520.68		
0230 Fuel	900.00	900.00	854.78		
0240 Wearing apparel and sewing supplies	100.00	100.00	65.36		
0250 Forage and other supplies for animals	200.00	250.00	219.92		
0260 Provisions	2,000.00	2,000.00	1,742.74		
0280 Sundry supplies	100.00	100.00	145.51		
02 Total supplies and materials	4,000.00	3,950.00	3,548.99		
06 Travel expense	50.00	50.00	57.65		
07 Transportation of things	900.00	400.00	350.97		
11 Rents	25.00	25.00	16.50		
12 Repairs and alterations	400.00	500.00	845.51		
13 Special and miscellaneous expenses	25.00	95.00	89.50		
22 Grants, subsidies, and contributions			26.55		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Relieving Distress and Prevention, etc., of Diseases Among Indians—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
HOOPA VALLEY HOSPITAL—continued			
Equipment:			
3010 Furniture, furnishings, and fixtures	$200.00	$100.00	$253.68
3050 Other equipment	100.00	300.00	549.12
30 Total equipment	300.00	400.00	802.80
32 Structures and parts, and nonstructural improvements to land	7,300.00		
		12,000.00	11,541.63
Unobligated balance			478.37
Total	21,000.00	12,000.00	12,020.00
FORT LAPWAI SANATORIUM			
Field service:			
Salaries and wages—	*Average—*	*Average—*	*Average—*
	No. *Salary*	*No.* *Salary*	*No.* *Salary*
Salary range, $2,700 to $3,300; average, $3,000—			
Physician	1 $3,000	1 $3,000	
Salary range, $2,400 to $3,000; average, $2,700—			
Physician			1 $2,700
Salary range, $2,100 to $2,700; average, $2,400—			
Assistant superintendent	0.5 2,400	0.5 2,400	0.5 2,400
Salary range, $1,500 to $1,860; average, $1,680—			
Nurse	3 1,680	2 1,680	1.9 1,680
Salary range, $1,320 to $1,680; average, $1,500—			
Farmer	1 1,620	1 1,620	1 1,560
Assistant clerk	1 1,500	1 1,500	0.9 1,500
Engineer	1 1,500	1 1,500	1 1,500
Salary range, $900 to $1,140; average, $1,020—			
Laborer	5 1,032	5 1,032	4.9 1,020
Matron	2 1,020	2 1,020	2 1,020
Cook	1 1,020	1 1,020	1 1,020
Salary range, $780 to $1,020; average, $900—			
Seamstress	1 1,020	1 1,020	0.9 1,020
Laundress	1 960	1 960	1 960
Laborer	1 900	1 900	1 900
Salary range, $600 to $780; average, $690—			
Assistant	3 660	3 660	3 660
Total average number of employees	21.5	20.5	20.1
Total salaries and wages, field service	26,940.00	25,260.00	24,378.00
The difference between 1929 and 1928 is due to increase in force, $1,680.			
Deduct allowance value of subsistence, quarters, fuel, and light furnished	3,670.00	3,310.00	3,243.00
Cash payment, salaries and wages	23,270.00	21,950.00	21,135.00
Miscellaneous and temporary labor, $8 to $1 per day	4,000.00	3,800.00	9,322.50
01 Total personal services	27,270.00	25,750.00	30,457.50
Supplies and materials:			
0200 Stationery and office supplies			16.53
0210 Medical supplies	1,200.00	800.00	725.43
0220 Scientific and educational supplies	500.00	300.00	206.75
0230 Fuel	5,000.00	4,500.00	3,832.42
0240 Wearing apparel and sewing supplies	3,500.00	3,500.00	1,639.11
0250 Forage and other supplies for animals	1,200.00	1,000.00	1,094.24
0260 Provisions	10,000.00	10,000.00	4,102.41
0280 Sundry supplies	4,000.00	3,500.00	1,368.22
02 Total supplies and materials	25,400.00	23,600.00	12,985.11
Communication service:			
0500 Telegraph service	10.00	10.00	18.37
0510 Telephone service	90.00	90.00	65.29
05 Total communication service	100.00	100.00	83.66
06 Travel expense	500.00	500.00	353.65
07 Transportation of things	1,000.00	300.00	83.10
10 Furnishing of heat, light, power, water, and electricity	2,500.00	2,500.00	2,171.89
11 Rents	500.00	500.00	514.00
12 Repairs and alterations	21,000.00	5,000.00	4,391.75
13 Special and miscellaneous expenses	430.00	150.00	66.00
22 Grants, subsidies, and contributions	500.00	300.00	160.00
Equipment:			
3000 Passenger-carrying vehicles			675.00
3010 Furniture, furnishings, and fixtures	5,000.00	4,000.00	4,383.22
3020 Educational, scientific, and recreational supplies	3,000.00	2,000.00	3,399.07
3040 Livestock	300.00	300.00	350.00
3050 Other equipment	3,000.00	2,000.00	1,022.91
30 Total equipment	11,300.00	8,300.00	9,830.20
32 Structures and parts, and nonstructural improvements to land	47,000.00		
	137,500.00	67,000.00	61,096.86
Less Indian moneys, proceeds of labor	6,000.00	7,000.00	5,096.86
Total	131,500.00	60,000.00	56,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Relieving Distress and Prevention, etc., of Diseases Among Indians—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
FORT HALL HOSPITAL						
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $1,500 to $1,860; average, $1,680—						
Nurse	1	$1,680	1	$1,680	1	$1,680
Salary range, $900 to $1,140; average, $1,020—						
Matron	1	1,020	1	1,020	1	1,020
Salary range, $780 to $1,020; average, $900—						
Cook	1	900	1	900	1	900
Total average number of employees	3		3		3	
Total salaries and wages, field service		3,600.00		3,600.00		3,600.00
Deduct allowance value of subsistence, quarters, fuel, and light furnished		785.00		785.00		785.00
Cash payment, salaries and wages		2,815.00		2,815.00		2,815.00
Miscellaneous and temporary labor, $8 to $1 per day		500.00		500.00		414.67
01 Total personal services		3,315.00		3,315.00		3,229.67
Supplies and materials:						
0210 Medical supplies		1,000.00		800.00		227.99
0220 Scientific and educational supplies		200.00		300.00		
0230 Fuel		300.00		300.00		178.44
0240 Wearing apparel and sewing supplies		250.00		200.00		85.87
0260 Provisions		2,500.00		2,000.00		1,268.40
0280 Sundry supplies		500.00		500.00		141.56
02 Total supplies and materials		4,750.00		4,100.00		1,902.26
07 Transportation of things		100.00		100.00		
10 Furnishing of heat, light, power, water, and electricity		150.00		150.00		143.18
12 Repairs and alterations		650.00		800.00		96.23
13 Special and miscellaneous expenses		35.00		35.00		
Equipment:						
3010 Furniture, furnishings, and fixtures		800.00		1,000.00		1,121.57
3050 Other equipment		200.00		500.00		
30 Total equipment		1,000.00		1,500.00		1,121.57
Unobligated balance				10,000.00		6,492.91
						5,507.09
Total		10,000.00		10,000.00		12,000.00
SAC AND FOX SANATORIUM						
Field service:						
Salaries and wages—						
Salary range, $3,000 to $3,600; average, $3,300—						
Superintendent and physician	0.7	3,600	0.7	3,600	0.7	3,600
Salary range, $1,680 to $2,040; average, $1,860—						
Financial clerk	1	2,000	1	2,000	1	1,920
Salary range, $1,500 to $1,860; average, $1,680—						
Nurse	3	1,700	3	1,700	3	1,680
Salary range, $1,320 to $1,680; average, $1,500—						
Engineer	1	1,560	1	1,560	1	1,500
Salary range, $1,140 to $1,500 average, $1,320—						
Farmer					0.4	1,380
Dairyman	1	1,380	1	1,380	1	1,380
Carpenter	1	1,320	1	1,320	1	1,320
Junior clerk	0.5	1,320	0.5	1,320	0.5	1,320
Salary range, $900 to $1,140; average, $1,020—						
Cook	1	1,020	1	1,020	1	1,020
Matron	2	1,020	2	1,020	2	1,020
Salary range, $780 to $1,020; average, $900—						
Seamstress	1	1,020	1	1,020		
Laundress	1	900	1	900	1	900
Laborer	1	900	1	900	1	900
Total average number of employees	14.2		14.2		13.6	
Total salaries and wages, field service		20,420.00		20,420.00		19,752.00
Deduct allowance value of subsistence, quarters, fuel, and light furnished		4,800.00		4,800.00		5,147.00
Cash payment, salaries and wages		15,620.00		15,620.00		14,605.00
Miscellaneous and temporary labor, $8 to $1 per day		4,000.00		4,000.00		7,434.24
01 Total personal services		19,620.00		19,620.00		22,039.24
Supplies and materials:						
0210 Medical supplies		1,200.00		1,000.00		669.85
0220 Scientific and educational supplies		600.00		500.00		140.86
0230 Fuel		2,200.00		2,000.00		1,379.38
0240 Wearing apparel and sewing supplies		3,800.00		3,500.00		2,847.73
0250 Forage and other supplies for animals		3,000.00		3,000.00		2,406.10
0260 Provisions		9,500.00		9,500.00		7,560.12
0280 Sundry supplies		1,000.00		2,100.00		1,288.06
02 Total supplies and materials		21,300.00		21,600.00		16,292.10

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Relieving Distress and Prevention, etc., of Diseases Among Indians—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
SAC AND FOX SANATORIUM—continued			
Communication service:			
0500 Telegraph service	$50.00	$50.00	$66.32
0510 Telephone service	200.00	200.00	172.99
0520 Other communication service			1.65
05 Total communication service	250.00	250.00	240.96
06 Travel expense	1,200.00	1,200.00	1,134.42
07 Transportation of things	2,000.00	900.00	778.27
10 Furnishing of heat, light, power, water, and electricity	1,800.00	1,800.00	1,718.30
11 Rents	400.00	400.00	322.50
12 Repairs and alterations	6,000.00	7,000.00	5,861.03
13 Special and miscellaneous expenses	180.00	180.00	36.00
22 Grants, subsidies, and contributions	250.00	250.00	97.50
Equipment:			
3010 Furniture, furnishings, and fixtures	2,000.00	2,500.00	2,088.47
3020 Educational, scientific, and recreational supplies	500.00	200.00	
3040 Livestock			37.50
3050 Other equipment	9,000.00	1,100.00	356.68
30 Total equipment	11,500.00	3,800.00	2,482.65
32 Structures and parts, and nonstructural improvements to land	14,000.00		
		57,000.00	51,002.97
Unobligated balance			604.08
	78,500.00	57,000.00	50,000.00
Less Indian moneys, proceeds of labor	6,000.00	7,000.00	1,607.05
Total	72,500.00	50,000.00	49,395.92
CHOCTAW HOSPITAL			
Field service:			
Salaries and wages—	*Average—*	*Average—*	*Average—*
	No. *Salary*	*No.* *Salary*	*No.* *Salary*
Salary range, $1,500 to $1,860; average, $1,680— Nurse	1 $1,680	0.5 $1,680	
Salary range, $900 to $1,140; average, $1,020— Cook	1 1,020	0.5 1,020	
Salary range, $780 to $1,020; average, $900— Laborer	1 900	0.5 900	
Laundress	1 900	0.5 900	
Salary range, $600 to $780; average, $690— Assistant	1 660	0.5 660	
Total average number of employees	5	2.5	
Total salaries and wages, field service	5,140	2,570	
The difference between 1929 and 1928 is due to opening of new hospital, employees on duty only half of year, $2,570.			
Deduct allowance value of quarters, fuel, and light furnished	600	300	
Cash payment, salaries and wages	4,540	2,270	
Miscellaneous and temporary labor, $8 to $1 per day	260	260	
01 Total personal services	4,800	2,530	
Supplies and materials:			
0210 Medical supplies	1,000.00	1,000.00	
0220 Scientific and educational supplies	200.00	200.00	
0230 Fuel	400.00	400.00	
0240 Wearing apparel and sewing supplies	300.00	300.00	
0260 Provisions	2,500.00	2,500.00	
0280 Sundry supplies	1,000.00	1,000.00	
02 Total supplies and materials	5,400.00	5,400.00	
05 Communication service	50.00	50.00	
06 Travel expense	200.00	200.00	
07 Transportation of things	250.00	250.00	
Equipment:			
3010 Furniture, furnishings, and fixtures	500.00	1,000.00	
3050 Other equipment	800.00	2,570.00	
30 Total equipment	1,300.00	3,570.00	
32 Structures and parts, and nonstructural improvements to land			$14,850.00
		12,000.00	14,850.00
Unobligated balance			150.00
Total	12,000.00	12,000.00	15,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

Relieving Distress and Prevention, etc., of Diseases Among Indians—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
BLACKFEET HOSPITAL					
Field service:					
Salaries and wages—	*Average—*	*Average—*	*Average—*		
	No. *Salary*	*No.* *Salary*	*No.* *Salary*		
Salary range, $2,100 to $2,700; average, $2,400—					
Physician	0.5 $2,400	0.5 $2,400	0.5 $2,400		
Salary range, $1,500 to $1,860; average, $1,680—					
Nurse	2 1,680	1 1,680	1 1,680		
Salary range, $900 to $1,140; average, $1,020—					
Laborer	1 1,080	1 1,080	1 1,080		
Cook	1 1,020	1 1,020	1 1,020		
Salary range, $780 to $1,020; average, $900—					
Laundress	1 900	1 900	1 900		
Laborer	2 900	2 900	2 900		
Total average number of employees	7.5	6.5	6.5		
Total salaries and wages, field service	9,360.00	7,680.00	7,680.00		
The difference between 1929 and 1928 is due to increase in force, $1,680.					
Deduct allowance value of subsistence, quarters, fuel, and light furnished	2,045.00	1,865.00	1,865.00		
Cash payment, salaries and wages	7,315.00	5,815.00	5,815.00		
Miscellaneous and temporary labor, $8 to $1 per day	300.00	500.00	290.68		
01 Total personal services	7,615.00	6,315.00	6,105.68		
Supplies and materials:					
0210 Medical supplies	1,000.00	1,000.00	851.55		
0230 Fuel	1,000.00	1,000.00	890.30		
0240 Wearing apparel and sewing supplies	1,100.00	1,000.00	890.83		
0250 Forage and other supplies for animals	200.00	200.00	168.74		
0260 Provisions	5,700.00	5,500.00	5,351.42		
0280 Sundry supplies	200.00	300.00	305.95		
02 Total supplies and materials	9,200.00	9,000.00	8,458.79		
07 Transportation of things	150.00	150.00	132.96		
12 Repairs and alterations	1,200.00	1,300.00	938.50		
Equipment:					
3010 Furniture, furnishings, and fixtures	500.00	450.00	648.75		
3020 Educational, scientific, and recreational supplies	100.00	150.00	1,278.00		
3050 Other equipment	235.00	135.00	185.38		
30 Total equipment	835.00	735.00	2,112.13		
		17,500.00	17,748.06		
Unobligated balance			11.94		
Total	19,000.00	17,500.00	17,760.00		
FORT PECK HOSPITAL					
Field service:					
Salaries and wages—					
Salary range, $1,500 to $1,860; average, $1,680—					
Nurse	2 1,680	1 1,680	0.3 1,680		
Salary range, $900 to $1,140; average, $1,020—					
Cook	1 1,020	1 1,020	0.3 1,020		
Laborer	1 1,020	1 1,020	0.3 1,020		
Salary range, $600 to $780; average, $690—					
Assistant	2 660	2 660	0.6 660		
Total average number of employees	6	5	1.5		
Total salaries and wages, field service	6,720.00	5,040.00	1,512.00		
The difference between 1929 and 1928 is due to increase in force, $1,680.					
Deduct allowance value of quarters, fuel, and light furnished	1,560.00	1,200.00	337.00		
Cash payment, salaries and wages	5,160.00	3,840.00	1,175.00		
Miscellaneous and temporary labor, $8 to $1 per day	200.00	200.00	554.57		
01 Total personal services	5,360.00	4,040.00	1,729.57		
Supplies and materials:					
0210 Medical supplies	1,500.00	1,000.00	600.66		
0220 Scientific and educational supplies	200.00	400.00			
0230 Fuel	500.00	400.00			
0240 Wearing apparel and sewing supplies	400.00	300.00	6.88		
0260 Provisions	5,000.00	4,000.00	1,061.16		
0280 Sundry supplies	800.00	700.00	17.00		
02 Total supplies and materials	8,400.00	6,800.00	1,686.60		
05 Communication service	75.00	75.00			
06 Travel expense	200.00	200.00			
07 Transportation of things	100.00	100.00	32.43		
12 Repairs and alterations	1,200.00	900.00	554.44		
13 Special and miscellaneous expenses	65.00	85.00			

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

Relieving Distress and Prevention, etc., of Diseases Among Indians—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
FORT PECK HOSPITAL—continued					
Equipment:					
3010 Furniture, furnishings, and fixtures	$2,000.00	$1,300.00	$4,320.57		
3020 Educational, scientific, and recreational supplies	1,000.00	500.00	1,247.36		
3050 Other equipment	2,100.00	1,000.00			
30 Total equipment	5,100.00	2,800.00	5,567.93		
32 Structures and parts, and nonstructural improvements to land			319.79		
		15,000.00	9,890.76		
Unobligated balance			5,109.24		
Total	20,500.00	15,000.00	15,000.00		
WINNEBAGO HOSPITAL					
Field service:					
Salaries and wages—	*Average—*	*Average—*	*Average—*		
	No. *Salary*	*No.* *Salary*	*No.* *Salary*		
Salary range, $2,400 to $3,000; average, $2,700— Physician	0.5 $2,700	0.5 $2,700			
Salary range, $2,100 to $2,700; average, $2,400— Physician			0.5 $2,400		
Salary range, $1,500 to $1,860; average, $1,680— Nurse	2 1,680	1 1,680	1 1,680		
Salary range, $1,320 to $1,680; average, $1,500— Assistant clerk	1 1,500	1 1,500	1 1,500		
Salary range, $1,140 to $1,500; average, $1,320— Practical nurse	2 1,380	2 1,380	2 1,380		
Salary range, $1,020 to $1,260; average, $1,140— Cook	1 1,140	1 1,140	1 1,020		
Salary range, $900 to $1,140; average, $1,020— Matron	1 1,020	1 1,020	1 1,020		
Laborer	2 1,020	2 1,020	2 990		
Salary range, $780 to $1,020; average, $900— Laborer	2 900	2 900	2 840		
Laundress	1 900	1 900	1 900		
Total average number of employees	12.5	11.5	11.5		
Total salaries and wages, field service	15,870.00	14,190.00	13,612.82		
The difference between 1929 and 1928 is due to increase in force, $1,680.					
Deduct allowance value of quarters, fuel, and light	1,940.00	1,770.00	1,770.00		
Cash payment, salaries and wages	13,930.00	12,420.00	11,842.82		
Miscellaneous and temporary labor, $8 to $1 per day	200.00	200.00			
01 Total personal services	14,130.00	12,620.00	11,842.82		
Supplies and materials:					
0210 Medical supplies	1,000.00	1,000.00	533.00		
0220 Scientific and educational supplies	100.00				
0230 Fuel	800.00	800.00	723.01		
0240 Wearing apparel and sewing supplies	50.00	50.00	21.46		
0250 Forage and other supplies for animals	700.00	500.00	534.22		
0260 Provisions	2,500.00	2,500.00	1,714.63		
0280 Sundry supplies	500.00	500.00	309.58		
02 Total supplies and materials	5,650.00	5,350.00	3,835.90		
Communication service:					
0500 Telegraph service			1.10		
0510 Telephone service	70.00	70.00	65.35		
05 Total communication service	70.00	70.00	66.45		
06 Travel expense	25.00	25.00	11.13		
07 Transportation of things	1,000.00	350.00	323.01		
10 Furnishing of heat, light, power, water, and electricity	800.00	750.00	730.95		
12 Repairs and alterations	2,000.00	1,500.00	1,166.76		
13 Special and miscellaneous expenses	125.00	135.00			
Equipment:					
3010 Furniture, furnishings, and fixtures	300.00	500.00	542.96		
3020 Educational, scientific, and recreational supplies	100.00	200.00	293.33		
3050 Other equipment	3,300.00	500.00	618.09		
30 Total equipment	3,700.00	1,200.00	1,454.38		
32 Structures and parts, and nonstructural improvements to land	9,000.00				
		22,000.00	19,431.40		
Unobligated balance			568.60		
Total	36,500.00	22,000.00	20,000.00		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

Relieving Distress and Prevention, etc., of Diseases Among Indians—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
CARSON HOSPITAL					
Field service:					
Salaries and wages—	*Average—* No. Salary	*Average—* No. Salary	*Average—* No. Salary		
Salary range, $2,100 to $2,700; average, $2,400— Physician	0.7 $2,400	0.7 $2,400	0.7 $2,400		
Salary range, $1,500 to $1,860; average, $1,680— Nurse	2 1,710	1 1,740	1 1,680		
Salary range, $900 to $1,140; average, $1,020— Laborer	2 1,020	2 1,020	2 1,020		
Cook	1 1,020	1 1,020	1 1,020		
Salary range, $600 to $780; average, $690— Assistant	2 660	2 660	2 660		
Total average number of employees	7.7	6.7	6.7		
Total salaries and wages, field service	9,480.00	7,800.00	7,740.00		
The difference between 1929 and 1928 is due to increase in force, $1,680.					
Deduct allowance value of subsistence, quarters, fuel, and light furnished	1,800.00	1,500.00	1,585.00		
Net salaries and wages, field service	7,680.00	6,300.00	6,155.00		
Miscellaneous and temporary labor, $8 to $1 per day	320.00	300.00	955.68		
01 Total personal service	8,000.00	6,600.00	7,110.68		
Supplies and materials:					
0210 Medical supplies	400.00	400.00	365.51		
0230 Fuel	400.00	400.00	240.00		
0240 Wearing apparel and sewing supplies	300.00	400.00	242.08		
0250 Forage and other supplies for animals	100.00	100.00	47.61		
0260 Provisions	4,000.00	4,000.00	2,976.55		
0280 Sundry supplies	200.00	300.00	179.07		
02 Total supplies and materials	5,400.00	5,600.00	4,050.82		
Communication service:					
0500 Telegraph service			4.00		
0510 Telephone service	25.00	25.00	18.55		
05 Total communication service	25.00	25.00	22.55		
06 Travel expense	100.00	100.00	57.27		
07 Transportation of things	50.00	50.00	14.01		
10 Furnishing of heat, light, power, water, and electricity	500.00	500.00	400.00		
12 Repairs and alterations	750.00	700.00	641.89		
13 Special and miscellaneous expenses	75.00	75.00	655.35		
22 Grants, subsidies, and contributions	100.00	100.00	75.00		
Equipment:					
3010 Furniture, furnishings, and fixtures	200.00	200.00	266.16		
3050 Other equipment	300.00	50.00			
30 Total equipment	500.00	250.00	266.16		
32 Structures and parts, and nonstructural improvements to land			633.50		
		14,000.00	13,927.23		
Unobligated balance			132.77		
Total	15,500.00	14,000.00	14,060.00		
PYRAMID LAKE SANATORIUM					
Field service:					
Salaries and wages—					
Salary range, $2,400 to $3,000; average, $2,700— Physician	1 2,700	1 2,700	0.3 2,700		
Salary range, $1,860 to $2,400; average, $2,100— Physician			0.7 2,400		
Salary range, $1,500 to $1,860; average, $1,680— Nurse	2 1,680	1 1,680	1 1,680		
Salary range, $1,020 to $1,260; average, $1,140— Cook	1 1,140	1 1,140			
Salary range, $900 to $1,140; average, $1,020— Cook			1 1,020		
Laborer	1 1,020	1 1,020	1 1,020		
Salary range, $780 to $1,020; average, $900— Assistant matron	1 900	1 900	1 900		
Laundress	1 900	1 900	1 900		
Salary range, $600 to $780; average, $690— Assistant	1 660	1 660	1 660		
Total average number of employees	8	7	7		
Total salaries and wages, field service	10,680.00	9,000.00	8,670.00		
The difference between 1929 and 1928 is due to increase in force, $1,680.					
Deduct allowance value of subsistence, quarters, fuel, and light furnished	2,400.00	2,040.00	1,970.00		
Cash payment, salaries and wages	8,280.00	6,960.00	6,700.00		
Miscellaneous and temporary labor, $8 to $1 per day	500.00	500.00	504.28		
01 Total personal services	8,780.00	7,460.00	7,204.28		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Relieving Distress and Prevention, etc., of Diseases Among Indians—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
PYRAMID LAKE SANATORIUM—continued			
Supplies and materials:			
0210 Medical supplies	$1,200.00	$1,300.00	$428.04
0220 Scientific and educational supplies	100.00	100.00	
0230 Fuel	2,500.00	2,050.00	2,361.01
0240 Wearing apparel and sewing supplies	1,200.00	1,500.00	1,648.65
0250 Forage and other supplies for animals	500.00	500.00	470.65
0260 Provisions	5,700.00	5,000.00	4,132.47
0280 Sundry supplies	1,000.00	1,000.00	378.79
02 Total supplies and materials	12,200.00	11,900.00	9,419.61
05 Communication service	150.00	50.00	33.57
06 Travel expense	500.00	500.00	2,085.08
07 Transportation of things	600.00	500.00	536.19
12 Repairs and alterations	1,500.00	1,500.00	1,526.96
13 Special and miscellaneous expenses	270.00	590.00	884.40
Equipment:			
3000 Passenger-carrying vehicles			470.00
3010 Furniture, furnishings, and fixtures	1,000.00	1,000.00	1,694.14
3020 Educational, scientific, and recreational supplies	3,000.00		
3050 Other equipment	500.00	500.00	1,145.77
30 Total equipment	4,500.00	1,500.00	3,309.91
Total	28,500.00	24,000.00	25,000.00
JICARILLA HOSPITAL			
Field service:			
Salaries and wages—	*Average—*	*Average—*	*Average—*
Salary range, $1,500 to $1,860; average, $1,680—	*No.* *Salary*	*No.* *Salary*	*No.* *Salary*
Nurse	1 $1,680	1 $1,680	1 $1,680
Salary range, $900 to $1,140; average, $1,020—			
Cook	1 1,020	1 1,020	1 1,020
Laborer	1 1,020	1 1,020	1 1,020
Salary range, $780 to $1,020; average, $900—			
Laborer	1 900	1 900	1 900
Laundress	1 900	1 900	1 900
Salary range, $600 to $780; average, $690—			
Assistant	1 660	1 660	1 660
Total average number of employees	6	6	6
Total salaries and wages, field service	6,180.00	6,180.00	6,180.00
Deduct allowance value of subsistence, quarters, fuel, and light furnished	1,360.00	1,360.00	1,360.00
Cash payment, salaries and wages	4,820.00	4,820.00	4,820.00
Miscellaneous and temporary labor $8 to $1 per day	200.00	200.00	215.05
01 Total personal services	5,020.00	5,020.00	5,035.05
Supplies and materials:			
0210 Medical supplies	1,200.00	1,000.00	1,101.85
0230 Fuel	600.00	600.00	537.78
0240 Wearing apparel and sewing supplies	200.00	200.00	166.51
0260 Provisions	2,000.00	1,600.00	1,277.89
0280 Sundry supplies	100.00	200.00	90.40
02 Total supplies and materials	4,100.00	3,600.00	3,210.43
06 Travel expense	50.00	50.00	9.10
07 Transportation of things	160.00	160.00	162.51
10 Furnishing of heat, light, power, water, and electricity	100.00	100.00	
12 Repairs and alterations	1,200.00	1,500.00	1,617.62
Equipment:			
3010 Furniture, furnishings, and fixtures	200.00	200.00	166.59
3050 Other equipment	170.00	370.00	29.75
30 Total equipment	370.00	570.00	196.34
		11,000.00	10,231.05
Unobligated balance			768.95
Total	11,000.00	11,000.00	11,000.00
JICARILLA SANATORIUM			
Field service:			
Salaries and wages—			
Salary range, $2,100 to $2,700; average, $2,400—			
Physician	1 2,400		
Salary range, $1,500 to $1,860; average, $1,680—			
Nurse	2 1,680		
Salary range, $1,140 to $1,500; average, $1,320—			
Dairyman	1 1,380		
Salary range, $900 to $1,140; average, $1,020—			
Laborer	2 1,050		
Matron	1 1,080		
Seamstress	1 1,020		
Assistant disciplinarian	1 1,020		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

Relieving Distress and Prevention, etc., of Diseases Among Indians—Continued.

General object (title of appropriation), data of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
JICARILLA SANATORIUM—continued					
Field service—Continued.					
Salaries and wages—Continued.	*Average—*	*Average—*	*Average—*		
	No. *Salary*	*No.* *Salary*	*No.* *Salary*		
Salary range, $780 to $1,020; average, $900—					
Laundress	1 $900				
Salary range, $600 to $780; average, $690—					
Laborer	1 660				
Assistant	4 660				
Total average number of employees	15				
Total salaries and wages, field service	16,560.00				
The difference between 1929 and 1928 is due to transfer of employees from tribal-fund appropriation, $14,880; increase in force, $1,680.					
Deduct allowance value of quarters, fuel, and light furnished	1,860.00				
Cash payment, salaries, and wages	14,700.00				
Miscellaneous and temporary labor $8 to $1 per day	300.00				
Net salaries and wages, field service	15,000.00				
01 Total personal services	15,000.00				
Supplies and materials:					
0210 Medical supplies	2,500.00				
0220 Scientific and educational supplies	500.00				
0230 Fuel	1,000.00				
0240 Wearing apparel and sewing supplies	2,000.00				
0250 Forage and other supplies for animals	250.00				
0260 Provisions	3,500.00				
0280 Sundry supplies	2,000.00				
02 Total supplies and materials	11,750.00				
Communication service:					
0500 Telegraph service	50.00				
0510 Telephone service	100.00				
050 Total communication service	150.00				
06 Travel expense	500.00				
07 Transportation of things	500.00				
12 Repairs and alterations	2,000.00				
13 Special and miscellaneous expenses	100.00				
Equipment:					
3010 Furniture, furnishings, and fixtures	1,000.00				
3050 Other equipment	2,000.00				
30 Total equipment	3,000.00				
Total	33,000.00	(1)	(1)		
LAGUNA SANATORIUM					
Field service:					
Salaries and wages—					
Salary range, $2,400 to $3,000; average, $2,700—					
Superintendent	0.5 2,700	0.5 $2,700	0.5 $2,700		
Salary range, $1,500 to $1,860; average, $1,680—					
Nurse	2 1,680	1 1,680	1 1,680		
Salary range, $1,320 to $1,680; average, $1,500—					
Assistant clerk	1 1,500	1 1,500	0.3 1,500		
Salary range, $1,140 to $1,500; average, $1,320—					
Practical nurse	1 1,380	1 1,380	1 1,380		
Salary range, $900 to $1,140; average, $1,020—					
Laborer	1 1,080	1 1,080	1 1,080		
Cook	1 1,020	1 1,020	1 1,020		
Salary range, $780 to $1,020; average, $900—					
Seamstress	1 1,080	1 1,080	1 1,080		
Laundress	1 900	1 900	1 900		
Total average number of employees	8.5	7.5	6.8		
Total salaries and wages, field service	11,670.00	9,990.00	8,940.00		
The difference between 1929 and 1928 is due to increase in force, $1,680.					
Deduct allowance value of subsistence, quarters, fuel, and light furnished	2,280.00	1,920.00	1,754.00		
Cash payment, salaries and wages	9,390.00	8,070.00	7,186.00		
Miscellaneous and temporary labor $8 to $1 per day	1,200.00	1,500.00	1,525.30		
01 Total personal services	10,590.00	9,570.00	8,711.30		

[1] Supported from tribal funds during 1928 and 1927.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Relieving Distress and Prevention, etc., of Diseases Among Indians—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
LAGUNA SANATORIUM—continued			
Supplies and materials:			
0210 Medical supplies	$1,000.00	$1,000.00	$224.67
0220 Scientific and educational supplies	100.00	100.00	19.60
0230 Fuel	1,200.00	1,100.00	1,065.65
0240 Wearing apparel and sewing supplies	1,500.00	1,200.00	1,392.06
0250 Forage and other supplies for animals	800.00	800.00	574.90
0260 Provisions	5,000.00	5,000.00	4,336.88
0280 Sundry supplies	900.00	1,000.00	729.20
02 Total supplies and materials	10,500.00	10,200.00	8,342.96
05 Communication service			1.55
06 Travel expense	100.00	100.00	
07 Transportation of things	300.00	300.00	204.10
10 Furnishing of heat, light, power, water, and electricity	700.00	700.00	467.89
12 Repairs and alterations	2,500.00	2,500.00	1,592.23
13 Special and miscellaneous expenses	110.00	130.00	
Equipment:			
3010 Furniture, furnishings, and fixtures	500.00	500.00	836.79
3020 Educational, scientific, and recreational supplies	300.00	300.00	378.20
3050 Other equipment	2,400.00	700.00	2,168.76
30 Total equipment	3,200.00	1,500.00	3,383.75
		25,000.00	22,703.78
Unobligated balance			2,296.22
Total	28,000.00	25,000.00	25,000.00
MESCALERO HOSPITAL			
Field service:			
Salaries and wages—	*Average—*	*Average—*	*Average—*
	No. *Salary*	*No.* *Salary*	*No.* *Salary*
Salary range, $1,500 to $1,860; average, $1,680—			
Nurse	2 $1,680	1 $1,680	1 $1,680
Salary range, $1,020 to $1,260; average, $1,140—			
Cook	1 1,140	1 1,140	
Salary range, $900 to $1,140; average, $1,020—			
Matron	1 1,080	1 1,080	0.5 1,020
Laborer	1 1,020	1 1,020	2 1,020
Salary range, $780 to $1,020; average, $900—			
Cook			1 1,020
Matron			0.5 900
Salary range, $600 to $780; average, $690—			
Assistant	2 690	2 690	2 660
Total average number of employees	7	6	7
Total salaries and wages	7,980.00	6,300.00	7,020.00
The difference between 1929 and 1928 is due to increase in force, $1,680.			
Deduct allowance value of subsistence, quarters, fuel, and light	1,840.00	1,480.00	1,508.00
Cash payment, salaries and wages	6,140.00	4,820.00	5,512.00
Miscellaneous and temporary labor $8 to $1 per day	600.00	500.00	771.29
01 Total personal services	6,740.00	5,320.00	6,283.29
Supplies and materials:			
0210 Medical supplies	1,000.00	1,000.00	948.19
0230 Fuel	1,000.00	1,000.00	1,025.26
0240 Wearing apparel and sewing supplies	100.00	100.00	28.90
0250 Forage and other supplies for animals	100.00	100.00	56.76
0260 Provisions	2,200.00	2,000.00	1,566.43
0280 Sundry supplies	100.00	100.00	292.96
02 Total supplies and materials	4,500.00	4,300.00	3,918.50
06 Travel expense	100.00	100.00	48.52
07 Transportation of things	500.00	500.00	193.52
12 Repairs and alterations	900.00	1,000.00	425.75
13 Special and miscellaneous expenses	160.00	80.00	
Equipment:			
3010 Furniture, furnishings, and fixtures	300.00	400.00	759.68
3050 Other equipment	1,800.00	300.00	
30 Total equipment	2,100.00	700.00	759.68
32 Structures and parts, and nonstructural improvements to land			592.32
		12,000.00	12,221.58
Unobligated balance			138.42
Total	15,000.00	12,000.00	12,360.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for tha fiscal year ending June 30, 1928

Relieving Distress and Prevention, etc., of Diseases Among Indians—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	TURTLE MOUNTAIN HOSPITAL			
	Field service:			
	Salaries and wages—	*Average—*	*Average—*	*Average—*
	Salary range, $2,100 to $2,700; average, $2,400—	*No.* *Salary*	*No.* *Salary*	*No.* *Salary*
	Physician	0.5 $2,400	0.5 $2,400	0.5 $2,400
	Salary range, $1,500 to $1,860; average, $1,680—			
	Nurse	2 1,680	1 1,680	1 1,680
	Salary range, $900 to $1,140; average, $1,020—			
	Cook	1 1,020	1 1,020	1 1,020
	Salary range, $600 to $780; average, $690—			
	Assistant	1 660	1 660	1.8 660
	Total average number of employees	4.5	3.5	4.3
	Total salaries and wages, field service	6,240.00	4,560.00	5,088.00
	The difference between 1929 and 1928 is due to increase in force, $1,680.			
	Deduct allowance value of subsistence, quarters, fuel, and light furnished	1,290.00	930.00	995.00
	Cash payment, salaries and wages	4,950.00	3,630.00	4,093.00
	Miscellaneous and temporary labor, $8 to $1 per day	200.00	200.00	111.84
01	Total personal services	5,150.00	3,830.00	4,204.84
	Supplies and materials:			
0210	Medical supplies	450.00	450.00	312.94
0230	Fuel	1,800.00	2,000.00	1,735.20
0240	Wearing apparel and sewing supplies	100.00	125.00	46.86
0260	Provisions	2,800.00	2,800.00	2,267.09
0280	Sundry supplies	250.00	225.00	138.96
02	Total supplies and materials	5,400.00	5,600.00	4,501.05
07	Transportation of things	700.00	700.00	761.88
12	Repairs and alterations	800.00	400.00	383.11
13	Special and miscellaneous expenses	50.00	170.00	590.06
	Equipment:			
3010	Furniture, furnishings, and fixtures	100.00	100.00	124.52
3040	Livestock			60.00
3050	Other equipment	300.00	200.00	34.95
30	Total equipment	400.00	300.00	219.47
			11,000.00	10,660.41
	Unobligated balance			339.59
	Total	12,500.00	11,000.00	11,000.00
	CHEYENNE AND ARAPAHO HOSPITAL			
	Field service:			
	Salaries and wages—			
	Salary range, $1,500 to $1,860; average, $1,680—			
	Nurse	3 1,680	2 1,680	1.8 1,680
	Salary range, $900 to $1,140; average, $1,020—			
	Laborer	1 1,020	1 1,020	0.9 1,020
	Salary range, $780 to $1,020; average, $900—			
	Cook	1 900	1 900	1 948
	Salary range, $600 to $780; average, $690—			
	Assistant	1 660	1 660	1 660
	Total average number of employees	6	5	4.7
	Total salaries and wages, field service	7,620.00	5,940.00	5,553.15
	The difference between 1929 and 1928 is due to increase in force, $1,680.			
	Deduct allowance value of subsistence, quarters, fuel and light furnished	1,560.00	1,200.00	1,115.50
01	Total personal services	6,060.00	4,740.00	4,437.65
	Supplies and materials:			
0210	Medical supplies	1,000.00	1,000.00	920.64
0220	Scientific and educational supplies			15.00
0230	Fuel	400.00	400.00	345.85
0240	Wearing apparel and sewing supplies	150.00	200.00	134.29
0260	Provisions	2,500.00	2,250.00	2,126.18
0280	Sundry supplies	250.00	250.00	124.61
02	Total supplies and materials	4,300.00	4,100.00	3,666.57
10	Furnishing of heat, light, power, water, and electricity	250.00	250.00	242.03
12	Repairs and alterations	1,500.00	1,500.00	1,422.90

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Relieving Distress and Prevention, etc., of Diseases Among Indians—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	CHEYENNE AND ARAPAHO HOSPITAL—continued			
	Equipment:			
3010	Furniture, furnishings, and fixtures	$100.00	$200.00	$225.38
3020	Educational, scientific, and recreational supplies	150.00	100.00	395.01
3050	Other equipment	140.00	110.00	13.17
30	Total equipment	390.00	410.00	633.56
			11,000.00	10,402.71
	Unobligated balance			597.29
	Total	12,500.00	11,000.00	11,000.00
	CHOCTAW-CHICKASAW HOSPITAL			
	Field service:			
	Salaries and wages—	*Average*—	*Average*—	*Average*—
		No. *Salary*	*No.* *Salary*	*No.* *Salary*
	Salary range, $2,700 to $3,300; average, $3,000—			
	Superintendent	1 $3,000	0.9 $3,000	
	Salary range, $2,400 to $3,000; average, $2,700—			
	Superintendent		0.1 2,700	1 $2,700
	Salary range, $1,500 to $1,860; average, $1,680—			
	Nurse	2 1,680	2 1,680	1.1 1,680
	Salary range, $1,320 to $1,680; average, $1,500—			
	Engineer	1 1,500	1 1,500	1 1,500
	Salary range, $1,140 to $1,500; average, $1,320—			
	Matron	1 1,380	1 1,380	1 1,380
	Financial clerk	1 1,320	1 1,320	1 1,320
	Practical nurse			0.9 1,380
	Salary range, $900 to $1,140; average, $1,020—			
	Cook	1 1,080	1 1,080	1 1,080
	Laborer	3 1,060	3 1,060	3 1,060
	Salary range, $780 to $1,020; average, $900—			
	Laundress	1 960	1 960	1 900
	Laborer	1 900	1 900	1 900
	Salary range, $600 to $780; average, $690—			
	Assistant	3 720	3 720	3 720
	Ungraded physician	1 720	1 720	1 720
	Total average number of employees	16	16	16
	Total salaries and wages, field service	19,560.00	19,530.00	18,930.00
	Deduct allowance value of subsistence, quarters, fuel, and light furnished	4,320.00	4,320.00	4,338.00
	Cash payment, salaries and wages	15,210.00	15,210.00	14,592.00
	Miscellaneous and temporary labor, $8 to $1 per day	1,000.00	1,000.00	1,596.81
01	Total personal services	16,210.00	16,210.00	16,188.81
	Supplies and materials:			
0210	Medical supplies	800.00	800.00	460.98
0220	Scientific and educational supplies	100.00	100.00	89.23
0230	Fuel	2,500.00	2,500.00	2,439.83
0240	Wearing apparel and sewing supplies	500.00	500.00	249.85
0250	Forage and other supplies for animals	1,500.00	1,800.00	1,294.25
1260	Provisions	7,000.00	7,000.00	4,289.56
0280	Sundry supplies	2,500.00	2,000.00	605.99
02	Total supplies and materials	14,900.00	14,700.00	9,429.69
	Communication service:			
0510	Telephone service	140.00	140.00	132.80
0520	Other communication service	10.00	10.00	3.00
05	Total communication service	150.00	150.00	135.80
06	Travel expense	350.00	350.00	311.80
07	Transportation of things	800.00	800.00	703.84
11	Rents	450.00	450.00	396.00
12	Repairs and alterations	4,500.00	4,800.00	3,099.57
13	Special and miscellaneous expenses	140.00	140.00	5.25
	Equipment:			
3010	Furniture, furnishings, and fixtures	1,500.00	1,500.00	1,455.02
3020	Educational, scientific, and recreational supplies	3,000.00		
3040	Livestock	300.00	200.00	171.00
3050	Other equipment	700.00	700.00	639.42
30	Total equipment	5,500.00	2,400.00	2,265.44
32	Structures and parts, and nonstructural improvements to land			10,827.92
			40,000.00	43,364.12
	Unobligated balance			2,635.88
	Total	43,000.00	40,000.00	46,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Relieving Distress and Prevention, etc., of Diseases Among Indians—Continued.

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	SHAWNEE SANATORIUM						
	Field service:						
	Salaries and wages—	*Average—*		*Average—*		*Average—*	
		No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Salary range, $2,400 to $3,000; average, $2,700—						
	Physician	1	$2,700	1	$2,700		
	Salary range, $2,100 to $2,700; average, $2,400—						
	Physician					1	$2,400
	Salary range, $1,500 to $1,860; average, $1,680—						
	Nurse	2	1,680	1	1,680	1	1,680
	Salary range, $1,320 to $1,680; average, $1,500—						
	Assistant clerk	1	1,500	1	1,500	0.2	1,500
	Salary range, $1,140 to $1,500; average, $1,320—						
	General mechanic	1	1,440	1	1,440	1	1,380
	Farmer	1	1,380	1	1,380	1	1,380
	Salary range, $1,020 to $1,260; average, $1,140—						
	Cook	1	1,140	0.9	1,140		
	Salary range, $900 to $1,140; average, $1,020—						
	Matron (head)	1	1,080	1	1,080	1	1,080
	Matron	1	1,080	1	1,080	1	1,020
	Laborer	1	1,020	1	1,020	1	1,020
	Cook			0.1	1,020	1	1,020
	Salary range, $600 to $780; average, $690—						
	Assistant	3	660	3	660	3	660
	Laborer	1	780	1	780	1	780
	Total average number of employees	14		13		12.2	
	Total salaries and wages, field service		17,460.00		15,768.00		14,040.00
	The difference between 1929 and 1928 is due to increase in force, $1,680.						
	Deduct allowance value of subsistence, quarters, fuel, and light		3,080.00		2,714.00		2,512.00
	Cash payment, salaries and wages		14,380.00		13,054.00		11,528.00
	Miscellaneous and temporary labor, $8 to $1 per day		4,000.00		4,000.00		5,541.06
01	Total personal services		18,380.00		17,054.00		17,069.06
	Supplies and materials:						
0210	Medical supplies		1,000.00		1,000.00		561.79
0220	Scientific and educational supplies		200.00		250.00		
0230	Fuel		1,500.00		1,500.00		1,326.88
0240	Wearing apparel and sewing supplies		500.00		400.00		396.35
0250	Forage and other supplies for animals		500.00		500.00		487.10
0260	Provisions		6,500.00		6,500.00		5,922.92
0280	Sundry supplies		1,000.00		1,000.00		874.59
02	Total supplies and materials		11,200.00		11,150.00		9,569.63
07	Transportation of things		1,550.00		250.00		40.09
10	Furnishing of heat, light, power, water, and electricity		1,200.00		1,200.00		1,205.05
11	Rents		150.00		150.00		
12	Repairs and alterations		8,500.00		10,000.00		4,493.26
13	Special and miscellaneous expenses		570.00		146.00		2,364.87
22	Grants, subsidies, and contributions		250.00		250.00		158.50
	Equipment:						
3010	Furniture, furnishings, and fixtures		1,500.00		1,000.00		1,822.27
3050	Other equipment		3,700.00		800.00		947.29
30	Total equipment		5,200.00		1,800.00		2,769.56
32	Structures and parts, and nonstructural improvements to land		18,000.00				11,169.45
					42,000.00		48,839.47
	Unobligated balance						1,910.53
			65,600.00		42,000.00		50,750.00
	Less Indian moneys, proceeds of labor		600.00				
	Total		55,000.00		42,000.00		50,750.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Relieving Distress and Prevention, etc., of Diseases Among Indians—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
CROW CREEK HOSPITAL						
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
Salary range, $1,860 to $2,400; average, $2,100—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Physician					0.5	$2,400
Salary range, $1,500 to $1,860; average, $1,680—						
Nurse	2	$1,680	1	$1,680	1	1,680
Salary range, $900 to $1,140; average, $1,020—						
Laborer	1	1,020	1	1,020	1	1,020
Salary range, $780 to $1,020; average, $900—						
Cook	1	900	1	900	1	900
Salary range, $600 to $780; average, $690—						
Assistant	1	720	1	720	1	720
Total average number of employees	5		4		4.5	
Total salaries and wages, field service		6,000.00		4,320.00		5,520.00
The difference between 1929 and 1928 is due to increase in force, $1,680.						
Deduct allowance value of subsistence, quarters, fuel, and light furnished		1,500.00		1,140.00		1,288.00
01 Total personal services		4,500.00		3,180.00		4,217.43
Supplies and materials:						
0210 Medical supplies		650.00		600.00		580.12
0230 Fuel		750.00		750.00		718.45
0240 Wearing apparel and sewing supplies		100.00		100.00		46.81
0250 Forage and other supplies for animals		150.00		150.00		141.60
0260 Provisions		1,850.00		1,800.00		1,740.55
0280 Sundry supplies		100.00		120.00		131.36
02 Total supplies and materials		3,600.00		3,520.00		3,358.89
06 Travel expense		50.00		50.00		3.67
07 Transportation of things		50.00		50.00		39.40
12 Repairs and alterations		500.00		450.00		355.35
Equipment:						
3010 Furniture, furnishings, and fixtures		200.00		150.00		114.24
3050 Other equipment		100.00		100.00		100.00
30 Total equipment		300.00		250.00		214.24
				7,500.00		8,188.98
Unobligated balance						811.02
Total		9,000.00		7,500.00		9,000.00
SPOKANE HOSPITAL						
Field service:						
Salaries and wages—						
Salary range, $2,400 to $3,000; average, $2,700—						
Physician	1	2,700	1	2,700		
Salary range, $2,100 to $2,700; average, $2,400—						
Physician					1	2,400
Salary range, $1,500 to $1,860; average, $1,680—						
Nurse	2	1,680	1	1,680	1	1,680
Salary range, $1,140 to $1,500; average, $1,320—						
Practical nurse	1	1,380	1	1,380	1	1,380
Salary range, $900 to $1,140; average, $1,020—						
Laborer	2	1,080	2	1,080	1	1,080
Cook	1	1,020	1	1,020	1	1,020
Salary range, $780 to $1,020; average, $900—						
Seamstress	1	1,020	1	1,020	1	1,020
Laundress	1	900	1	900	1	900
Total average number of employees	9		8		7	
Total salaries and wages		12,540.00		11,160.00		9,480.00
The difference between 1929 and 1928 is due to increase in force, $1,680.						
Deduct allowance value of subsistence, quarters, fuel, and light		2,640.00		2,280.00		2,160.00
Cash payment, salaries and wages		9,900.00		8,880.00		7,320.00
Miscellaneous and temporary labor, $8 to $1 per day		100.00		120.00		66.60
01 Total personal services		10,000.00		9,000.00		7,386.60
Supplies and materials:						
0210 Medical supplies		200.00		250.00		150.04
0230 Fuel		1,500.00		1,500.00		1,286.68
0240 Wearing apparel and sewing supplies		100.00		100.00		81.37
0250 Forage and other supplies for animals		600.00		600.00		570.70
0260 Provisions		2,200.00		2,100.00		2,047.45
0280 Sundry supplies		200.00		200.00		166.71
02 Total supplies and materials		4,800.00		4,750.00		4,302.95
05 Communication service		50.00		50.00		50.00
06 Travel expense		50.00		50.00		34.20
07 Transportation of things		200.00		200.00		161.56
12 Repairs and alterations		1,000.00		500.00		752.43

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), data of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Relieving Distress and Prevention, etc., of Diseases Among Indians—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
SPOKANE HOSPITAL—continued			
Equipment:			
3010 Furniture, furnishings, and fixtures	$200.00	$250.00	$137.66
3040 Livestock			85.00
3050 Other equipment	200.00	200.00	200.65
30 Total equipment	400.00	450.00	423.31
		15,000.00	13,111.05
Unobligated balance			1,608.95
Total	16,500.00	15,000.00	14,720.00
YAKIMA SANATORIUM			
Field service:	*Average*— No. Salary	*Average*— No. Salary	*Average*— No. Salary
Salaries and wages—			
Salary range, $2,400 to $3,000; average, $2,700—			
Physician	1 $2,700		
Salary range, $1,500 to $1,860; average, $1,680—			
Nurse	2 1,680		
Salary range, $1,140 to $1,500; average, $1,320—			
General mechanic	1 1,380		
Farmer	1 1,380		
Salary range, $900 to $1,140; average, $1,020—			
Seamstress	1 1,020		
Cook	1 1,020		
Laborer	1 1,020		
Salary range, $780 to $1,020; average, $900—			
Laundress	1 900		
Laborer	1 780		
Salary range, $600 to $780; average, $690—			
Assistant	3 660		
Total average number of employees	13		
Total salaries and wages, field service	15,540		
The difference between 1929 and 1928 is due to increase in force, new institution, $15,540.			
Deduct allowance value of quarters, fuel, and light furnished	1,740		
Cash payment, salaries and wages	13,800		
Miscellaneous and temporary labor, $8 to $1 per day	2,500		
01 Total personal services	16,300		
Supplies and materials:			
0210 Medical supplies	2,000.00		
0220 Scientific and educational supplies	250.00		
0230 Fuel	1,500.00		
0240 Wearing apparel and sewing supplies	500.00		
0250 Forage and other supplies for animals	500.00		
0260 Provisions	6,000.00		
0280 Sundry supplies	1,180.00		
02 Total supplies and materials	11,930.00		
05 Communication service	100.00		
06 Travel expense	250.00		
07 Transportation of things	150.00		
10 Furnishing of heat, light, power, water, and electricity	1,200.00		
12 Repairs and alterations	4,200.00		
13 Special and miscellaneous expenses	270.00		
22 Grants, subsidies, and contributions	250.00		
Equipment:			
3010 Furniture, furnishings, and fixtures	2,000.00	$8,000.00	
3020 Educational, scientific, and recreational supplies	4,000.00		
3050 Other equipment	2,350.00	2,000.00	
30 Total equipment	8,350.00	10,000.00	
32 Structures and parts, and nonstructural improvements to land		50,000.00	
Total	43,000.00	60,000.00	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Asylum for Insane Indians, Canton, S. Dak.—		
For the equipment and maintenance of the asylum for insane Indians at Canton, South Dakota, for incidental and all other expenses necessary for its proper conduct and management, including pay of employees, repairs, improvements, and for necessary expense of transporting insane Indians to and from said asylum, [$40,000] *$44,500* (*U. S. C., p. 690, sec. 13; act Jan. 12, 1927, vol. 44, p. 952*)	$44,500.00	$40,000.00

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Field service:						
	Salaries and wages—	*Average—*		*Average—*		*Average—*	
	Salary range, $3,000 to $3,600; average, $3,300—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Superintendent	1	$3,300	1	$3,300	1	$3,300
	Salary range, $1,860 to $2,400; average, $2,100—						
	Head nurse	1	2,100	1	2,100	0.2	2,100
	Salary range, $1,320 to $1,680; average, $1,500—						
	Nurse	3	1,680				
	Engineer	1	1,560	1	1,560	1	1,560
	Financial clerk	1	1,500	1	1,500	1	1,500
	Salary range, $1,140 to $1,500; average, $1,320—						
	Farmer	1	1,380	1	1,380	1	1,380
	Salary range, $1,020 to $1,260; average, $1,140—						
	Cook	0.9	1,140	0.9	1,140		
	Matron					0.8	1,140
	Salary range, $900 to $1,140; average, $1,020—						
	Laborer	9	1,020	9	1,020	9	1,020
	Laundress	1	900	1	900	1	900
	Salary range, $780 to $1,020; average, $900—						
	Seamstress	1	1,020	1	1,020	1	1,020
	Laborer	5	912	5	912	4.9	900
	Cook	1.1	913	1.1	913	2	1,008
	Total average number of employees	26		23		22.9	
	Total salaries and wages, field service		32,570.00		27,530.00		26,578.00
	The difference between 1929 and 1928 is due to increase in force, $5,040.						
	Deduct allowance value of subsistence, quarters, fuel, and light furnished		7,934.00		7,394.00		7,079.00
01	Total personal services		24,636.00		20,136.00		19,495.50
	Supplies and materials:						
0210	Medical supplies		500.00		300.00		213.46
0230	Fuel		2,500.00		2,500.00		1,930.45
0240	Wearing apparel and sewing supplies		1,500.00		1,200.00		937.61
0250	Forage and other supplies for animals		800.00		750.00		2,588.21
0260	Provisions		6,000.00		6,000.00		5,941.97
0280	Sundry supplies		500.00		450.00		907.36
02	Total supplies and materials		11,800.00		11,200.00		12,519.06
	Communication service:						
0500	Telegraph service		25.00		25.00		10.00
0510	Telephone service		75.00		75.00		92.50
0520	Other communication service						5.23
05	Total communication service		100.00		100.00		107.73
06	Travel expense		1,000.00		1,000.00		774.82
07	Transportation of things		50.00		50.00		60.28
10	Furnishing of heat, light, power, water, and electricity		1,200.00		1,200.00		1,200.00
12	Repairs and alterations		4,000.00		3,000.00		2,462.44
13	Special and miscellaneous expenses		259.00		159.00		
22	Grants, subsidies, and contributions		400.00		400.00		367.25
	Equipment:						
3010	Furniture, furnishings, and fixtures		1,500.00		1,000.00		838.67
3020	Educational, scientific, and recreational supplies		500.00				
3050	Other equipment		1,100.00		800.00		286.89
30	Total equipment		3,100.00		1,800.00		1,125.56
31	Land and interest in land						34,170.00
32	Structures and parts, and nonstructural improvements to land		3,000.00				3,709.00
					39,000.00		75,991.64
	Unobligated balance						1,594.89
	Reserve				1,000.00		
			44,545.00		40,045.00		77,586.53
	Less Indian moneys, proceeds of labor		45.00		45.00		2,586.53
	Total		44,500.00		40,000.00		75,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Support and Civilization of Indians—		
For general support [and civilization] of Indians *and administration of Indian property*, including pay of employees, $900,000: *Provided*, That a report shall be made to Congress on the first Monday of December, [1928] *1929*, by the Superintendent for the Five Civilized Tribes through the Secretary of the Interior, showing in detail the expenditure of all moneys from this appropriation on behalf of the said Five Civilized Tribes (*U. S. C., p. 690, sec. 13; act Jan. 12, 1927, vol. 44, p. 952*)	$900,000.00	$900,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $6,000 to $7,500; average, $6,750—						
Special commissioner to negotiate with Indians	1	$6,000	1	$6,000	1	$6,000
Salary range, $5,200 to $6,000; average, $5,600—						
General superintendent	0.4	5,200	0.4	5,200	0.4	5,200
Superintendent	1	5,200	1	5,200	1	5,200
Salary range, $3,800 to $5,000; average, $4,400—						
District superintendent	3	3,800	3	3,800		
Oil inspector	1	3,800	1	3,800		
Salary range, $3,000 to $3,600; average, $3,300—						
Superintendent	0.5	3,600	0.5	3,600		
Financial clerk					0.2	3,300
Chief clerk	1	3,300	1	3,300	0.3	3,300
Salary range, $2,700 to $3,300; average, $3,000—						
Assistant district superintendent	0.3	3,000	0.3	3,000		
Supervising field clerk	1	3,000	1	3,000	1	3,000
Principal clerk	1	3,000	1	3,000	1	3,000
Salary range, $2,400 to $3,000; average, $2,700—						
Principal clerk	2	2,750	2	2,750	1.3	2,700
Physician	7.5	2,700	7.5	2,700	1.7	2,700
Chief clerk					0.7	2,700
Superintendent	1.3	2,700	1.3	2,700	1.4	2,700
Salary range, $2,100 to $2,700; average, $2,400—						
Principal clerk	1	2,400	1	2,400	1	2,400
Superintendent					3	2,627
Assistant superintendent	1.5	2,400	1.5	2,400	1.1	2,400
Overseer of Indian employment					0.5	2,400
Physician	14.5	2,400	14.5	2,400	11.4	2,400
Financial clerk	1	2,400	1	2,400	0.8	2,400
Salary range, $1,860 to $2,400; average, $2,100—						
Special commissioner	1	2,300	1	2,300	1	2,300
Special officer	2	2,100	2	2,100	1	2,100
Principal clerk	8	2,100	8	2,100	8.2	2,108
Financial clerk	1	2,100	1	2,100		
Superintendent	0.5	2,100	0.5	2,100	1	2,100
Physician	5	2,103	5	2,103	14.4	2,118
Salary range, $1,680 to $2,040; average, $1,860—						
Senior clerk	23.5	1,961	23.5	1,961	20	1,896
Principal clerk	1	1,860	1	1,860	1	1,860
General mechanic	2.5	1,860	2.5	1,860	1.5	1,860
Superintendent of livestock					1	1,860
Private secretary	1	1,920	1	1,920	1	1,860
Interpreter	1	1,860	1	1,860	1	1,860
Field clerk	9	1,860	9	1,860	10	1,860
Appraiser	1	1,860	1	1,860	1	1,860
Salary range, $1,500 to $1,860; average, $1,680—						
Senior clerk	1	1,980	1	1,980	1	1,980
Clerk	31.5	1,737	31.5	1,737	24.8	1,711
Assistant clerk	2	1,740	2	1,740		
Financial clerk	3.5	1,707	3.5	1,707	1.5	1,720
Nurse	8	1,688	8	1,688	7	1,680
Salary range, $1,320 to $1,680; average, $1,500—						
Superintendent of livestock	1	1,860	1	1,860		
Carpenter	3	1,660	3	1,660	3	1,640
Miller	3	1,600	3	1,600	2.1	1,643
Assistant clerk	53.3	1,530	53.3	1,530	52.4	1,529
Financial clerk	9.3	1,540	9.3	1,540	7.8	1,516
Appraiser	4	1,545	4	1,545	4	1,530
Interpreter	3	1,500	3	1,500	4	1,500
Special agent	1	1,500	1	1,500		
Junior clerk	1	1,500	1	1,500	0.3	1,500
Sawyer	1	1,560	1	1,560	1.1	1,500
Engineer	4	1,500	4	1,500	4	1,500
Stockman	1	1,500	1	1,500	1.2	1,500
Salary range, $1,140 to $1,500; average, $1,320—						
Blacksmith	1	1,620	1	1,620	1	1,620
General mechanic	7.5	1,424	7.5	1,424	7.5	1,406
Teacher	2	1,380	2	1,380		
Matron	1	1,380	1	1,380	1	1,380
Farmer	9	1,413	9	1,413	9.5	1,412
Stockman	4	1,335	4	1,335	4.4	1,353
Financial clerk	6.5	1,348	6.5	1,348	7	1,331
Carpenter	9	1,360	9	1,360	9	1,353
Junior clerk	34.5	1,354	34.5	1,354	29.6	1,343
Assistant engineer	4	1,320	4	1,320	4	1,320
Interpreter	1	1,320	1	1,320	1	1,320
Underclerk					5	1,170

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Support and Civilization of Indians—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service—Continued.						
Salaries and wages—Continued.	*Average—*		*Average—*		*Average—*	
Salary range, $1,020 to $1,260; average, $1,140—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Blacksmith					0.3	$1,260
Cook	1	$1,140	1	$1,140		
Financial clerk	1	1,140	1	1,140		
Interpreter	2	1,170	2	1,170	1	1,020
Salary range, $900 to $1,140; average, $1,020—						
Blacksmith	4	1,140	4	1,140	2.7	1,155
Assistant engineer					1	1,140
Laborer	53	1,043	53	1,043	49.3	1,020
Cook	2	1,080	2	1,080	3	1,060
Messenger	1	900	1	900	1	900
Salary range, $780 to $1,020; average, $900—						
Seamstress	1	1,020	1	1,020	1	1,020
Laundress	2	900	2	900	2	900
Laborer	19	900	19	900	17	900
Salary range, $600 to $780; average, $690—						
Line rider	2	660	2	660	2	660
Assistant	3	660	3	660	4.9	660
Laborer	1	660	1	660	2	660
Salary range, $420 to $600; average, $510—						
Laborer	1	540	1	540	1	540
Assistant	1	540	1	540	1	540
Housekeeper	1	540	1	540		
Ungraded—						
Physician	12	645	12	645	10.5	607
Total average number of employees	412.6		412.6		382.8	
Total salaries and wages, field service		644,259.00		644,259.00		581,420.00
Deduct allowance value of quarters, fuel, and light		53,690.00		53,690.00		51,420.00
Cash payment, salaries and wages		590,569.00		590,569.00		530,000.00
Miscellaneous and temporary labor, $8 to $1 per day		20,000.00		20,000.00		29,149.37
01 Total personal services		610,569.00		610,569.00		559,149.37
Supplies and materials:						
0200 Stationery and office supplies		500.00		500.00		547.43
0210 Medical supplies		12,000.00		12,000.00		10,754.35
0220 Scientific and educational supplies		200.00		200.00		177.53
0230 Fuel		58,000.00		58,000.00		54,016.96
0240 Wearing apparel and sewing supplies		3,500.00		3,500.00		1,442.98
0250 Forage and other supplies for animals		9,500.00		9,500.00		8,174.03
0260 Provisions		48,000.00		45,000.00		42,258.48
0280 Sundry supplies		11,000.00		10,000.00		11,179.03
02 Total supplies and materials		142,700.00		138,700.00		128,550.79
Communication service:						
0500 Telegraph service		300.00		300.00		206.73
0510 Telephone service		6,500.00		6,500.00		6,348.98
0520 Other communication service		200.00		200.00		315.81
05 Total communication service		7,000.00		7,000.00		6,871.52
06 Travel expenses		28,000.00		28,000.00		27,527.23
07 Transportation of things		20,000.00		20,000.00		18,723.67
08 Printing, engraving, lithographing, photographing and typewriting		500.00		400.00		472.89
09 Advertising and publication of notices		200.00		200.00		175.48
10 Furnishing of heat, light, fuel, water, and electricity		9,500.00		9,000.00		9,024.49
11 Rents		300.00		300.00		286.02
12 Repairs and alterations		50,000.00		49,000.00		47,717.68
13 Special and miscellaneous expenses		2,231.00		3,931.00		3,207.57
22 Grants, subsidies, and contributions		1,500.00		1,500.00		933.73
Equipment:						
3000 Passenger-carrying vehicles		4,500.00		5,000.00		4,601.17
3010 Furniture, furnishings, and fixtures		8,000.00		9,000.00		10,545.90
3020 Educational, scientific, and recreational supplies		200.00		200.00		123.70
3040 Livestock		300.00		200.00		344.00
3050 Other equipment		10,000.00		13,000.00		10,918.11
30 Total equipment		23,000.00		27,400.00		26,532.88
32 Structures and parts and nonstructural improvements to land		3,500.00		3,000.00		8,826.68
				899,000.00		839,000.00
Unobligated balance						10,000.00
Transferred to department stationery account		1,000.00		1,000.00		1,000.00
Total		900,000.00		900,000.00		850,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Expenses, Tongue River Tribal Council—		
For expenses of the tribal council of the Tongue River Indians, Montana, and of delegates of the council to the city of Washington on tribal business, $1,500 (act June 3, 1926, vol. 44, p. 690) (submitted)	$1,500.00	
13 Special and miscellaneous expenses: Expenditure—1929, $1,500.		
For general support [and civilization] of Indians *and administration of Indian property,* including pay of employees in accordance with treaty stipulations named, in not to exceed the following amounts, respectively:		
Support of Coeur d'Alenes, Idaho—		
For [the] Coeur d'Alenes, [in] Idaho: For pay of blacksmith, carpenter, and physician, and purchase of medicines (article 11, agreement ratified March 3, 1891), [$4,360] *$3,360 (acts Mar. 3, 1891, vol. 26, p. 1029, sec. 19; Jan. 12, 1927, vol. 44, p. 952)*	3,360.00	$4,360.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $1,140 to $1,500; average, $1,320—						
Financial clerk	1	$1,320	1	$1,320	1	$1,320
Salary range, $900 to $1,140; average, $1,020—						
Blacksmith	1	1,200	1	1,200	1	1,200
Ungraded—						
Physician	1	1,000	1	1,000	1	1,000
Total average number of employees	3		3		3	
Total salaries and wages, field service		3,520.00		3,520.00		3,519.99
Deduct allowance value of quarters, fuel and light furnished		300.00		300.00		300.00
01 Total personal services		3,220.00		3,220.00		3,219.99
02 Supplies and materials		140.00		200.00		197.90
				3,420.00		3,417.89
Unobligated balance						942.11
Reserve				940.00		
Total		3,360.00		4,360.00		4,360.00

Support of Bannocks: Employees, Idaho—

For [fulfilling treaty stipulations with the] Bannocks, [in] Idaho: For pay of physician, teacher, carpenter, miller, engineer, farmer, and blacksmith (article 10, treaty of July 3, 1868), $6,660 *(acts July 3, 1868, vol, 15, p. 676, sec. 1; Jan. 12, 1927, vol, 44, p. 952)* — 6,660.00 — 6,660.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $2,400 to $3,000; average, $2,700—						
Physician	1	$2,700	1	$2,700	0.3	$2,700
Salary range, $2,100 to $2,700; average, $2,400—						
Physician					0.7	2,400
Salary range, $1,320 to $1,680; average, $1,500—						
Carpenter	1	1,620	1	1,620		
Salary range, $1,140 to $1,500; average, $1,320—						
Teacher	1	1,380	1	1,380	1	1,380
Farmer	0.5	1,440	0.5	1,440	1	1,380
Carpenter					0.8	1,320
Salary range, $900 to $1,140; average, $1,020—						
Blacksmith	1	1,140	1	1,140	1	1,140
Total average number of employees	4.5		4.5		4.8	
Total salaries and wages, field service		7,560.00		7,560.00		7,483.50
Deduct allowance value of quarters, fuel, and light furnished		900.00		900.00		936.00
01 Total personal services		6,660.00		6,660.00		6,547.50
				6,660.00		6,547.50
Unobligated balance						112.50
Total		6,660.00		6,660.00		6,660.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Fulfilling Treaties with Crows, Montana—		
For [fulfilling treaties with] Crows, Montana: For pay of physician, carpenter, miller, engineer, farmer, and blacksmith (article 10, treaty of May 7, 1868), and second blacksmith (article 8, same treaty), $6,380 (*acts May 7, 1868, vol. 15, p. 651, sec. 1; Jan. 12, 1927, vol. 44, p. 952*)	$6,380.00	$6,380.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $1,860 to $2,400; average, $2,100—						
Physician	1	$1,980	1	$1,980	0.9	$2,020
Salary range, $1,320 to $1,680; average, $1,500—						
Engineer	1	1,500	1	1,500	1	1,330
Salary range, $1,140 to $1,500; average, $1,320—						
Carpenter	1	1,320	1	1,320	1	1,320
Salary range, $900 to $1,140; average, $1,020—						
Laborer	1	1,260	1	1,260	1	1,320
Blacksmith	1	1,200	1	1,200	1	1,200
Total average number of employees	5		5		4.9	
Total salaries and wages, field service		7,260.00		7,260.00		7,008.82
Deduct allowance value of quarters, fuel, and light furnished		880.00		880.00		856.00
01 Total personal services		6,380.00		6,380.00		6,152.82
Unobligated balance						227.18
Total		6,380.00		6,380.00		6,380.00

	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Support of Northern Cheyennes and Arapahoes, Montana—		
For [support and civilization of the] Northern Cheyennes and Arapahoes (agreement with the Sioux Indians, approved February 28, 1877), including Northern Cheyennes removed from Pine Ridge Agency to Tongue River, Montana, and for pay of physician, two teachers, two carpenters, one miller, two farmers, a blacksmith, and engineer (article 7, treaty of May 10, 1868), [$80,000] *$75,000* (*acts May 10, 1868, vol. 15, p. 658, sec. 1; Jan. 12, 1927, vol. 44, p. 952*)	75,000.00	80,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $2,400 to $3,000; average, $2,700—						
Physician	1	$2,700	1	$2,700	0.2	$2,700
Salary range, $2,100 to $2,700; average, $2,400—						
Physician					0.8	2,400
Salary range, $1,680 to $2,040; average, $1,860—						
Senior clerk	1	2,000	1	2,000	1	1,920
Salary range, $1,320 to $1,680; average, $1,500—						
Superintendent of livestock	1	1,860	1	1,860	0.6	1,860
Superintendent of livestock					0.4	1,620
Carpenter	1	1,620	1	1,620	1	1,620
Assistant clerk	2	1,500	2	1,500	2	1,500
Financial clerk	1	1,560	1	1,560	1	1,500
Miller	1	1,500	1	1,500	1	1,500
Salary range, $1,140 to $1,500; average, $1,320—						
Stockman	1	1,320	1	1,320	1	1,320
Teacher	1	1,380	1	1,380	1	1,380
Salary range, $900 to $1,140; average, $1,020—						
Blacksmith	1	1,140	1	1,140	1	1,140
Laborer	1	1,080	1	1,080	1	1,080
Salary range, $780 to $1,020; average, $900—						
Cook	1	1,020	1	1,020	1	960
Total average number of employees	13		13		13	
Total salaries and wages, field service		20,120.00		20,120.00		19,644.00
Deduct allowance value of quarters, fuel, and light furnished		2,280.00		2,280.00		2,280.00
Cash payment, salaries and wages		17,840.00		17,840.00		17,364.00
Miscellaneous and temporary labor, $8 to $1 per day		7,000.00		7,000.00		7,656.46
01 Total personal services		24,840.00		24,840.00		25,020.46
Supplies and materials:						
0200 Stationery and office supplies		200.00		200.00		217.27
0210 Medical supplies		500.00		500.00		296.06
0230 Fuel		6,000.00		6,000.00		5,782.95
0250 Forage and other supplies for animals		500.00		500.00		308.11
0260 Provisions		10,000.00		13,000.00		7,679.03
0280 Sundry supplies		2,000.00		3,000.00		2,954.32
02 Total supplies and materials		19,200.00		23,200.00		17,237.74

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Support of Northern Cheyennes and Arapahoes, Montana—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Communication service:			
0500 Telegraph service	$25.00	$25.00	$8.04
0510 Telephone service	75.00	75.00	55.20
05 Total communication service	100.00	100.00	63.24
06 Travel expense	500.00	500.00	357.14
07 Transportation of things	2,000.00	2,000.00	1,298.70
11 Rents	100.00	100.00	105.50
12 Repairs and alterations	5,000.00	5,000.00	7,048.03
13 Special and miscellaneous expenses	260.00	160.00	119.98
22 Grants, subsidies, and contributions (tuition)	22,000.00	22,000.00	18,398.23
Equipment:			
3010 Furniture, furnishings, and fixtures	500.00	600.00	709.08
3050 Other equipment	500.00	500.00	946.68
30 Total equipment	1,000.00	1,100.00	1,655.76
		79,000.00	71,304.78
Unobligated balance			8,695.22
Reserve		1,000.00	
Total	75,000.00	80,000.00	80,000.00

Fulfilling Treaties with Pawnees, Oklahoma—
Support of Pawnees: Schools, Oklahoma—
Support of Pawnees: Employees, etc., Oklahoma—
Support of Pawnees: Iron, Steel, etc., Oklahoma—

For [fulfilling treaties with] Pawnees, Oklahoma: For perpetual annuity, to be paid in cash to the Pawnees (article 3, agreement of November 23, 1892), $30,000; for support of two manual-labor schools (article 3, treaty of September 24, 1857), $11,000; for pay of one farmer, two blacksmiths, one miller, one engineer, and apprentices, and two teachers (article 4, same treaty), $7,300; for purchase of iron and steel and other necessaries for the shops (article 4, same treaty), $500; for pay of physician and purchase of medicines, $1,200; in all, $50,000 (*acts Sept. 24, 1857, vol. 11, p. 729, sec. 1; Mar. 3, 1893, vol. 27, p. 644, sec. 12; Jan. 12, 1927, vol. 44, p. 952*) $50,000.00 $50,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $1,680 to $2,040; average, $1,860—						
Senior clerk	1	$1,920	1	$1,920	1	$1,860
Salary range, $1,320 to $1,680; average, $1,500—						
Financial clerk	1	1,500	1	1,500	1	1,500
Salary range, $1,140 to $1,500; average, $1,320—						
Teacher	1.8	1,440	1.8	1,440	1.8	1,380
General mechanic	1	1,440	1	1,440	1	1,380
Farmer	1	1,440	1	1,440	1	1,410
Salary range, $1,020 to $1,260; average, $1,140—						
Matron	1	1,140	1	1,140		
Salary range, $900 to $1,140; average, $1,020—						
Laborer	1	1,020	1	1,020	1	1,020
Matron	1	1,020	1	1,020	2	1,050
Ungraded—						
Physician	1	540	1	540	1	540
Total average number of employees	9.8		9.8		9.8	
Total salaries and wages, field service		12,612.00		12,612.00		12,294.00
Deduct allowance value of quarters, fuel, and light		1,464.00		1,464.00		1,464.00
Cash payment, salaries and wages		11,148.00		11,148.00		10,830.00
Miscellaneous and temporary labor $8 to $1 per day		1,500.00		1,500.00		1,990.74
01 Total personal services		12,648.00		12,648.00		12,820.74
Supplies and materials:						
0200 Stationery and office supplies				50.00		
0210 Medical supplies		200.00		200.00		42.41
0230 Fuel		600.00		700.00		65.05
0240 Wearing apparel and sewing supplies		1,000.00		1,000.00		113.29
0250 Forage and other supplies for animals		600.00		800.00		595.63
0260 Provisions		1,000.00		1,000.00		282.10
0280 Sundry supplies		200.00		150.00		545.25
02 Total supplies and materials		3,600.00		3,900.00		1,643.73

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Support of Pawnees: Iron, Steel, etc., Oklahoma—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
05	Communication service	$50.00	$50.00	$30.00
06	Travel expense			9.00
07	Transportation of things	50.00	50.00	50.93
08	Printing, engraving, lithographing, photographing, and typewriting			22.20
10	Furnishing of heat, light, power, water, and electricity	2,000.00	2,000.00	2,136.28
12	Repairs and alterations	900.00	800.00	882.26
13	Special and miscellaneous expenses	52.00	52.00	48.68
	Equipment:			
3000	Passenger-carrying vehicles			465.00
3010	Furniture, furnishings, and fixtures	500.00	300.00	836.88
3020	Educational, scientific, and recreational supplies	50.00		72.03
3040	Livestock			100.00
3050	Other equipment	150.00	200.00	74.81
30	Total equipment	700.00	500.00	1,548.72
51	Payment of amount fixed in treaties with Indians	30,000.00	30,000.00	30,000.00
			50,000.00	49,192.54
	Unobligated balance			807.46
	Total	50,000.00	50,000.00	50,000.00

Support of Quapaws: Education, Oklahoma—
Support of Quapaws, Employees, etc., Oklahoma—

For [support of] Quapaws, Oklahoma: For education (article 3, treaty of May 13, 1833), $1,000; for blacksmith and assistants, and tools, iron, and steel for blacksmith shop (same article and treaty), $1,040; in all, $2,040: *Provided*, That the President of the United States shall certify the same to be for the best interests of the Indians (*acts May 13, 1833, vol. 7, p. 424, sec. 1; Jan. 12, 1927, vol. 44, p. 952*) ..... $2,040.00 | $2,040.00

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:							
Salaries and wages—		*Average—*		*Average—*		*Average—*	
Salary range, $900 to $1,140; average, $1,020—		*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Blacksmith	1	$1,140	1	$1,140	0.7	$1,140
	Total average number of employees	1		1		0.7	
	Total salaries and wages, field service		1,140.00		1,140.00		800.00
	Deduct allowance value of quarters, fuel, and light furnished		120.00		120.00		80.00
01	Total personal services		1,020.00		1,020.00		720.00
02	Supplies and materials		20.00		20.00		44.38
22	Grants, subsidies, and contributions (tuition)		1,000.00		1,000.00		1,000.00
					2,040.00		1,764.38
	Unobligated balance						275.62
	Total		2,040.00		2,040.00		2,040.00

Support of Sioux of Different Tribes: Employees, etc.—
Support of Sioux of Different Tribes: Subsistence and Civilization—

For [support of] Sioux of different tribes, including Santee Sioux of Nebraska, North Dakota, and South Dakota: For pay of five teachers, one physician, one carpenter, one miller, one engineer, two farmers, and one blacksmith (article 13, treaty of April 29, 1868), $14,400; for pay of second blacksmith, and furnishing iron, steel, and other material (article 8 of same treaty), $1,600; for pay of additional employees of the several agencies for the Sioux in Nebraska, North Dakota, and South Dakota, [$134,426] *$127,000*; for subsistence of the Sioux and for purposes of their civilization (act of February 28, 1877), [$214,574] *$222,000*: *Provided*, That this sum shall include transportation of supplies from the termination of railroad or steamboat transportation, and in this service Indians shall be employed whenever practicable; in all, $365,000 (*acts Apr. 29, 1868, vol. 15, p. 635, sec. 13; Feb. 28, 1877, vol. 19, p. 254, sec. 5; Jan. 12, 1927, vol. 44, p. 952*) ..... 365,000.00 | 365,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Support of Sioux of Different Tribes: Subsistence and Civilization—Continued.

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Field service:						
	Salaries and wages—	*Average—*		*Average—*		*Average—*	
	Salary range, $3,000 to $3,600; average, $3,300—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Superintendent					0.2	$3,300
	Salary range, $2,400 to $3,000; average, $2,700—						
	Physician	2	$2,700	2	$2,700	2	2,700
	Superintendent	0.5	2,700	0.5	2,700	0.5	2,700
	Salary range, $2,100 to $2,760; average, $2,400—						
	Physician	6.5	2,400	6.5	2,400	2.9	2,400
	Salary range, $1,860 to $2,400; average, $2,100—						
	Principal clerk	2	2,200	2	2,200	2	2,150
	Physician					3.6	2,100
	Special officer	1	2,100	1	2,100	1	2,100
	Salary range, $1,680 to $2,040; average, $1,860—						
	Senior clerk	2	1,920	2	1,920	2	1,860
	General mechanic	1	1,860	1	1,860	1	1,860
	Salary range, $1,500 to $1,860; average, $1,680—						
	Clerk	8	1,703	8	1,703	8	1,697
	Financial clerk	1	1,680	1	1,680	1	1,680
	Nurse	2	1,680	2	1,680	2	1,680
	Salary range, $1,320 to $1,680; average, $1,500—						
	Carpenter	2	1,620	2	1,620	2	1,620
	Engineer	1	1,500	1	1,500	1	1,500
	Assistant clerk	10	1,500	10	1,500	9	1,500
	Financial clerk					1	1,500
	Salary range, $1,140 to $1,500; average, $1,320—						
	Practical nurse	1	1,440	1	1,440	1	1,440
	Farmer	13	1,422	13	1,422	12.5	1,404
	Teacher	4	1,380	4	1,380	4	1,380
	General mechanic	1	1,380	1	1,380	1	1,380
	Junior clerk	14.5	1,347	14.5	1,347	14.5	1,345
	Stockman	1	1,320	1	1,320	1	1,338
	Assistant engineer	1	1,320	1	1,320	1	1,320
	Telephone operator	1	1,320	1	1,320	1	1,320
	Carpenter					0.8	1,320
	Salary range, $1,020 to $1,260—						
	Telephone operator	1	1,140	1	1,140		
	Cook	1	1,140	1	1,140		
	Salary range, $900 to $1,140; average, $1,020—						
	Blacksmith	3	1,140	3	1,140	3	1,148
	Laborer	20	1,049	20	1,049	20	1,049
	Cook					1	1,020
	Salary range, $780 to $1,020; average, $900—						
	Laborer	9	907	9	907	9	907
	Salary range, $600 to $780; average, $690—						
	Laborer	2	675	2	675	3	660
	Assistant	2	660	2	660	2	660
	Ungraded—						
	Physician	1	720	1	720	1	720
	Total average number of employees	114.5		114.5		115	
	Total salaries and wages, field service		161,505.00		161,505.00		158,343.00
	Deduct allowance value of quarters, fuel, and light furnished		19,370.00		19,370.00		19,008.00
	Cash payment, salaries and wages		142,135.00		142,135.00		139,335.00
	Miscellaneous and temporary labor, $8 to $1 per day		10,000.00		10,000.00		19,337.36
01	Total personal services		152,135.00		152,135.00		158,672.36
	Supplies and materials:						
0200	Stationery and office supplies		100.00		100.00		16.09
0210	Medical supplies		4,000.00		4,000.00		3,338.70
0230	Fuel		14,000.00		14,000.00		12,908.50
0240	Wearing apparel and sewing supplies		500.00		500.00		170.21
0250	Forage and other supplies for animals		900.00		800.00		854.21
0260	Provisions		65,000.00		65,000.00		61,153.36
0280	Sundry supplies		5,000.00		3,500.00		4,779.62
02	Total supplies and materials		89,500.00		87,900.00		83,220.72
	Communication service:						
0500	Telegraph service		75.00		75.00		57.03
0510	Telephone service		200.00		200.00		184.85
0520	Other communication service		125.00		125.00		101.51
05	Total communication service		400.00		400.00		343.39
06	Travel expense		2,000.00		2,000.00		2,152.83
07	Transportation of things		29,000.00		29,000.00		27,913.37
08	Printing, engraving, lithographing, photographing, and typewriting		150.00		150.00		91.01
12	Repairs and alterations		12,000.00		11,000.00		9,631.81
13	Special and miscellaneous expenses		315.00		415.00		295.89
	Grants, subsidies, and contributions:						
2240	Tuition		69,000.00		68,500.00		68,926.00
2250	Burial expenses		500.00		500.00		516.75
22	Total grants, subsidies, and contributions		69,500.00		69,000.00		69,442.75

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Support of Sioux of Different Tribes: Subsistence and Civilization—Continued

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Equipment:			
3000	Passenger-carrying vehicles	$1,000.00	$1,000.00	$512.30
3010	Furniture, furnishings, and fixtures	2,500.00	3,000.00	1,888.68
3040	Livestock	3,000.00	2,000.00	4,337.50
3050	Other equipment	3,500.00	1,500.00	756.26
30	Total equipment	10,000.00	7,500.00	7,494.74
32	Structures and parts, and nonstructural improvements to land		2,000.00	622.70
			361,500.00	359,884.60
	Unobligated balance			15,115.40
	Reserve		3,500.00	
	Total	365,000.00	365,000.00	375,000.00

Support of Confederated Bands of Utes: Employees, etc., Utah—
Support of Confederated Bands of Utes: Subsistence, Utah—

For [support and civilization of] Confederated Bands of Utes: For pay of two carpenters, two millers, two farmers, and two blacksmiths (article 15, treaty of March 2, 1868), $9,660; for pay of two teachers (same article and treaty), $2,400; for purchase of iron and steel and the necessary tools for blacksmith shop (article 9, same treaty), $220; for annual amount for the purchase of beef, mutton, wheat flour, beans, and potatoes, or other necessary articles of food and clothing, and farming equipment (article 12, same treaty), [$23,760] *$23,720*; for pay of employees at the several Ute agencies, $19,000; in all (*acts Mar. 2, 1868, vol. 15, p. 619, sec. 15; Jan. 12, 1927, vol. 44, p. 953*) $55,000.00 $55,040.00

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Field service:						
	Salaries and wages—	*Average—*		*Average—*		*Average—*	
	Salary range, $2,100 to $2,700; average, $2,400—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Physician	2	$2,400	2	$2,400	2	$2,400
	Salary range, $1,680 to $2,040; average, $1,860—						
	Senior clerk	2	1,930	2	1,930	2	1,890
	Salary range, $1,500 to $1,860; average, $1,680—						
	Principal	1	1,680	1	1,680	1	1,680
	Clerk	1	1,680	1	1,680	1	1,680
	Financial clerk	1	1,680	1	1,680	1	1,680
	Nurse	1	1,680	1	1,680	1	1,680
	Salary range, $1,320 to $1,680; average, $1,500—						
	Assistant clerk	1	1,500	1	1,500	1	1,500
	Engineer	1	1,560	1	1,560	1	1,500
	Salary range, $1,140 to $1,500; average, $1,320—						
	Teacher	1	1,380	1	1,380	1	1,380
	Farmer	4	1,380	4	1,380	4	1,380
	Carpenter	1	1,380	1	1,380	1	1,320
	Financial clerk	1	1,320	1	1,320	1	1,320
	Junior clerk	1	1,380	1	1,380	1	1,320
	Salary range, $900 to $1,140; average, $1,020—						
	Blacksmith	3	1,220	3	1,220	3	1,180
	Laborer	1	1,020	1	1,020	1	1,020
	Ungraded—						
	Physician	0.8	700	0.8	700	0.8	700
	Total average number of employees	22.8		22.8		22.8	
	Total salaries and wages, field service		34,660.00		34,660.00		34,280.00
	Deduct allowance value of quarters, fuel, and light furnished		3,960.00		3,960.00		4,260.00
	Cash payment, salaries and wages		30,700.00		30,700.00		30,020.00
	Miscellaneous and temporary labor, $8 to $1 per day		500.00		500.00		777.98
01	Total personal services		31,200.00		31,200.00		30,797.98
	Supplies and materials:						
0240	Wearing apparel and sewing supplies		2,000.00		1,500.00		440.75
0250	Forage and other supplies for animals		500.00		500.00		150.00
0260	Provisions		20,500.00		20,000.00		18,736.74
0280	Sundry supplies		800.00		1,340.00		
02	Total supplies and materials		23,800.00		23,340.00		19,327.40
					54,540.00		50,125.38
	Unobligated balance						4,914.62
	Reserve				500.00		
	Total		55,000.00		55,040.00		55,040.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Support of Spokanes, Washington— For support of Spokanes in Washington (article 6 of agreement with said Indians, dated March 18, 1887, ratified by act of July 13, 1892) (*acts July 13, 1892, vol. 27, p. 139, sec. 1; Jan. 12, 1927, vol. 44, p. 953*)	$1,320.00	$1,320.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
01 Total personal services (irregular labor)	$1,320	$1,320	$991
Unobligated balance			329
Total	1,320	1,320	1,320

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Support of Shoshones, Employees, etc., Wyoming— For support of Shoshones in Wyoming: For pay of physician, teacher, carpenter, miller, engineer, farmer, and blacksmith (article 10, treaty of July 3, 1868), $6,000; for pay of second blacksmith, and such iron and steel and other materials as may be required, as per article 8, same treaty, $1,240; in all (*acts July 3, 1868, vol. 15, p. 673, sec. 10; Jan. 12, 1927, vol. 44, p. 953*)	7,240.00	7,240.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $2,400 to $3,000; average, $2,700—						
Physician	1	$2,700	1	$2,700	0.3	$2,700
Salary range, $2,100 to $2,700; average, $2,400—						
Physician					.0.7	2,400
Salary range, $1,320 to $1,680; average, $1,500—						
Engineer	1	1,560	1	1,560	1	1,500
Salary range, $1,140 to $1,500; average, $1,320—						
Farmer	1	1,380	1	1,380	1	1,380
Salary range, $900 to $1,140; average, $1,020—						
Blacksmith	1	1,260	1	1,260	0.5	1,260
Total average number of employees	4		4		3.5	
Total salaries and wages, field service		6,840.00		6,840.00		5,999.16
Deduct allowance value of quarters, fuel, and light furnished		780.00		780.00		720.00
01 Total personal services		6,060.00		6,060.00		5,279.16
02 Supplies and materials		580.00		580.00		28.83
12 Repairs and alterations		600.00		600.00		642.01
				7,240.00		5,950.00
Unobligated balance						1,290.00
Total		7,240.00		7,240.00		7,240.00

In all, for treaty stipulations, not to exceed [$579,540] *$572,000.*

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Support of Indians, Quapaw Agency, Okla. (Reimbursable)— For expenses incident to the administration of the restricted or trust property of Indians under the Quapaw Indian Agency, $15,000, reimbursable to the United States, as provided in the act of February 14, 1920 (Forty-first Statutes at Large, page 415) (*U. S. C., p. 690, sec. 13; act Jan. 12, 1927, vol. 44, p. 953*)	15,000.00	15,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $2,400 to $3,000; average, $2,700—						
Superintendent	1	$3,100	1	$3,100	1	$3,100
Salary range, $1,680 to $2,040; average, $1,860—						
Principal clerk	1	2,400	1	2,400	1	2,350
Salary range, $1,500 to $1,860; average, $1,680—						
Clerk	1	2,040	1	2,040	1	2,040
Appraiser	1	1,800	1	1,800	1	1,740
Salary range, $1,320 to $1,680; average, $1,500—						
Financial clerk	1	1,860	1	1,860	1	1,770
Salary range, $1,140 to $1,500; average, $1,320—						
Junior clerk	2	1,470	2	1,470	2	1,455
Total average number of employees	7		7		7	
01 Total personal services		14,140.00		14,140.00		13,045.25
02 Supplies and materials		150.00		150.00		23.80

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Support of Indians, Quapaw Agency, Okla. (Reimbursable)—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Communication service:			
0510	Telephone service	$125.00	$125.00	$129.90
0250	Other communication service	25.00	25.00	17.70
05	Total communication service	150.00	150.00	147.60
06	Travel expense	400.00	400.00	334.97
12	Repairs and alterations	100.00	100.00	323.63
13	Special and miscellaneous expenses	60.00	60.00	74.75
			15,000.00	14,850.00
	Unobligated balance			150.00
	Total	15,000.00	15,000.00	15,000.00

For *general* support [and civilization] of Indians *and administration of Indian property* under the jurisdiction of the following agencies, to be paid from the funds held by the United States in trust for the respective tribes, in not to exceed the following sums, respectively:

Miscellaneous Indian Funds, Arizona (Tribal Funds)—

Arizona: Colorado River, $4,500; Fort Apache, [$125,000] *$135,000, of which $3,500 may be used for construction of farmer's quarters at the Carrizo Station, including necessary outbuildings and well, and $5,000 may be used for construction, repairs, and improvements at the agency plant*; Fort Mojave, [$1,000] *$300*; Kaibab, [$2,000] *$7,000*; Pima, [$800] *$500*; Salt River, $300; San Carlos, [$74,000] *$78,000*; Truxton Canyon, $30,000; in all, [$237,600] *$255,600 (U. S. C., p. 697, sec. 123; act Jan. 12, 1927, vol. 44, p. 953)*.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	COLORADO RIVER			
01	Total personal services (irregular labor)	$900.00	$1,000.00	$1,348.50
	Supplies and materials:			
0210	Medical supplies	400.00	400.00	359.44
0230	Fuel	700.00	700.00	679.26
0260	Provisions	1,000.00	1,000.00	1,113.21
0280	Sundry supplies	100.00	100.00	49.58
02	Total supplies and materials	2,200.00	2,200.00	2,201.49
05	Communication service	25.00	25.00	14.96
06	Travel expense	250.00	250.00	236.93
07	Transportation of things	100.00	100.00	26.06
12	Repairs and alterations	600.00	500.00	711.76
13	Special and miscellaneous expenses	275.00	125.00	458.25
	Equipment:			
3000	Passenger-carrying vehicles			584.00
3010	Furniture, furnishings, and fixtures	50.00	100.00	38.28
3050	Other equipment	100.00	200.00	83.65
30	Total equipment	150.00	300.00	705.93
				5,703.88
	Unobligated balance			296.12
	Total	4,500.00	4,500.00	6,000.00
	Transferred from Indian moneys, proceeds of labor	4,500.00	4,500.00	6,000.00

FORT APACHE

		Average— No.	Salary	Average— No.	Salary	Average— No.	Salary
	Field Service:						
	Salaries and wages—						
	Salary range, $2,400 to $3,000; average, $2,700—						
	Physician	1	$2,700	1	$2,700	0.3	$2,700
	Salary range, $2,100 to $2,700; average, $2,400—						
	Physician					0.7	2,400
	Salary range, $1,860 to $2,400; average, $2,100—						
	Financial clerk	1	2,100	1	2,100	1	2,100
	Senior forest ranger	1	2,100	1	2,100	0.1	2,100
	Salary range, $1,680 to $2,040; average, $1,860—						
	Forest ranger					0.9	1,860
	Salary range, $1,500 to $1,860; average, $1,680—						
	Clerk	1	1,800	1	1,800	0.8	1,740
	Salary range, $1,320 to $1,680; average, $1,500—						
	Assistant clerk	2	1,560	2	1,560	2.2	1,525
	Salary range, $1,140 to $1,500; average, $1,320—						
	Farmer	2	1,500	2	1,500	2	1,500
	Stockman	5	1,392	5	1,392	5	1,360
	Junior clerk	2	1,320	2	1,320	2	1,320
	Assistant engineer	1	1,320	1	1,320	1	1,320

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Miscellaneous Indian Funds, Arizona (Tribal Funds)—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
FORT APACHE—continued			
Field service—Continued.			
Salaries and wages—Continued.	*Average—* *No.* *Salary*	*Average—* *No.* *Salary*	*Average—* *No.* *Salary*
Salary range, $900 to $1,140; average, $1,020—			
Blacksmith	2 $1,200	2 $1,200	2 $1,200
Laborer	3 1,020	3 1,020	3 1,020
Salary range, $780 to $1,020; average, $900—			
Laborer	1 900	1 900	1 900
Total average number of employees	22	22	22
Total salaries and wages, field service	32,100.00	32,100.00	31,341.00
Deduct allowance value of quarters, fuel, and light furnished	3,840.00	3,840.00	3,762.00
Cash payment, salaries and wages	28,260.00	28,260.00	27,579.00
Miscellaneous and temporary labor $8 to $1 per day	30,000.00	30,000.00	32,745.99
01 Total personal services	58,260.00	58,260.00	60,324.99
Supplies and materials:			
0200 Stationery and office supplies	50.00	50.00	
0210 Medical supplies	1,000.00	1,000.00	679.71
0220 Scientific and educational supplies	100.00	100.00	
0230 Fuel	2,200.00	2,000.00	2,038.26
0240 Wearing apparel and sewing supplies	200.00	200.00	
0250 Forage and other supplies for animals	10,000.00	10,000.00	8,429.32
0260 Provisions	5,000.00	5,000.00	3,033.26
0280 Sundry supplies	2,500.00	2,000.00	1,074.78
02 Total supplies and materials	21,050.00	20,350.00	15,255.33
Communication service:			
0500 Telegraph service	25.00	25.00	24.64
0510 Telephone service	75.00	75.00	13.25
05 Total communication service	100.00	100.00	37.89
06 Travel expense	2,000.00	2,000.00	1,206.19
07 Transportation of things	6,000.00	6,000.00	3,033.33
11 Rents	100.00	100.00	106.64
12 Repairs and alterations	7,500.00	5,000.00	3,941.29
13 Special and miscellaneous expenses	390.00	590.00	727.70
22 Grants, subsidies, and contributions	100.00	100.00	55.80
Equipment:			
3000 Passenger-carrying vehicles	500.00	1,000.00	574.28
3010 Furniture, furnishings, and fixtures	1,000.00	1,500.00	643.22
3040 Livestock	8,000.00	8,000.00	5,910.00
3050 Other equipment	4,000.00	5,500.00	6,865.61
30 Total equipment	13,500.00	16,000.00	13,993.11
32 Structures and parts, and nonstructural improvements to land	26,000.00	16,500.00	8,453.14
Unobligated balance			107,135.41
			21,864.59
Total	135,000.00	125,000.00	129,000.00
Transferred from Indian moneys, proceeds of labor	135,000.00	125,000.00	129,000.00
FORT MOJAVE			
01 Total personal services (irregular labor)	100.00	400.00	
02 Supplies and materials		100.00	31.65
06 Travel expense	100.00	100.00	86.07
07 Transportation of things	100.00	100.00	32.98
12 Repairs and alterations		300.00	28.46
30 Equipment			453.81
Unobligated balance			632.97
			367.03
Total	300.00	1,000.00	1,000.00
Transferred from Indian moneys, proceeds of labor	300.00	1,000.00	1,000.00
KAIBAB			
Field service:			
Salaries and wages—			
Salary range, $1,140 to $1,500; average, $1,320—			
Financial clerk	0.5 1,320	0.5 1,320	0.5 1,320
Farmer	1 1,440	1 1,440	1 1,440
Total average number of employees	1.5	1.5	1.5
Total salaries and wages, field service	2,100.00	2,100.00	2,100.00
Deduct allowance value of quarters, fuel, and light furnished	270.00	270.00	270.00
Cash payment, salaries and wages	1,830.00	1,830.00	1,830.00
Miscellaneous and temporary labor, $8 to $1 per day	740.00	740.00	658.70
01 Total personal services	2,570.00	2,570.00	2,508.70

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Miscellaneous Indian Funds, Arizona (Tribal Funds)—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
KAIBAB—continued			
Supplies and materials:			
0210 Medical supplies	$150.00	$100.00	$73.95
0230 Fuel	300.00	200.00	75.58
0240 Wearing apparel and sewing supplies	500.00	500.00	204.20
0250 Forage and other supplies for animals	200.00	200.00	190.00
0260 Provisions	1,000.00	1,000.00	516.77
0280 Sundry supplies	500.00	100.00	71.43
02 Total supplies and materials	2,650.00	2,100.00	1,131.93
06 Travel expenses	200.00	200.00	159.11
07 Transportation of things	100.00	100.00	28.76
12 Repairs and alterations	1,100.00	1,000.00	502.43
22 Grants, subsidies, and contributions	100.00	100.00	99.13
Equipment:			
3000 Passenger-carrying vehicles			612.30
3010 Furniture, furnishings, and fixtures	100.00		6.37
3050 Other equipment	180.00	30.00	136.97
30 Total equipment	280.00	30.00	755.64
			5,185.70
Unobligated balance			914.30
Total	7,000.00	6,100.00	6,100.00
Transferred from Indian moneys, proceeds of labor	7,000.00	6,100.00	6,100.00
PIMA			
01 Total personal services (irregular labor)	200.00	500.00	100.00
02 Supplies and materials	300.00	300.00	259.40
06 Travel expense			8.50
12 Repairs and alterations			291.31
13 Special and miscellaneous expenses			305.00
32 Structures and parts, and nonstructural improvements to land			74.30
			1,038.51
Unobligated balance			961.49
Total	500.00	800.00	2,000.00
Transferred from Indian moneys, proceeds of labor	500.00	800.00	2,000.00
SALT RIVER			
01 Total personal service (irregular labor)	300.00	300.00	300.00
Total	300.00	300.00	300.00
Transferred from Indian moneys, proceeds of labor	300.00	300.00	300.00
SAN CARLOS			
Field service:			
Salaries and wages—	*Average*—	*Average*—	*Average*—
	No. *Salary*	*No.* *Salary*	*No.* *Salary*
Salary range, $2,100 to $2,700; average, $2,400—			
Physician	1 $2,400	1 $2,400	
Salary range, $1,860 to $2,400; average, $2,100—			
Physician	1 2,100	1 2,100	2 $2,100
Salary range, $1,320 to $1,680; average, $1,500—			
Superintendent of livestock	1 1,560	1 1,560	1 1,650
Overseer	1 1,680	1 1,680	1 1,620
Engineer			1 1,415
Assistant clerk	1 1,500	1 1,500	
Salary range, $1,140 to $1,500; average, $1,320—			
General mechanic	1 1,380	1 1,380	1 1,510
Farmer	1 1,440	1 1,440	1 1,440
Stockman	1 1,380	1 1,380	1.7 1,370
Carpenter			0.7 1,320
Assistant engineer	1 1,320	1 1,320	1 1,320
Forest guard	1 1,320	1 1,320	1 1,320
Salary range, $900 to $1,140; average, $1,020—			
Harness maker	1 1,140	1 1,140	1 1,140
Line rider	2 1,020	2 1,020	2 1,020
Laborer	6 1,020	6 1,020	6 1,020
Salary range, $780 to $1,020; average, $900—			
Laborer	1 900	1 900	1 900
Total average number of employees	20	20	21.4
Total salaries and wages, field service	26,280.00	26,280.00	27,928.00
Deduct allowance value of quarters, fuel, and light furnished	3,180.00	3,180.00	3,372.00
Cash payment, salaries and wages	23,100.00	23,100.00	24,556.00
Miscellaneous and temporary labor, $8 to $1 per day	10,000.00	10,000.00	6,184.64
01 Total personal services	33,100.00	33,100.00	30,740.64
Supplies and materials:			
0210 Medical supplies	600.00	600.00	346.38
0230 Fuel	7,000.00	6,500.00	6,380.22
0240 Wearing apparel and sewing supplies	1,500.00	1,200.00	1,182.88
0250 Forage and other supplies for animals	2,500.00	2,500.00	2,229.62
0260 Provisions	10,000.00	10,000.00	7,773.14
0280 Sundry supplies	1,400.00	1,200.00	978.94
02 Total supplies and materials	23,000.00	22,000.00	18,891.18

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), data of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Miscellaneous Indian Funds, Arizona (Tribal Funds)—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	SAN CARLOS—continued			
	Communication service:			
0500	Telegraph service	$20.00	$20.00	$6.44
0510	Telephone service	20.00	20.00	
0520	Other communication service	10.00	10.00	2.70
05	Total communication service	50.00	50.00	9.14
06	Travel expense	1,600.00	1,600.00	1,593.33
07	Transportation of things	3,000.00	3,000.00	2,510.83
12	Repairs and alterations	12,000.00	9,500.00	7,598.30
13	Special and miscellaneous expenses	450.00	450.00	137.35
22	Grants, subsidies, and contributions	100.00	100.00	67.00
	Equipment:			
3000	Passenger-carrying vehicles	1,000.00		927.94
3010	Furniture, furnishings, and fixtures	200.00	200.00	185.73
3040	Livestock	3,000.00	3,500.00	3,900.00
3050	Other equipment	500.00	500.00	352.63
30	Total equipment	4,700.00	4,200.00	5,366.30
				66,914.00
	Unobligated balance			7,086.00
	Total	78,000.00	74,000.00	74,000.00
	Transferred from Indian moneys, proceeds of labor	78,000.00	74,000.00	74,000.00
	TRUXTON CANYON			
	Field service:			
	Salaries and wages—	*Average*—	*Average*—	*Average*—
		No. *Salary*	*No.* *Salary*	*No.* *Salary*
	Salary range, $2,100 to $2,700; average, $2,400— Physician	1 $2,400	1 $2,400	0.3 $2,400
	Salary range, $1,860 to $2,400; average, $2,100— Physician			0.7 2,100
	Salary range, $1,680 to $2,040; average, $1,860— Senior clerk	1 1,860	1 1,860	1 1,860
	Salary range, $1,320 to $1,680; average, $1,500— Superintendent of livestock	1 1,500	1 1,500	1 1,605
	Salary range, $1,140 to $1,500; average, $1,320— Farmer	1 1,380	1 1,380	1 1,380
	Junior clerk			0.3 1,320
	Salary range, $900 to $1,140; average, $1,020— Laborer	2 1,140	2 1,140	2 1,140
	Total average number of employees	6	6	6.3
	Total salaries and wages, field service	9,420.00	9,420.00	9,711.00
	Deduct allowance value of quarters, fuel, and light furnished	1,080.00	1,080.00	1,092.00
	Cash payment, salaries and wages	8,340.00	8,340.00	8,619.00
	Miscellaneous and temporary labor, $8 to $1 per day	7,000.00	6,000.00	8,415.60
01	Total personal services	15,340.00	14,340.00	17,034.60
	Supplies and materials:			
0230	Fuel	2,000.00	2,000.00	1,945.10
0240	Wearing apparel and sewing supplies	500.00	500.00	349.26
0250	Forage and other supplies for animals	3,500.00	3,500.00	2,900.52
0260	Provisions	1,500.00	1,500.00	1,354.05
0280	Sundry supplies	700.00	500.00	317.63
02	Total supplies and materials	8,200.00	8,000.00	6,866.56
	Communication service:			
0500	Telegraph service	25.00	25.00	9.94
0510	Telephone service	75.00	75.00	53.25
05	Total communication service	100.00	100.00	63.19
06	Travel expense	100.00	100.00	36.17
07	Transportation of things	400.00	400.00	55.26
08	Printing, engraving, lithographing, photographing, and typewriting			6.00
10	Furnishing of heat, light, power, water, and electricity	1,500.00	1,400.00	1,235.34
12	Repairs and alterations	900.00	1,100.00	626.74
13	Special and miscellaneous expenses	60.00	60.00	63.00
22	Grants, subsidies, and contributions	200.00	200.00	189.26
	Equipment:			
3000	Passenger-carrying vehicles		500.00	402.86
3010	Furniture, furnishings, and fixtures	200.00	100.00	101.73
3040	Livestock	2,000.00	2,000.00	
3050	Other equipment	1,000.00	800.00	873.90
30	Total equipment	3,200.00	3,400.00	1,378.49
32	Structures and parts, and nonstructural improvements to land		900.00	241.81
				27,796.42
	Unobligated balance			4,203.58
	Total	30,000.00	30,000.00	32,000.00
	Transferred from Indian moneys, proceeds of labor	30,000.00	30,000.00	32,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Miscellaneous Indian Funds California (Tribal Funds)—
California: *Mission, $3,200;* Round Valley, $5,000; Tule River, $200; in all, [$5,200] *$8,400 (U. S. C., p. 697, sec. 123; act Jan. 12, 1927, vol. 44, p. 953).*

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
MISSION			
01 Total personal services (irregular labor)	$2,000.00		
Supplies and materials:			
0230 Fuel	100.00		
0260 Provisions	300.00		
02 Total supplies and materials	400.00		
12 Repairs and alterations	500.00		
13 Special and miscellaneous expenses	300.00		
Total	3,200.00		
Transferred from Indian moneys, proceeds of labor	3,200.00		
ROUND VALLEY			
Field service:			
Salaries and wages—	*Average—*	*Average—*	*Average—*
	No. *Salary*	*No.* *Salary*	*No.* *Salary*
Salary range, $3,000 to $3,600; average, $3,300—			
Superintendent	0.5 $3,800	0.5 $3,800	0.5 $3,800
Salary range, $1,680 to $2,040; average, $1,860—			
Physician			0.5 1,860
Salary range, $900 to $1,140; average, $1,020—			
Laborer	1 1,080	1 1,080	1 1,080
Ungraded—			
Physician	0.5 1,000	0.5 1,000	
Total average number of employees	2	2	2
Total salaries and wages, field service	3,480.00	3,480.00	3,910.00
Deduct allowances for quarters, fuel, and light	120.00	120.00	210.00
Cash payment, salaries and wages	3,360.00	3,360.00	3,700.00
Miscellaneous and temporary labor, $8 to $1 per day	240.00	240.00	251.13
01 Total personal services	3,600.00	3,600.00	3,951.13
Supplies and materials:			
0210 Medical supplies	150.00	150.00	73.95
0230 Fuel	200.00	200.00	193.22
0260 Provisions	300.00	300.00	286.89
0280 Sundry supplies	100.00	100.00	12.21
02 Total supplies and materials	750.00	750.00	566.27
05 Communication service			25.10
06 Travel expense	300.00	300.00	347.31
07 Transportation of things	100.00	100.00	172.34
11 Rents	100.00	100.00	107.25
12 Repairs and alterations	150.00	150.00	152.02
13 Special and miscellaneous expenses			105.72
30 Equipment			16.35
			5,443.49
Unobligated balance			1,556.51
Total	5,000.00	5,000.00	7,000.00
Transferred from Indian moneys, proceeds of labor and interest on Indian trust funds	5,000.00	5,000.00	7,000.00
TULE RIVER			
01 Total personal services (irregular labor)	100.00	100.00	47.50
Supplies and materials:			
0210 Medical supplies	20.00	20.00	12.80
0260 Provisions	50.00	50.00	53.30
0280 Sundry supplies	30.00	30.00	
02 Total supplies and materials	100.00	100.00	66.10
11 Rents			10.50
			124.10
Unobligated balance			75.90
Total	200.00	200.00	200.00
Transferred from Indian moneys, proceeds of labor	200.00	200.00	200.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Miscellaneous Indian Funds, Colorado (Tribal Funds)—
Colorado: Consolidated Ute (Southern Ute, $5,000; Ute Mountain, $14,500), $19,500 (*U. S. C., p. 697, sec. 123; act Jan. 12, 1927, vol, 44, p. 953*).

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
01	Total personal services (irregular labor)	$5,000.00	$5,000.00	$3,658.08
	Supplies and materials:			
0210	Medical supplies	400.00	400.00	246.37
0220	Scientific and educational supplies	400.00	400.00	389.10
0230	Fuel	2,000.00	2,000.00	1,798.88
0240	Wearing apparel and sewing supplies	3,000.00	3,000.00	2,820.39
0250	Forage and other supplies for animals	500.00	500.00	245.65
0260	Provisions	800.00	800.00	62.40
0280	Sundry supplies	800.00	800.00	644.29
02	Total supplies and materials	7,900.00	7,900.00	6,207.08
	Communication service:			
0500	Telegraph service	25.00	25.00	4.65
0510	Telephone service	100.00	100.00	
05	Total communication service	125.00	125.00	4.65
06	Travel expense	500.00	500.00	13.89
07	Transportation of things	100.00	100.00	100.80
08	Printing, engraving, lithographing, photographing, and typewriting			11.53
12	Repairs and alterations	2,000.00	2,000.00	1,135.50
13	Special and miscellaneous expenses	175.00	175.00	
	Equipment:			
3010	Furniture, furnisbings, and fixtures	300.00	300.00	288.97
3040	Livestock	3,000.00	3,000.00	
3050	Other equipment	400.00	400.00	431.22
30	Total equipment	3,700.00	3,700.00	720.19
				11,851.72
	Unobligated balance			7,648.28
	Total	19,500.00	19,500.00	19,500.00
	Transferred from Indian moneys, proceeds of labor	19,500.00	19,500.00	19,500.00

Miscellaneous Indian Funds, Idaho (Tribal Funds)—
Idaho: Coeur d'Alene, $16,000; Fort Hall, $25,000; Fort Lapwai $14,000; in all, $55,000 (*U. S. C., p. 697, sec. 123; act Jan. 12, 1927, vol. 44, p. 953*).

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
COEUR D'ALENE						
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $1,860 to $2,400; average, $2,100—						
Special officer	1	$2,100	1	$2,100	1	$2,100
Forest ranger	0.5	2,100	0.5	2,100	0.5	2,100
Salary range, $1,500 to $1,860; average, $1,680—						
Clerk	1	1,740	1	1,740	1	1,740
Salary range, $1,320 to $1,680; average, $1,500—						
Assistant clerk	1	1,500	1	1,500	1	1,500
Salary range, $1,140 to $1,500; average, $1,320—						
Farmer	1	1,380	1	1,380	1	1,380
Salary range, $900 to $1,140; average, $1,020—						
Laborer	1	1,020	1	1,020	1	1,020
Ungraded—						
Laborer					1	480
Total average number of employees	5.5		5.5		6.5	
Total salaries and wages, field service		8,790.00		8,790.00		9,234.17
Deduct allowance value of quarters, fuel, and light furnished		1,020.00		1,020.00		1,080.00
Cash payment, salaries and wages		7,770.00		7,770.00		8,154.17
Miscellaneous and temporary labor, $8 to $1 per day		1,000.00		1,000.00		
01 Total personal services		8,770.00		8,770.00		8,154.17

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Miscellaneous Indian Funds, Idaho (Tribal Funds)—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
COEUR D'ALENE—continued			
Supplies and materials:			
0200 Stationery and office supplies	$25.00		$15.30
0210 Medical supplies	200.00	$200.00	139.42
0230 Fuel	1,200.00	1,200.00	1,203.93
0240 Wearing apparel and sewing supplies	100.00	100.00	
0250 Forage and other supplies for animals	500.00	400.00	364.50
0260 Provisions	900.00	900.00	31.21
0280 Sundry supplies	400.00	300.00	150.88
02 Total supplies and materials	3,325.00	3,100.00	1,905.24
05 Communication service	100.00	100.00	106.53
06 Travel expense	900.00	900.00	844.23
07 Transportation of things	100.00	100.00	30.83
08 Printing, engraving, lithographing, photographing, and typewriting			5.50
12 Repairs and alterations	1,900.00	2,000.00	1,103.06
13 Special and miscellaneous expenses	130.00	330.00	4.00
Equipment:			
3000 Passenger-carrying vehicles			222.50
3010 Furniture, furnishings, and fixtures	250.00	200.00	163.52
3050 Other equipment	525.00	500.00	662.74
30 Total equipment	775.00	700.00	1,048.76
			13,203.22
Unobligated balance			2,796.78
Total	16,000.00	16,000.00	16,000.00
Transferred from interest on Indian trust funds and trust funds of Indian tribes	16,000.00	16,000.00	16,000.00
FORT HALL			
Field service:			
Salaries and wages—	*Average*—	*Average*—	*Average*—
	No. *Salary*	*No.* *Salary*	*No.* *Salary*
Salary range, $2,400 to $3,000; average, $2,700— Superintendent	0.7 $3,000	0.7 $3,000	0.7 $3,000
Salary range, $1,680 to $2,040; average, $1,800— Senior clerk	1 1,800	1 1,800	1 1,860
Salary range, $1,500 to $1,800; average, $1,680— Clerk	1 1,680	1 1,680	1 1,680
Salary range, $1,320 to $1,860; average, $1,500— Financial clerk	1 1,500	1 1,500	1 1,500
Stockman	1 1,500	1 1,500	1 1,500
Salary range, $1,140 to $1,500; average, $1,320— Farmer	3 1,380	3 1,380	3 1,380
Junior clerk	2 1,320	2 1,320	1.3 1,320
General mechanic	1 1,440	1 1,440	1 1,380
Salary range, $900 to $1,140; average, $1,020— Laborer	1 1,080	1 1,080	1 1,080
Salary range, $780 to $1,020; average, $900— Laborer	1 900	1 900	1 900
Total average number of employees	12.7	12.7	12
Total salaries and wages, field service	18,840.00	18,840.00	17,856.00
Deduct allowance value of quarters, fuel, and light furnished	2,250.00	2,250.00	2,124.00
Cash payment, salaries and wages	16,590.00	16,590.00	15,732.00
Miscellaneous and temporary labor, $8 to $1 per day	2,510.00	2,510.00	2,361.11
01 Total personal services	19,100.00	19,100.00	18,093.11
Supplies and materials:			
0200 Stationery and office supplies			16.58
0230 Fuel	2,500.00	2,500.00	2,664.85
0260 Provisions	400.00	500.00	137.39
0280 Sundry supplies	800.00	1,000.00	466.46
02 Total supplies and materials	3,700.00	4,000.00	3,285.28
Communication service:			
0500 Telegraph service	5.00	5.00	3.93
0510 Telephone service	95.00	95.00	96.52
05 Total communication service	100.00	100.00	100.45
06 Travel expense	200.00	200.00	137.93
07 Transportation of things	100.00	100.00	16.97
12 Repairs and alterations	1,500.00	1,200.00	1,883.42
13 Special and miscellaneous expenses			7.09
Equipment:			
3000 Passenger-carrying vehicles			593.38
3010 Furniture, furnishings, and fixtures	100.00	200.00	375.99
3050 Other equipment	200.00	100.00	106.55
30 Total equipment	300.00	300.00	1,075.92
			24,600.17
Unobligated balance			399.83
Total	25,000.00	25,000.00	25,000.00
Transferred from Indian moneys, proceeds of labor	25,000.00	25,000.00	25,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Miscellaneous Indian Funds, Idaho (Tribal Funds)—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	FORT LAPWAI			
	Field service:			
	Salaries and wages—	*Average—*	*Average—*	*Average—*
	Salary range, $2,100 to $2,700; average, $2,400—	*No.* *Salary*	*No.* *Salary*	*No.* *Salary*
	Assistant superintendent	0.5 $2,400	0.5 $2,400	0.5 $2,400
	Salary range, $1,320 to $1,680; average, $1,500—			
	Assistant clerk	2 1,560	2 1,560	1.7 1,535
	Financial clerk	1 1,500	1 1,500	1 1,500
	Salary range, $1,140 to $1,500; average, $1,320—			
	Farmer	1 1,500	1 1,500	1 1,440
	Junior clerk	1 1,320	1 1,320	1 1,320
	Salary range, $900 to $1,140; average, $1,020—			
	Laborer	1 1,020	1 1,020	1 1,020
	Total average number of employees	6.5	6.5	6.2
	Total salaries and wages, field service	9,660.00	9,660.00	9,090.00
	Deduct allowance value of quarters, fuel and light	1,170.00	1,170.00	1,116.00
	Cash payment, salaries and wages	8,490.00	8,490.00	7,974.00
	Miscellaneous and temporary labor, $8 to $1 per day	500.00	500.00	573.85
01	Total personal services	8,990.00	8,990 00	8,547.85
	Supplies and materials:			
0200	Stationery and office supplies			29.37
0230	Fuel	1,500.00	1,500.00	1,353.65
0250	Forage and other supplies for animals	100.00	100.00	
0260	Provisions	300.00	300.00	
0280	Sundry supplies	300.00	300.00	6.22
02	Total supplies and materials	2,200.00	2,200.00	1,389.24
	Communication service:			
0500	Telegraph service			3.42
0510	Telephone service	100.00	100.00	92.23
0220	Other communication service	25.00	25.00	11.11
05	Total communication service	125.00	125.00	106.76
06	Travel expense	500.00	500.00	125.88
07	Transportation of things	100.00	100.00	32.31
10	Furnishing of heat, light, power, water, and electricity	650.00	650.00	650.04
12	Repairs and alterations	1,000.00	1,000.00	1,038.08
13	Special and miscellaneous expenses	35.00	35.00	2.65
22	Grants, subsidies, and contributions	200.00	200.00	
	Equipment:			
3010	Furniture, furnishings, and fixtures	100.00	100.00	36.00
3050	Other equipment	100.00	100.00	45.00
30	Total equipment	200.00	200.00	81.00
	Unobligated balance			11,973.81 2,026.19
	Total	14,000.00	14,000.00	14,000.00
	Transferred from Indian moneys, proceeds of labor	14,000.00	14,000.00	14,000.00

Miscellaneous Indian Funds, Iowa (Tribal Funds)—

Iowa: Sac and Fox, $1,800 (*U. S. C., p. 697, sec. 123; act Jan. 12, 1927, vol. 44, p. 953*).

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended end obligated, 1927
01	Total personal services (irregular labor)	$400.00	$400.00	$189.20
02	Supplies and materials	150.00	150.00	17.87
12	Repairs and alterations	50.00	50.00	122.81
13	Special and miscellaneous expenses	1,200.00	1,200.00	1,227.48
30	Equipment			11.10
	Unobligated balance			1,568.46 231.54
	Total	1,800.00	1,800.00	1,800.00
	Transferred from interest on Indian trust funds	1,800.00	1,800.00	1,800.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Miscellaneous Indian Funds, Kansas (Tribal Funds)—
Kansas: Kickapoo, $1,500; Pottawatomie, $2,800; in all, $4,300 (*U. S. C., p. 697, sec. 123; act Jan. 12, 1927, vol. 44, p. 953*).

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
KICKAPOO			
01 Total personal services (irregular labor)	$600.00	$500.00	$760.41
Supplies and materials:			
0230 Fuel	300.00	300.00	306.14
0280 Sundry supplies	50.00	50.00	5.83
02 Total supplies and materials	350.00	350.00	311.97
06 Travel expense	100.00	100.00	86.05
07 Transportation of things	50.00	50.00	5.01
12 Repairs and alterations	350.00	400.00	164.51
30 Equipment	50.00	100.00	5.38
			1,233.33
Unobligated balance			166.67
Total	1,500.00	1,500.00	1,500.00
Transferred from interest on Indian trust funds	1,500.00	1,500.00	1,500.00
POTAWATOMIE			
Field service:			
Salaries and wages—	*Average—*	*Average—*	*Average—*
Salary range, $1,500 to $1,860; average, $1,680—	*No.* *Salary*	*No.* *Salary*	*No.* *Salary*
Clerk	0.5 $1,680	0.5 $1,680	0.5 $1,680
Total average number of employees	0.5	0.5	0.5
Total salaries and wages, field service	840.00	840.00	840.00
Deduct allowance value of quarters, fuel, and light	90.00	90.00	90.00
Cash payment, salaries and wages	750.00	750.00	750.00
Miscellaneous and temporary labor $8 to $1 per day	250.00	250.00	55.52
01 Total personal services	1,000.00	1,000.00	805.52
Supplies and materials:			
0230 Fuel	400.00	400.00	13.00
0260 Provisions	100.00	100.00	12.00
0280 Sundry supplies	100.00	100.00	4.40
02 Total supplies and materials	600.00	600.00	29.40
Communication service:			
0510 Telephone service	75.00	75.00	63.80
0520 Other communication service	25.00	25.00	6.20
05 Total communication service	100.00	100.00	70.00
06 Travel expense	75.00	75.00	43.12
07 Transportation of things	75.00	75.00	38.08
10 Furnishing of heat, light, power, water, and electricity	250.00	250.00	230.44
12 Repairs and alterations	500.00	500.00	127.93
Equipment:			
3000 Passenger-carrying vehicles			390.00
3010 Furniture, furnishings, and fixtures	100.00	100.00	77.61
3050 Other equipment	100.00	100.00	
30 Total equipment	200.00	200.00	467.61
			1,812.10
Unobligated balance			987.90
Total	2,800.00	2,800.00	2,800.00
Transferred from interest on Indian trust funds	2,800.00	2,800.00	2,800.00

Miscellaneous Indian Funds, Michigan (Tribal Funds)—
Michigan; Mackinac, $200 (*U. S. C., p. 697, sec. 123; act Jan. 12, 1927, vol. 44, p. 953*).

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Supplies and materials:			
0260 Provisions	$100	$100	
0280 Sundry supplies	100	100	
02 Total supplies and materials	200	200	
Unobligated balance			$700
Total	200	200	700
Transferred from Indian moneys, proceeds of labor	200	200	700

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Miscellaneous Indian Funds, Minnesota (Tribal Funds)—
Minnesota: Consolidated Chippewa, $1,000; Red Lake, $60,000, payable out of trust funds of Red Lake Indians; in all, $61,000 (*U. S. C., p. 697, sec. 123; act Jan. 12, 1927, vol. 44, p. 953*).

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
CONSOLIDATED CHIPPEWAS			
02 Supplies and materials	$500.00	$500.00	$748.89
05 Communication service	100.00	100.00	120.90
07 Transportation of things	200.00	200.00	234.39
30 Equipment	200.00	200.00	1,132.35
Unobligated balance			2,236.53
			763.47
Total	1,000.00	1,000.00	3,000.00
Transferred from Indian moneys, proceeds of labor	1,000.00	1,000.00	3,000.00
RED LAKE			
Field service:			
Salaries and wages—	*Average—*	*Average—*	*Average—*
	No. *Salary*	*No.* *Salary*	*No.* *Salary*
Salary range, $2,100 to $2,700; average, $2,400—			
Mill superintendent	1 $2,400	1 $2,400	1 $2,400
Salary range, $1,500 to $1,860; average, $1,680—			
Principal	1 1,680	1 1,680	1 1,680
Clerk	2 1,680	2 1,680	1.7 1,680
Sealer	2 1,680	2 1,680	5.7 1,680
Salary range, $1,140 to $1,500; average, $1,320—			
Farmer	1 1,380	1 1,380	
Teacher	3 1,380	3 1,380	3 1,380
General mechanic	1 1,380	1 1,380	1 1,380
Salary range, $1,020 to $1,260 average, $1,140—			
Matron	1 1,140	1 1,140	
Salary range, $900 to $1,140; average, $1,020—			
Blacksmith	2 1,140	2 1,140	2 1,165
Matron			1 1,080
Assistant disciplinarian	1 1,080	1 1,080	1 1,020
Cook	1 1,020	1 1,020	
Laborer	1 1,020	1 1,020	1 1,020
Salary range, $780 to $1,020; average, $900—			
Seamstress	1 1,020	1 1,020	1 1,020
Laundress	1 900	1 900	1 900
Assistant matron	1 900	1 900	1 900
Total average number of employees	20	20	21.4
Total salaries and wages, field service	27,060.00	27,060.00	30,302.00
Deduct allowance value of quarters, fuel, and light furnished	3,240.00	3,240.00	3,510.00
Cash payment, salaries and wages	23,820.00	23,820.00	26,792.00
Miscellaneous and temporary labor, $8 to $1 per day	17,000.00	18,000.00	12,353.82
01 Total personal services	40,820.00	41,820.00	39,145.82
Supplies and materials:			
0200 Stationery and office supplies	100.00	100.00	133.00
0230 Fuel	2,000.00	2,000.00	1,294.73
0240 Wearing apparel and sewing supplies	2,000.00	2,000.00	1,581.91
0250 Forage and other supplies for animals	2,000.00	1,000.00	637.78
0260 Provisions	3,500.00	3,000.00	3,180.97
0280 Sundry supplies	2,000.00	2,000.00	474.12
02 Total supplies and materials	11,600.00	10,100.00	7,302.51
Communication service:			
0500 Telegraph service	25.00	25.00	19.78
0510 Telephone service	300.00	300.00	195.40
0520 Other communication service	25.00	25.00	1.50
05 Total communication service	350.00	350.00	216.68
06 Travel expense	200.00	200.00	164.11
07 Transportation of things	500.00	500.00	439.37
11 Rents	400.00	400.00	30.00
12 Repairs and alterations	4,000.00	4,000.00	4,029.62
13 Special and miscellaneous expenses	1,130.00	1,130.00	
Equipment:			
3010 Furniture, furnishings, and fixtures	500.00	500.00	775.20
3050 Other equipment	500.00	1,000.00	168.00
30 Total equipment	1,000.00	1,500.00	943.20
32 Structures and parts, and nonstructural improvements to land			148.26
Unobligated balance			52,419.57
			7,580.43
Total	60,000.00	60,000.00	60,000.00
Transferred from trust funds of Indian tribes	60,000.00	60,000.00	60,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Miscellaneous Indian Funds, Montana (Tribal Funds)—

Montana: Blackfeet, $2,000; Flathead, [$40,000] *$44,000: Provided, That the Secretary of the Interior is hereby authorized to pay not exceeding $3,756.20 from said sum, which is hereby made available for the purpose, to the St. Julian's Hospital, St. Ignatius, Montana, for medical and hospital services to members of the Flathead Tribe from December 21, 1921, to June 30, 1926*; Fort Belknap, $20,000; Fort Peck, $10,000; Tongue River, $15,000; Rocky Boy, $5,000; in all, [$92,000] *$96,000* (*U. S. C., p. 697, sec. 123; act Jan. 12, 1927, vol. 44, p. 953*).

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	BLACKFEET			
	Supplies and materials:			
0240	Wearing apparel and sewing supplies	$500.00	$500.00	$497.69
0260	Provisions	1,000.00	1,000.00	1,388.91
0280	Sundry supplies			8.55
02	Total supplies and materials	1,500.00	1,500.00	1,895.15
	Equipment:			
3000	Passenger-carrying vehicles			2,529.79
3050	Other equipment	500.00	500.00	1,195.00
30	Total equipment	500.00	500.00	3,724.79
				5,619.94
	Unobligated balance			380.06
	Total	2,000.00	2,000.00	6,000.00
	Transferred from Indian moneys, proceeds of labor	2,000.00	2,000.60	6,000.00
	FLATHEAD			
	Field service:			
	Salaries and wages—	*Average—*	*Average—*	*Average—*
		No. *Salary*	*No.* *Salary*	*No.* *Salary*
	Salary range, $2,100 to $2,700; average, $2,400—			
	Physician	1 $2,400	1 $2,400	0.3 $2,400
	Salary range, $1,860 to $2,400; average, $2,100—			
	Principal clerk	1 2,300	1 2,300	1 2,300
	Physician			0.7 2,100
	Special officer	1 2,100	1 2,100	1 2,100
	Salary range, $1,680 to $2,040; average, $1,860—			
	General mechanic	1 1,860	1 1,860	1 1,860
	Salary range, $1,500 to $1,860; average, $1,680—			
	Day-school inspector	1 1,680	1 1,680	1 1,680
	Salary range, $1,320 to $1,680; average, $1,500—			
	Assistant clerk	2 1,590	2 1,590	2 1,590
	Engineer	1 1,500	1 1,500	1 1,500
	Salary range, $1,140 to $1,500; average, $1,320—			
	Farmer	3 1,600	3 1,600	3 1,560
	Salary range, $900 to $1,140; average, $1,020—			
	Laborer	2 1,020	2 1,020	2 1,020
	Ungraded—			
	Physician	1 720	1 720	1 720
	Total average number of employees	14	14	14
	Total salaries and wages, field service	22,580.00	22,580.00	22,250.00
	Deduct allowance value of quarters, fuel, and light furnished	2,520.00	2,520.00	2,478.00
	Cash payment, salaries and wages	20,060.00	20,060.00	19,772.00
	Miscellaneous and temporary labor, $8 to $1 per day	3,000.00	3,000.00	2,949.71
01	Total personal services	23,060.00	23,060.00	22,721.71
	Supplies and materials:			
0210	Medical supplies	300.00	300.00	331.39
0230	Fuel	3,700.00	3,700.00	3,651.51
0240	Wearing apparel and sewing supplies	300.00	300.00	194.91
0250	Forage and other supplies for animals	200.00	200.00	51.89
0260	Provisions	3,500.00	3,500.00	2,769.96
0280	Sundry supplies	2,300.00	2,000.00	1,979.89
02	Total supplies and materials	10,300.00	10,000.00	8,979.55
	Communication service:			
0500	Telegraph service	10.00	10.00	5.89
0510	Telephone service	25.00	25.00	16.85
0520	Other communication service	15.00	15.00	6.20
05	Total communication service	50.00	50.00	28.94
06	Travel expense	1,200.00	1,200.00	930.04
07	Transportation of things	1,000.00	1,000.00	163.53
08	Printing, engraving, lithographing, photographing, and typewriting			40.65
10	Furnishing of heat, light, power, water, and electricity	450.00	450.00	433.08
12	Repairs and alterations	3,200.00	3,000.00	2,788.87
13	Special and miscellaneous expenses	4,440.00	440.00	1,504.28

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Miscellaneous Indian Funds, Montana (Tribal Funds)—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
FLATHEAD—continued			
Equipment:			
3000 Passenger-carrying vehicles		$500.00	$1,247.05
3010 Furniture, furnishings, and fixtures	$200.00	200.00	177.90
3050 Other equipment	100.00	100.00	53.67
30 Total equipment	300.00	800.00	1,478.62
			39,069.27
Unobligated balance			930.73
Total	44,000.00	40,000.00	40,000.00
Transferred from Indian moneys, proceeds of labor	44,000.00	40,000.00	40,000.00
FORT BELKNAP			
Field service:			
Salaries and wages—	*Average—*	*Average—*	*Average—*
	No. *Salary*	*No.* *Salary*	*No.* *Salary*
Salary range, $1,500 to $1,860; average, $1,680—			
Nurse	1 $1,680	1 $1,680	1 $1,680
Salary range, $1,320 to $1,680; average, $1,500—			
Assistant clerk	1 1,500	1 1,500	1 1,500
Salary range, $1,140 to $1,500; average, $1,320—			
Farmer	2 1,380	2 1,380	2 1,380
Forest guard	1 1,320	1 1,320	1 1,320
Junior clerk	1 1,320	1 1,320	1 1,320
Salary range, $900 to $1,140; average, $1,020—			
Harness maker	1 1,260	1 1,260	1 1,260
Matron	1 1,020	1 1,020	1 1,030
Laborer	2 1,020	2 1,020	2 1,020
Total average number of employees	10	10	10
Total salaries and wages, field service	12,900.00	12,900.00	12,910.00
Deduct allowance value of quarters, fuel, and light furnished	1,560.00	1,560.00	1,560.00
Cash payment, salaries and wages	11,340.00	11,340.00	11,350.00
Miscellaneous and temporary labor, $8 to $1 per day	1,500.00	1,500.00	1,860.12
01 Total personal services	12,840.00	12,840.00	13,210.12
Supplies and materials:			
0210 Medical supplies	900.00	900.00	499.67
0230 Fuel	800.00	800.00	250.23
0240 Wearing apparel and sewing supplies	100.00	100.00	19.90
0260 Provisions	4,000.00	4,000.00	3,368.75
0280 Sundry supplies	300.00	200.00	234.48
02 Total supplies and materials	6,100.00	6,000.00	4,373.03
05 Communication service			1.88
07 Transportation of things	50.00	50.00	17.51
12 Repairs and alterations	600.00	600.00	498.20
13 Special and miscellaneous expenses	260.00	260.00	372.98
Equipment:			
3000 Passenger-carrying vehicles			567.45
3010 Furniture, furnishings, and fixtures		150.00	98.06
3050 Other equipment	150.00	100.00	
30 Total equipment	150.00	250.00	665.51
			19,139.23
Unobligated balance			860.77
Total	20,000.00	20,000.00	20,000.00
Transferred from Indian trust funds	20,000.00	20,000.00	20,000.00
FORT PECK			
01 Total personal services (irregular labor)	2,000.00	2,000.00	448.20
Supplies and materials:			
0210 Medical supplies	100.00	100.00	318.10
0230 Fuel	2,000.00	2,000.00	19.84
0250 Forage and other supplies for animals			10.05
0260 Provisions	2,500.00	2,500.00	1,688.35
0280 Sundry supplies	500.00	500.00	65.85
02 Total supplies and materials	5,100.00	5,100.00	2,102.19
05 Communication service	200.00	100.00	465.75
06 Travel expense	500.00	500.00	323.57
07 Transportation of things	200.00	200.00	5.18
10 Furnishing of heat, light, power, water, and electricity	250.00	250.00	240.49
12 Repairs and alterations	1,000.00	1,000.00	915.70
13 Special and miscellaneous expenses	350.00	350.00	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Miscellaneous Indian Funds, Montana (Tribal Funds)—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	FORT PECK—continued			
	Equipment:			
3010	Furniture, furnishings, and fixtures	$300.00	$400.00	$808.62
3050	Other equipment	100.00	100.00	1.20
30	Total equipment	400.00	500.00	809.82
				5,310.90
	Unobligated balance			189.10
	Total	10,000.00	10,000.00	5,500.00
	Transferred from Indian moneys, proceeds of labor	10,000.00	10,000.00	5,500.00
	TONGUE RIVER			
	Field service:			
	Salaries and wages—	*Average—*	*Average—*	*Average—*
	Salary range, $1,320 to $1,680; average, $1,500—	*No.* *Salary*	*No.* *Salary*	*No.* *Salary*
	Assistant clerk	0.3 $1,500	0.3 $1,500	0.3 $1,500
	Total average number of employees	0.3	0.3	0.3
	Total salaries and wages, field service	450.00	450.00	450.00
	Deduct allowance value of quarters, fuel, and light furnished	54.00	54.00	54.00
	Cash payment, salaries and wages	396.00	396.00	396.00
	Miscellaneous and temporary labor, $8 to $1 per day	5,000.00	5,000.00	3,559.73
01	Total personal services	5,396.00	5,396.00	3,955.73
	Supplies and materials:			
0210	Medical supplies	600.00	500.00	464.21
0230	Fuel	300.00	200.00	220.50
0240	Wearing apparel and sewing supplies	50.00	50.00	11.91
0250	Forage and other supplies for animals	250.00	200.00	52.14
0260	Provisions	2,000.00	2,000.00	562.77
0280	Sundry supplies	1,000.00	1,000.00	558.96
02	Total supplies and materials	4,200.00	3,950.00	1,870.49
05	Communication service	50.00	50.00	24.00
06	Travel expense	100.00	100.00	33.75
08	Printing, engraving, lithographing, photographing, and typewriting			6.60
11	Rents	100.00	100.00	
12	Repairs and alterations	1,500.00	1,900.00	291.32
13	Special and miscellaneous expenses	354.00	304.00	174.50
	Equipment:			
3000	Passenger-carrying vehicles			1,925.97
3010	Furniture, furnishings, and fixtures	300.00	500.00	241.03
3050	Other equipment	1,000.00	1,000.00	607.90
30	Total equipment	1,300.00	1,500.00	2,774.90
32	Structures and parts, and nonstructural improvements to land	2,000.00	1,700.00	
				9,131.29
	Unobligated balance			368.71
	Total	15,000.00	15,000.00	9,500.00
	Transferred from Indian moneys, proceeds of labor	15,000.00	15,000.00	9,500.00
	ROCKY BOY			
01	Total personal services (irregular labor)	1,000.00	1,000.00	
	Supplies and materials:			
0210	Medical supplies	200.00	200.00	
0230	Fuel	100.00	100.00	
0260	Provisions	2,500.00	2,500.00	
0280	Sundry supplies	300.00	300.00	
02	Total supplies and materials	3,100.00	3,100.00	
06	Travel expense	100.00	100.00	
12	Repairs and alterations	500.00	300.00	
30	Equipment	300.00	300.00	
	Total	5,000.00	5,000.00	
	Transferred from Indian moneys, proceeds of labor	5,000.00	5,000.00	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Miscellaneous Indian Funds, Nebraska (Tribal Funds)—
Nebraska: Omaha, $1,000 (*U. S. C., p. 697, sec. 123; act Jan. 12, 1927, vol. 44, p. 953*).

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
01	Total personal services (irregular labor)	$350.00	$150.00	$38.05
	Supplies and materials:			
0210	Medical supplies	50.00	50.00	4.01
0230	Fuel	200.00	300.00	218.26
02	Total supplies and materials	250.00	350.00	222.27
05	Communication service	100.00	100.00	90.35
06	Travel expense	75.00	75.00	56.11
07	Transportation of things	125.00	125.00	123.46
10	Furnishing of heat, light, power, water, and electricity	100.00	100.00	89.20
12	Repairs and alterations		100.00	75.92
				695.36
	Unobligated balance			304.64
	Total	1,000.00	1,000.00	1,000.00
	Transferred from Indian moneys, proceeds of labor	1,000.00	1,000.00	1,000.00

Miscellaneous Indian Funds, Nevada (Tribal Funds)—
Nevada: Carson (Fort McDermitt, $300; Pyramid Lake, $5,000), $5,300; Walker River (Paiute, $200; Walker River, $200; Summit Lake, $200), $600; Western Shoshone, [$16,000] *$15,000*; in all, [$21,900] *$20,900* (*U. S. C., p. 697, sec. 123; act Jan. 12, 1927, vol. 44, p. 953*).

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	CARSON			
	Field service:			
	Salaries and wages—	*Average—*	*Average—*	*Average—*
	Salary range, $1,140 to $1,500; average, $1,320—	*No.* *Salary*	*No.* *Salary*	*No.* *Salary*
	Farmer	1 $1,440	1 $1,440	1 $1,380
	Total average number of employees	1	1	1
	Total salaries and wages, field service	1,440.00	1,440.00	1,380.00
	Deduct allowance value of quarters, fuel, and light furnished	180.00	180.00	180.00
	Cash payment, salaries and wages	1,260.00	1,260.00	1,200.00
	Miscellaneous and temporary labor, $8 to $1 per day	1,500.00	1,500.00	36.33
01	Total personal services	2,760.00	2,760.00	1,236.33
	Supplies and materials:			
0210	Medical supplies	300.00	300.00	
0240	Wearing apparel and sewing supplies	50.00	50.00	
0260	Provisions	700.00	700.00	
0280	Sundry supplies	500.00	300.00	844.17
02	Total supplies and materials	1,550.00	1,350.00	844.17
07	Transportation of things	100.00	100.00	4.00
12	Repairs and alterations	300.00	300.00	101.32
13	Special and miscellaneous expenses	390.00	390.00	450.00
22	Grants, subsidies, and contributions	100.00	100.00	75.00
30	Equipment	100.00	300.00	317.63
				3,028.45
	Unobligated balance			2,271.55
	Total	5,300.00	5,300.00	5,300.00
	Transferred from Indian moneys, proceeds of labor	5,300.00	5,300.00	5,300.00
	WALKER RIVER			
01	Total personal services (irregular labor)	300.00	300.00	
	Supplies and materials:			
0210	Medical supplies	100.00	100.00	17.90
0230	Fuel	100.00	100.00	22.28
02	Total supplies and materials	200.00	200.00	40.18
07	Transportation of things			2.71
12	Repairs and alterations	100.00	100.00	63.56
				106.45
	Unobligated balance			593.55
	Total	600.00	600.00	700.00
	Transferred from Indian moneys, proceeds of labor	600.00	600.00	700.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Miscellaneous Indian Funds, Nevada (Tribal Funds)—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
WESTERN SHOSHONE			
Field service:			
Salaries and wages—	*Average—*	*Average—*	*Average—*
Salary range, $2,100 to $2,700; average, $2,400—	*No.* *Salary*	*No.* *Salary*	*No.* *Salary*
Physician	1 $2,400	1 $2,400	0.3 $2,400
Salary range, $1,860 to $2,400; average, $2,100—			
Physician			0.7 2,100
Salary range, $1,500 to $1,860; average, $1,680—			
Nurse	1 1,680	1 1,680	1 1,680
Salary range, $1,320 to $1,680; average, $1,500—			
Financial clerk	1 1,500	1 1,500	1 1,500
Salary range, $1,140 to $1,500; average, $1,320—			
General mechanic	1 1,440	1 1,440	0.5 1,380
Salary range, $900 to $1,140; average, $1,020—			
Blacksmith	1 1,140	1 1,140	1 1,140
Line rider	1 1,080	1 1,080	
Laborer	1 1,020	1 1,020	
Total average number of employees	7	7	4.5
Total salaries and wages, field service	10,260.00	10,260.00	7,200.00
Deduct allowance value of quarters, fuel, and light furnished	1,068.00	1,068.00	828.00
Cash payment, salaries and wages	9,192.00	9,192.00	6,372.00
Miscellaneous and temporary labor, $8 to $1 per day	500.00	500.00	443.75
01 Total personal services	9,692.00	9,692.00	6,815.75
Supplies and materials:			
0200 Stationery and office supplies	50.00		56.80
0210 Medical supplies	300.00	300.00	195.78
0230 Fuel	800.00	800.00	205.80
0240 Wearing apparel and sewing supplies	100.00	200.00	
0250 Forage and other supplies for animals	200.00	300.00	
0260 Provisions	400.00	500.00	252.52
0280 Sundry supplies	300.00	600.00	351.85
02 Total supplies and materials	2,150.00	2,700.00	1,062.75
06 Travel expense	200.00	200.00	94.66
07 Transportation of things	1,600.00	1,600.00	1,453.47
12 Repairs and alterations	1,000.00	1,000.00	717.18
13 Special and miscellaneous expenses	158.00	258.00	103.20
Equipment:			
3010 Furniture, furnishings, and fixtures	100.00	250.00	71.89
3050 Other equipment	100.00	300.00	272.27
30 Total equipment	200.00	550.00	344.16
			10,591.17
Unobligated balance			5,408.83
Total	15,000.00	16,000.00	16,000.00
Transferred from Indian moneys, proceeds of labor	15,000.00	16,000.00	16,000.00

Miscellaneous Indian Funds, New Mexico (Tribal Funds)—

New Mexico: Jicarilla [$80,000] *$60,000*; Mescalero, $55,000; Navajo [$100,000] *$110,000*, to be apportioned among the several Navajo jurisdictions in Arizona and New Mexico; in all, [$235,000] *$225,000* (*U. S. C., p. 697, sec. 123; act Jan. 12, 1927, vol. 44, p. 953*).

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
JICARILLA			
Field service:			
Salaries and wages—	*Average—*	*Average—*	*Average—*
Salary range, $2,400 to $3,000; average, $2,700—	*No.* *Salary*	*No.* *Salary*	*No.* *Salary*
Physician	0.5 $2,700	0.5 $2,700	
Salary range, $2,100 to $2,700; average, $2,400—			
Physician			1 $2,400
Salary range, $1,500 to $1,860; average, $1,680—			
Clerk	1 1,680	1 1,680	1 1,680
Nurse			1 1,680
Salary range, $1,320 to $1,680; average, $1,500—			
Financial clerk	1 1,500	1 1,500	1 1,500
Engineer	1 1,500	1 1,500	1 1,500
Stockman	1 1,500	1 1,500	1 1,500
Salary range, $1,140 to $1,500; average, $1,320—			
Junior clerk	1 1,320	1 1,320	1 1,320
Carpenter	1 1,320	1 1,320	1 1,320
Forest guard	2 1,320	2 1,320	2 1,320
Dairyman			1 1,380

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

Miscellaneous Indian Funds, New Mexico (Tribal Funds)—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
JICARILLA—continued					
Field service—Continued.					
Salaries and wages—Continued.	*Average—* No. Salary	*Average—* No. Salary	*Average—* No. Salary		
Salary range, $900 to $1,140; average, $1,020—					
Blacksmith			0.9 $1,140		
Laborer			2 1,050		
Matron			1 1,020		
Seamstress			1 1,020		
Assistant disciplinarian			1 1,020		
Salary range, $780 to $1,020; average, $900—					
Laborer	1 $900	1 $900	1 900		
Laundress			1 900		
Salary range, $600 to $780; average, $690—					
Laborer			1 660		
Assistant			4 660		
Total average number of employees	9.5	9.5	23.9		
Total salaries and wages, field service	13,710.00	13,710.00	28,206.00		
Deduct allowance value of quarters, fuel, and light furnished	1,710.00	1,710.00	3,348.00		
Cash payment, salaries and wages	12,000.00	12,000.00	24,858.00		
Miscellaneous and temporary labor $8 to $1 per day	18,000.00	18,000.00	13,321.65		
01 Total personal services	30,000.00	30,000.00	38,179.65		
Supplies and materials:					
0210 Medical supplies	300.00	300.00	199.61		
0220 Scientific and educational supplies	200.00	200.00	33.14		
0230 Fuel	3,000.00	3,500.00	2,931.39		
0240 Wearing apparel and sewing supplies	2,000.00	3,000.00	2,526.65		
0250 Forage and other supplies for animals	500.00	500.00	21.73		
0260 Provisions	6,000.00	8,500.00	6,709.22		
0280 Sundry supplies	1,000.00	2,500.00	995.31		
02 Total supplies and materials	13,000.00	18,500.00	13,417.05		
05 Communication service			9.37		
06 Travel expense	200.00	200.00	190.64		
07 Transportation of things	1,800.00	1,800.00	276.21		
10 Furnishing of heat, light, power, water, and electricity	800.00	800.00			
11 Rents	200.00	200.00	112.00		
12 Repairs and alterations	3,500.00	3,000.00	1,997.00		
13 Special and miscellaneous expenses	300.00	200.00	28.45		
22 Grants, subsidies, and contributions	200.00	200.00			
Equipment:					
3000 Passenger-carrying vehicles	500.00	500.00			
3010 Furniture, furnishings, and fixtures	1,000.00	1,000.00	853.53		
3040 Livestock	5,500.00	19,000.00	15,255.07		
3050 Other equipment	3,000.00	4,600.00	701.44		
30 Total equipment	10,000.00	25,100.00	16,810.04		
Unobligated balance			71,020.41		
			8,979.59		
Total	60,000.00	80,000.00	80,000.00		
Transferred from trust funds of Indian tribes	60,000.00	80,000.00	80,000.00		
MESCALERO					
Field service:					
Salaries and wages—	*Average—* No. Salary	*Average—* No. Salary	*Average—* No. Salary		
Salary range, $1,320 to $1,680; average, $1,500—					
Superintendent of livestock	1 $1,680	1 $1,680	1 $1,680		
Carpenter	1 1,620	1 1,620	1 1,620		
Engineer	1 1,560	1 1,560	1 1,560		
Salary range, $1,140 to $1,500; average, $1,320—					
Stockman	1 1,380	1 1,380	1 1,380		
Farmer	2 1,440	2 1,440			
Salary range, $900 to $1,140; average, $1,020—					
Laborer	1 1,020	1 1,020	1 1,020		
Total average number of employees	7	7	5		
Total salaries and wages, field service	10,140.00	10,140.00	7,200.00		
Deduct allowance value of quarters, fuel, and light	1,200.00	1,200.00	840.00		
Cash payment, salaries and wages	8,940.00	8,940.00	6,360.00		
Miscellaneous and temporary labor, $8 to $1 per day	8,000.00	8,000.00	13,574.47		
01 Total personal services	16,940.00	16,940.00	19,934.47		
Supplies and materials:					
0210 Medical supplies	250.00	250.00	159.60		
0230 Fuel	2,000.00	2,000.00	1,872.29		
0240 Wearing apparel and sewing supplies	400.00	500.00	220.67		
0250 Forage and other supplies for animals	5,000.00	5,000.00	2,332.81		
0260 Provisions	4,000.00	4,000.00	2,598.55		
0280 Sundry supplies	2,000.00	2,500.00	1,926.30		
02 Total supplies and materials	13,650.00	14,250.00	9,110.22		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Miscellaneous Indian Funds, New Mexico (Tribal Funds)—Continued

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	MESCALERO—continued			
	Communication service:			
0500	Telegraph service	$25.00	$25.00	$10.40
0510	Telephone service	100.00	100.00	96.50
05	Total communication service	125.00	125.00	106.90
06	Travel expense	300.00	300.00	217.29
07	Transportation of things	800.00	700.00	63.67
08	Printing, engraving, lithographing, photographing, and typewriting			9.25
11	Rents	100.00	100.00	
12	Repairs and alterations	6,000.00	6,000.00	6,796.51
13	Special and miscellaneous expenses	285.00	385.00	148.73
	Equipment:			
3000	Passenger-carrying vehicles		500.00	1,077.10
3010	Furniture, furnishings, and fixtures	500.00	500.00	467.63
3040	Livestock	9,000.00	7,000.00	5,478.00
3050	Other equipment	2,300.00	3,200.00	3,106.17
30	Total equipment	11,800.00	11,200.00	10,128.90
32	Structures and parts, and nonstructural improvements to land	5,000.00	5,000.00	1,467.29
				47,983.23
	Unobligated balance			2,016.77
	Total	55,000.00	55,000.00	50,000.00
	Transferred from Indian moneys, proceeds of labor	55,000.00	55,000.00	50,000.00
	NAVAJO			
01	Total personal services (irregular labor)	20,000.00	20,000.00	21,787.05
	Supplies and materials:			
0210	Medical supplies	500.00	500.00	446.98
0230	Fuel	1,000.00	1,000.00	778.11
0250	Forage and other supplies for animals	1,000.00	1,000.00	176.57
0260	Provisions	1,000.00	1,000.00	415.79
0280	Sundry supplies	5,000.00	6,000.00	2,529.00
02	Total supplies and materials	8,500.00	9,500.00	4,346.45
	Communication service:			
0500	Telegraph service	25.00	25.00	6.05
0510	Telephone service	25.00	25.00	8.70
05	Total communication service	50.00	50.00	14.75
06	Travel expense	2,500.00	2,500.00	2,570.84
07	Transportation of things	6,000.00	6,000.00	5,573.34
11	Rents	7,000.00	7,000.00	6,560.78
12	Repairs and alterations	4,000.00	4,000.00	3,392.11
13	Special and miscellaneous expenses	450.00	150.00	113.50
	Equipment:			
3000	Passenger-carrying vehicles			1,168.95
3010	Furniture, furnishings, and fixtures	2,000.00	3,800.00	202.66
3040	Livestock	25,000.00	25,000.00	15,881.00
3050	Other equipment	9,500.00	5,000.00	10,476.41
30	Total equipment	35,500.00	33,800.00	27,729.02
32	Structures and parts, and nonstructural improvements to land	25,000.00	17,000.00	6,839.73
				78,927.57
	Unobligated balance			21,072.43
	Total	110,000.00	100,000.00	100,000.00
	Transferred from trust funds of Indian tribes	110,000.00	100,000.00	100,000.00

Miscellaneous Indian Funds, North Dakota (Tribal Funds)—

North Dakota: Fort Berthold, $5,000; Standing Rock, [$59,000] *$60,000* in all, [$64,000] *$65,000* (*U. S. C., p. 697, sec. 123; act Jan. 12, 1927, vol. 44, p. 954*).

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	FORT BERTHOLD			
	Field service:			
	Salaries and wages—	*Average*—	*Average*—	*Average*—
	Salary range, $2,400 to $3,000; average, $2,700—	*No.* *Salary*	*No.* *Salary*	*No.* *Salary*
	Superintendent	0.5 $2,700	0.5 $2,700	0.7 $2,700
	Total average number of employees	0.5	0.5	0.7 $2,700
	Total salaries and wages, field service	1,350		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Miscellaneous Indian Funds, North Dakota (Tribal Funds)—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
FORT BERTHOLD—continued			
Field service—Continued.			
Salaries and wages—Continued.			
Deduct allowance value of quarters, fuel, and light furnished	$150.00	$150.00	$210.00
Cash payment, salaries and wages	1,200	1,200	1,680
Miscellaneous and temporary labor, $8 to $1 per day	1,200	1,200	120
01 Total personal services	2,400	2,400	1,800
Supplies and materials:			
0210 Medical supplies	400.00	400.00	190.63
0230 Fuel	600.00	600.00	3,323.36
0280 Sundry supplies	400.00	400.00	351.75
02 Total supplies and materials	1,400.00	1,400.00	3,865.74
05 Communication service	100.00	100.00	5.69
12 Repairs and alterations	1,100.00	1,100.00	1,088.57
Equipment:			
3010 Furniture, furnishings, and fixtures			87.42
3050 Other equipment			17.62
30 Total equipment			105.04
			6,865.04
Unobligated balance			634.96
Total	5,000.00	5,000.00	7,500.00
Transferred from Indian moneys, proceeds of labor	5,000.00	5,000.00	7,500.00
STANDING ROCK			
Field service:			
Salaries and wages—	*Average—*	*Average—*	*Average—*
Salary range, $1,500 to $1,860; average, $1,680—	*No.* *Salary*	*No.* *Salary*	*No.* *Salary*
Nurse	1 $1,680	1 $1,680	1 $1,680
Clerk	1 1,680	1 1,680	1 1,680
Salary range, $1,140 to $1,500; average, $1,320—			
Farmer	1 1,440	1 1,440	1 1,380
Junior clerk	1 1,320	1 1,320	1 1,320
Assistant clerk	1 1,320	1 1,320	1 1,320
Salary range, $900 to $1,140; average, $1,020—			
Blacksmith	1 1,140	1 1,140	1 1,140
Cook	1 1,020	1 1,020	1 1,020
Laborer	2 1,020	2 1,020	2 1,050
Salary range, $600 to $780; average, $690—			
Assistant	4 660	4 660	3.3 660
Total average number of employees	13	13	12.3
Total salaries and wages, field service	14,280.00	14,280.00	13,690.33
Deduct allowance value of quarters, fuel, and light	1,620.00	1,620.00	1,585.00
Cash payment, salaries and wages	12,660.00	12,660.00	12,105.33
Miscellaneous and temporary labor, $8 to $1 per day	5,000.00	5,000.00	
01 Total personal services	17,660.00	17,660.00	12,105.33
Supplies and materials:			
0210 Medical supplies	1,600.00	1,600.00	1,014.02
0230 Fuel	7,000.00	7,000.00	6,060.53
0240 Wearing apparel and sewing supplies	1,000.00	800.00	703.50
0250 Forage and other supplies for animals	300.00	300.00	228.42
0260 Provisions	12,000.00	12,000.00	10,881.78
0280 Sundry supplies	4,500.00	4,000.00	1,032.85
02 Total supplies and materials	26,400.00	25,700.00	19,921.10
Communication service:			
0500 Telegraph service	50.00	50.00	31.33
0520 Other communication service	50.00	50.00	50.53
05 Total communication service	100.00	100.00	81.86
06 Travel expense	1,000.00	1,000.00	490.13
07 Transportation of things	4,500.00	4,500.00	3,583.73
08 Printing, engraving, lithographing, photographing, and typewriting			24.00
09 Advertising and publication of notices	400.00	400.00	20.50
10 Furnishing of heat, light, power, water, and electricity			21.32
12 Repairs and alterations	5,300.00	5,000.00	3,470.00
13 Special and miscellaneous expenses	340.00	240.00	301.00
22 Grants, subsidies, and contributions	2,000.00	2,000.00	1,897.91
Equipment:			
3000 Passenger-carrying vehicles	500.00	500.00	362.93
3010 Furniture, furnishings, and fixtures	500.00	400.00	735.69
3050 Other equipment	1,300.00	1,500.00	221.53
30 Total equipment	2,300.00	2,400.00	1,320.15
			43,237.03
Unobligated balance			15,762.97
Total	60,000.00	59,000.00	59,000.00
Transferred from trust funds of Indian tribes	60,000.00	59,000.00	59,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Miscellaneous Indian Funds, Oklahoma (Tribal Funds)—
Oklahoma: Ponca (Otoe, $1,000; Ponca, $2,500; Tonkawa, $700), $4,200; Sac and Fox, $3,000; Kiowa, Comanche, and Apache, [$50,500] *$50,000*; Cheyennes and Arapahoes, $30,000; in all, [$87,700] *$87,200* (*U. S. C., p. 697, sec. 123; act Jan. 12, 1927, vol. 44, p. 954*).

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	PONCA						
	Field service:						
	Salaries and wages—	*Average—*		*Average—*		*Average—*	
	Salary range, $1,320 to $1,680; average, $1,500—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Assistant clerk					1	$1,500
	Salary range, $1,140 to $1,500; average, $1,320—						
	Junior clerk	1	$1,320	1	$1,320	1	1,320
	Salary range, $900 to $1,140; average, $1,020—						
	Laborer	1	1,080	1	1,080	1	1,080
	Total average number of employees	2		2		3	
	Total salaries and wages, field service		2,400		2,400		3,886
	Deduct allowance value of quarters, fuel, and light furnished		300		300		480
	Cash payment, salaries and wages		2,100		2,100		3,406
	Miscellaneous and temporary labor $8 to $1 per day		500		500		
01	Total personal services		2,600		2,600		3,406
	Supplies and materials:						
0230	Fuel		200.00		200.00		
0280	Sundry supplies		100.00		100.00		44.95
02	Total supplies and materials		300.00		300.00		44.95
05	Communication service		75.00		75.00		57.20
07	Transportation of things		50.00		50.00		2.43
08	Printing, engraving, lithographing, photographing, and typewriting						8.50
10	Furnishing of heat, light, power, water, and electricity		300.00		300.00		221.80
12	Repairs and alterations		600.00		600.00		388.90
13	Special and miscellaneous expenses		75.00		75.00		3.28
	Equipment:						
3010	Furniture, furnishings, and fixtures		100.00		100.00		4.50
3050	Other equipment		100.00		100.00		
30	Total equipment		200.00		200.00		4.50
							4,137.56
	Unobligated balance						62.44
	Total		4,200.00		4,200.00		4,200.00
	Transferred from Indian moneys, proceeds of labor		4,200.00		4,200.00		4,200.00
	SAC AND FOX						
	Field service:						
	Salaries and wages—	*Average—*		*Average—*		*Average—*	
	Salary range, $1,320 to $1,680; average, $1,500—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Assistant clerk	1	$1,500	1	$1,500	1	$1,500
	Salary range, $1,140 to $1,500; average, $1,320—						
	Junior clerk					0.2	1,320
	Ungraded—						
	Physician					0.1	400
	Total average number of employees	1		1		1.3	
	Total salaries and wages, field service		1,500.00		1,500.00		1,769.37
	Deduct allowance value of quarters, fuel, and light furnished		180.00		180.00		216.00
01	Total personal services		1,320.00		1,320.00		1,553.37
	Supplies and materials:						
0230	Fuel		500.00		500.00		323.67
0280	Sundry supplies		200.00		200.00		14.60
02	Total supplies and materials		700.00		700.00		338.27
05	Communication service		50.00		50.00		42.05
06	Travel expense		100.00		100.00		79.44
10	Furnishing of heat, light, power, water, and electricity						10.00
12	Repairs and alterations		300.00		300.00		47.60
13	Special and miscellaneous expenses		30.00		30.00		
	Equipment:						
3000	Passenger-carrying vehicles						365.00
3010	Furniture, furnishings, and fixtures						30.10
3050	Other equipment		500.00		500.00		1.42
30	Total equipment		500.00		500.00		396.52
							2,467.25
	Unobligated balance						532.75
	Total		3,000.00		3,000.00		3,000.00
	Transferred from Indian moneys, proceeds of labor		3,000.00		3,000.00		3,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Miscellaneous Indian Funds, Oklahoma (Tribal Funds)—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
KIOWA						
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $2,400 to $3,000; average, $2,700—						
Physician	1	$2,700	1	$2,700	1	$2,700
Salary range, $2,100 to $2,700; average, $2,400—						
Physician	1	2,400	1	2,400	1	2,400
Salary range, $1,860 to $2,400; average, $2,100—						
Principal clerk	1	2,500	1	2,500	1	2,500
Salary range, $1,680 to $2,040; average, $1,860—						
Senior clerk	1	1,920	1	1,920	1	1,860
Financial clerk	1	1,860	1	1,860	1	1,860
Salary range, $1,500 to $1,860; average, $1,680—						
Clerk	2	1,680	2	1,680	2	1,680
Nurse	3	1,680	3	1,680	3	1,680
Salary range, $1,320 to $1,680; average, $1,500—						
Assistant clerk	2	1,530	2	1,530	2	1,500
Engineer					0.4	1,500
Salary range, $1,140 to $1,500; average, $1,320—						
Junior clerk	7	1,371	7	1,371	6.4	1,363
Farmer	1	1,380	1	1,380	1	1,380
Carpenter	1	1,320	1	1,320	1	1,320
General mechanic	1	1,380	1	1,380	0.6	1,380
Salary range, $900 to $1,140; average, $1,020—						
Laborer	2	1,020	2	1,020	2	1,020
Cook	1	1,020	1	1,020	1	1,020
Matron	1	1,020	1	1,020		
Salary range, $780 to $1,020; average, $900—						
Laborer	1	900	1	900	2	900
Salary range, $600 to $780; average, $690—						
Assistant	4	660	4	660	4	660
Total average number of employees	31		31		30.4	
Total salaries and wages, field service		44,137.00		44,137.00		43,045.41
Deduct allowance value of quarters, fuel, and light		5,820.00		5,820.00		5,820.00
01 Total personal services		38,317.00		38,317.00		37,225.41
Supplies and materials:						
0210 Medical supplies		1,300.00		1,300.00		540.75
0230 Fuel		1,000.00		1,000.00		1,011.85
0240 Wearing apparel and sewing supplies		200.00		200.00		62.00
0260 Provisions		2,000.00		2,000.00		617.35
0280 Sundry supplies		1,000.00		1,000.00		382.64
02 Total supplies and materials		5,500.00		5,500.00		2,614.59
Communication service:						
0500 Telegraph service		25.00		25.00		11.46
0510 Telephone service		750.00		750.00		707.05
0520 Other communication service		25.00		25.00		8.00
05 Total communication service		800.00		800.00		726.51
06 Travel expense		350.00		350.00		150.38
07 Transportation of things		300.00		400.00		183.90
08 Printing, engraving, lithographing, photographing, and typewriting						38.51
10 Furnishing of heat, light, power, water, and electricity		2,500.00		2,500.00		2,446.41
12 Repairs and alterations		1,200.00		1,200.00		905.32
13 Special and miscellaneous expenses		533.00		733.00		654.50
Equipment:						
3000 Passenger-carrying vehicles						970.15
3010 Furniture, furnishings, and fixtures		300.00		400.00		473.17
3050 Other equipment		200.00		300.00		114.88
30 Total equipment		500.00		700.00		1,558.20
Unobligated balance						46,503.73
						3,996.27
Total		50,000.00		50,500.00		50,500.00
Transferred from trust funds of Indian tribes		50,000.00		50,500.00		50,500.00
CHEYENNE AND ARAPAHO						
Field service:						
Salaries and wages—						
Salary range, $2,100 to $2,700; average, $2,400—						
Physician	1	2,400	1	2,400	0.3	2,400
Salary range, $1,860 to $2,400; average, $2,100—						
Physician					0.7	2,100
Salary range, $1,680 to $2,040; average, $1,860—						
Senior clerk	2	1,960	2	1,960	2	1,920
Salary range, $1,500 to $1,860; average, $1,680—						
Clerk	1	1,680	1	1,680	2	1,680
Salary range, $1,320 to $1,680; average, $1,500—						
Assistant clerk	4	1,500	4	1,500	5	1,500
Financial clerk					1	1,500
Clerk					0.8	1,500

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Miscellaneous Indian Funds, Oklahoma (Tribal Funds)—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
CHEYENNE AND ARAPAHO—continued			
Field service—Continued.			
Salaries and wages—Continued.	*Average—*	*Average—*	*Average—*
	No. *Salary*	*No.* *Salary*	*No.* *Salary*
Salary range, $1,140 to $1,500; average, $1,320—			
General mechanic			1 $1,440
Junior clerk	2 $1,320	2 $1,320	2.8 1,320
Farmer	5 1,380	5 1,380	
Salary range, $900 to $1,140; average, $1,020—			
Laborer			1 1,050
Salary range, $600 to $780; average, $690—			
Laborer	1 660	1 660	1 660
Assistant	1 660	1 660	1 660
Total average number of employees	17	17	18.0
Total salaries and wages, field service	24,860.00	24,860.00	27,092.86
Deduct allowances for quarters, fuel, and light	2,760.00	2,760.00	3,126.00
Cash payment, salaries and wages	22,100.00	22,100.00	23,966.86
Miscellaneous and temporary labor, $8 to $1 per day	1,000.00	1,000.00	
01 Total personal services	23,100.00	23,100.00	23,966.86
Supplies and materials:			
0200 Stationery and office supplies	25.00	25.00	25.25
0210 Medical supplies	500.00	500.00	23.33
0230 Fuel	2,500.00	2,500.00	1,750.26
0250 Forage and other supplies for animals	200.00	200.00	
0280 Sundry supplies	500.00	500.00	145.20
02 Total supplies and materials	3,725.00	3,725.00	1,944.04
Communication service:			
0510 Telephone service	700.00	700.00	688.29
0520 Other communication service			1.30
05 Total communication service	700.00	700.00	689.59
06 Travel expense	100.00	50.00	22.01
07 Transportation of things	200.00	150.00	129.49
08 Printing, engraving, lithographing, photographing, and typewriting			31.97
10 Furnishing of heat, light, power, water, and electricity	650.00	600.00	531.51
11 Repairs and alterations	1,000.00	1,000.00	434.21
13 Special and miscellaneous expenses	175.00	175.00	.75
Equipment:			
3010 Furniture, furnishings, and fixtures	250.00	300.00	287.46
3050 Other equipment	100.00	200.00	
30 Total equipment	350.00	500.00	287.46
			28,037.89
Unobligated balance			1,962.11
Total	30,000.00	30,000.00	30,000.00
Transferred from Indian moneys, proceeds of labor and trust funds of Indian tribes	30,000.00	30,000.00	30,000.00

Miscellaneous Indian Funds, Oregon (Tribal Funds)—

Oregon: Klamath, [$164,000] *$185,000, of which $10,000 may be used for construction, repair, and improvement of buildings at the agency plant;* Umatilla, $9,800; Warm Springs, $30,000; in all, [$203,800] *$224,800* (*U. S. C., p. 697, sec. 123; act Jan. 12, 1927, vol. 44, p. 954*).

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
KLAMATH			
Field service:			
Salaries and wages—	*Average—*	*Average—*	*Average—*
	No. *Salary*	*No.* *Salary*	*No.* *Salary*
Salary range, $3,000 to $3,600; average, $3,300—			
Superintendent	1 $3,600	1 $3,600	1 $3,600
Salary range, $2,100 to $2,700; average, $2,400—			
Forest examiner	1 2,400	1 2,400	1 2,400
Physician	1 2,400	1 2,400	0.3 2,400
Salary range, $1,860 to $2,400; average, $2,100—			
Principal clerk	1 2,200	1 2,200	1 2,100
Physician	1 2,100	1 2,100	1.7 2,141
Dentist	1 2,100	1 2,100	1 2,100
Financial clerk	1 2,100	1 2,100	0.2 2,100

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Miscellaneous Indian Funds, Oregon (Tribal Funds)—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
KLAMATH—continued						
Field service—Continued.						
Salaries and wages—Continued.	*Average—*		*Average—*		*Average—*	
Salary range, $1,500 to $1,860; average, $1,680—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Clerk	2	$1,680	2	$1,680	2	$1,680
Financial clerk					0.8	1,680
Nurse	1	1,680	1	1,680	1	1,680
Principal					1	1,680
Salary range, $1,320 to $1,680; average, $1,500—						
Assistant clerk	2	1,500	2	1,500	2	1,500
Stockman	2	1,590	2	1,590	2	1,590
Carpenter	1	1,620	1	1,620	1	1,620
Forest guard	2	1,560	2	1,560	2	1,560
Salary range, $1,140 to $1,500; average, $1,320—						
Field matron	1	1,440	1	1,440		
Junior clerk	2	1,320	2	1,320	2.5	1,320
Teacher	1	1,380	1	1,380	4	1,380
Salary range, $900 to $1,140; average, $1,020—						
Matron					2	1,050
Salary range, $780 to $1,020; average, $900—						
Seamstress					1	1,020
Laundress					1	900
Cook					1	900
Salary range, $420 to $600; average, $510—						
Housekeeper	1	540	1	540	1	540
Total average number of employees	22		22		30.5	
Total salaries and wages, field service		38,810.00		38,810.00		48,154.00
Deduct allowance value of quarters, fuel, and light furnished		4,640.00		4,640.00		5,580.00
Cash payment, salaries and wages		34,170.00		34,170.00		42,574.00
Miscellaneous and temporary labor, $8 to $1 per day		25,000.00		25,000.00		27,429.23
01 Total personal services		59,170.00		59,170.00		70,003.23
Supplies and materials:						
0200 Stationery and office supplies		50.00		50.00		37.81
0210 Medical supplies		5,000.00		5,000.00		612.75
0220 Scientific and educational supplies		1,000.00		1,000.00		
0230 Fuel		8,500.00		8,500.00		8,138.16
0240 Wearing apparel and sewing supplies		1,800.00		800.00		119.24
0250 Forage and other supplies for animals		1,000.00		1,000.00		376.42
0260 Provisions		11,500.00		10,000.00		3,680.04
0280 Sundry supplies		10,500.00		10,000.00		9,902.13
02 Total supplies and materials		39,350.00		36,350.00		22,866.55
Communication service:						
0510 Telephone service		200.00		200.00		136.05
0520 Other communication service		50.00		50.00		5.11
05 Total communication service		250.00		250.00		141.16
06 Travel expense		6,000.00		5,500.00		5,613.64
07 Transportation of things		5,000.00		4,000.00		3,859.88
08 Printing, engraving, lithographing, photographing, and typewriting						65.19
10 Furnishing of heat, light, power, water, and electricity		300.00		300.00		74.14
Rents:						
1100 Rent of buildings and structures		100.00		100.00		98.00
1110 Other rents		50.00		50.00		50.00
11 Total rents		150.00		150.00		148.00
12 Repairs and alterations		15,000.00		12,000.00		10,355.74
13 Special and miscellaneous expenses		5,780.00		5,780.00		5,770.58
22 Grants, subsidies, and contributions		1,000.00		1,000.00		786.93
Equipment:						
3000 Passenger-carrying vehicles		1,000.00		1,000.00		1,474.34
3010 Furniture, furnishings, and fixtures		4,000.00		4,000.00		3,543.72
3020 Educational, scientific, and recreational supplies		500.00		500.00		0,677.73
3040 Livestock		8,000.00		8,000.00		810.00
3050 Other equipment		20,000.00		10,000.00		20,375.28
30 Total equipment		33,500.00		23,500.00		35,911.07
32 Structures and parts, and nonstructural improvements to land		19,500.00		16,000.00		6,010.89
Unobligated balance						161,607.00
						2,393.00
Total		185,000.00		164,000.00		164,000.00
Transferred from Indian moneys, proceeds of labor		185,000.00		164,000.00		164,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Miscellaneous Indian Funds, Oregon (Tribal Funds)—Continued.

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	UMATILLA						
	Field service:						
	Salaries and wages—	*Average—*		*Average—*		*Average—*	
		No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Salary range, $1,860 to $2,400; average, $2,100—						
	Special officer	1	$2,100	1	$2,100	1	$2,100
	Salary range, $1,500 to $1,860; average, $1,680—						
	Clerk	1	1,680	1	1,680	1	1,680
	Salary range, $1,320 to $1,680; average, $1,500—						
	Assistant clerk	1	1,500	1	1,500	1	1,500
	Salary range, $1,140 to $1,500; average, $1,320—						
	Junior clerk	1	1,380	1	1,380	1	1,320
	Total average number of employees	4		4		4	
	Total salaries and wages, field service		6,660.00		6,660.00		6,600.00
	Deduct allowance value of quarters, fuel and light		780.00		780.00		780.00
	Cash payment, salaries and wages		5,880.00		5,880.00		5,820.00
	Miscellaneous and temporary labor, $8 to $1 per day		300.00		300.00		336.55
01	Total personal service		6,180.00		6,180.00		6,156.55
	Supplies and materials:						
0210	Medical supplies		200.00		150.00		133.69
0230	Fuel		1,200.00		1,100.00		1,169.66
0280	Sundry supplies		200.00		150.00		85.20
02	Total supplies and materials		1,600.00		1,400.00		1,388.55
	Communication service:						
0500	Telegraph service		25.00		25.00		13.75
0510	Telephone service		50.00		50.00		33.13
0520	Other communication service		25.00		25.00		15.00
05	Total communication service		100.00		100.00		61.88
06	Travel expense		450.00		400.00		327.77
07	Transportation of things		150.00		150.00		90.35
08	Printing, engraving, lithographing, photographing, and typewriting						5.75
09	Advertising and publication of notices						6.50
12	Repairs and alterations		1,000.00		1,000.00		1,196.36
13	Special and miscellaneous expenses		170.00		170.00		11.14
	Equipment:						
3010	Furniture, furnishings, and fixtures				200.00		161.14
3050	Other equipment		150.00		200.00		
30	Total equipment		150.00		400.00		161.14
							9,405.99
	Unobligated balance						394.01
	Total		9,800.00		9,800.00		9,800.00
	Transferred from interest on Indian trust funds		9,800.00		9,800.00		9,800.00
	WARM SPRINGS						
	Field service:						
	Salaries and wages—						
	Salary range, $2,100 to $2,700; average, $2,400—						
	Physician	0.2	2,400			0.2	2,400
	Salary range, $1,860 to $2,400; average, $2,100—						
	Physician	0.5	2,100			0.5	2,100
	Salary range, $1,500 to $1,860; average, $1,680—						
	Financial clerk	0.5	1,740			0.5	1,740
	Nurse	1	1,680			1	1,680
	Salary range, $1,320 to $1,680; average, $1,500—						
	Assistant clerk	0.3	1,500			0.3	1,500
	Salary range, $1,140 to $1,500; average, $1,320—						
	Farmer	1	1,320			1	1,320
	Salary range, $900 to $1,140; average, $1,020—						
	Laborer	1	1,020			1	1,020
	Total average number of employees	4.5				4.5	
	Total salaries and wages, field service		6,870.00				6,870.00
	The difference between 1929 and 1928 is due to transfer of salaries from another appropriation, $6,870.						
	Deduct allowance value of quarters, fuel, and light furnished		804.00				804.00
	Cash payment, salaries and wages		6,066.00				6,066.00
	Miscellaneous and temporary labor, $8 to $1 per day		3,000.00				2,789.17
	Total personal services		9,066.00				8,855.17
	Supplies and materials:						
0210	Medical supplies		200.00				121.98
0230	Fuel		1,000.00				1,075.85
0240	Wearing apparel and sewing supplies		100.00				
0250	Forage and other supplies for animals		400.00				101.40
0260	Provisions		2,500.00				1,347.83
0280	Sundry supplies		3,000.00				2,143.34
02	Total supplies and materials		7,200.00				4,790.40

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Miscellaneous Indian Funds, Oregon (Tribal Funds)—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	WARM SPRINGS—Continued			
	Communication service:			
0500	Telegraph service			$1.15
0510	Telephone service	$175.00		153.78
0520	Other communication service	25.00		4.05
05	Total communication service	200.00		158.98
06	Travel expense	600.00		533.62
07	Transportation of things	2,000.00		1,599.09
11	Rents	100.00		115.00
12	Repairs and alterations	1,500.00		1,145.01
13	Special and miscellaneous expenses	234.00		14.03
22	Grants, subsidies, and contributions	100.00		50.00
	Equipment:			
3000	Passenger-carrying vehicles			984.36
3010	Furniture, furnishings, and fixtures	500.00		94.57
3040	Livestock	5,000.00		90.00
3050	Other equipment	3,500.00		2,599.35
30	Total equipment	9,000.00		3,768.28
				21,029.58
	Unobligated balance			3,970.42
	Total	30,000.00		25,000.00
	Transferred from Indian moneys, proceeds of labor	30,000.00	(1)	25,000.00

[1] No tribal funds available 1928.

Miscellaneous Indian Funds, South Dakota (Tribal Funds)—
South Dakota: Cheyenne River, $90,000; Pine Ridge, [$500] *$7,000*; Lower Brule, $5,000; Rosebud, $10,000; *Yankton, $3,000, which shall be taken from "Interest on Sioux Fund, Yankton" accruing under the act of March 2, 1889 (Twenty-fifth Statutes at Large, page 895)*; in all, [$105,500] *$115,000 (U. S. C., p. 697, sec. 123; act Jan. 12, 1927, vol. 44, p. 954)*.

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	CHEYENNE RIVER						
	Field service:						
	Salaries and wages—	*Average—*		*Average—*		*Average—*	
		No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Salary range, $2,100 to $2,700; average, $2,400—						
	Physician	1	$2,400	1	$2,400	1	$2,400
	Salary range, $1,680 to $2,040; average, $1,860—						
	Senior clerk	1	2,000	1	2,000	1	1,890
	Salary range, $1,500 to $1,860; average, $1,680—						
	Clerk	1	1,740	1	1,740	1	1,740
	Nurse	1	1,680	1	1,680	1	1,680
	Salary range, $1,320 to $1,680; average, $1,500—						
	Assistant clerk	3	1,520	3	1,520	3	1,500
	Stockman	1	1,800	1	1,800	1	1,800
	Salary range, $1,140 to $1,500; average, $1,320—						
	Farmer	1	1,380	1	1,380	1	1,380
	Carpenter	1	1,320	1	1,320	1	1,320
	Junior clerk	1	1,320	1	1,320	1	1,320
	Salary range, $900 to $1,140; average, $1,020—						
	Laborer	5	1,020	5	1,020	5	1,032
	Salary range, $780 to $1,020; average, $900						
	Cook	1	900	1	900	1	900
	Laborer	1	900	1	900	1	900
	Salary range, $600 to $780; average, $690—						
	Laborer	1	660	1	660	1	660
	Total average number of employees	19		19		19	
	Total salaries and wages, field service		25,760.00		25,760.00		25,650.00
	Deduct allowance value of quarters, fuel, and light furnished		2,840.00		2,840.00		2,820.00
	Cash payment, salaries and wages		22,920.00		22,920.00		22,830.00
	Miscellaneous and temporary labor, $8 to $1 per day		12,000.00		12,000.00		7,647.15
01	Total personal services		34,920.00		34,920.00		30,477.15
	Supplies and materials:						
0210	Medical supplies		4,000.00		4,000.00		2,223.98
0220	Scientific and educational supplies		500.00		500.00		
0230	Fuel		8,000.00		8,000.00		6,998.34
0240	Wearing apparel and sewing supplies		500.00		500.00		366.17
0250	Forage and other supplies for animals		4,000.00		3,500.00		3,475.44
0260	Provisions		10,000.00		10,000.00		6,649.29
0280	Sundry supplies		2,000.00		2,000.00		905.51
02	Total supplies and materials		29,000.00		28,500.00		20,618.73

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Miscellaneous Indian Funds, South Dakota (Tribal Funds)—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	CHEYENNE RIVER—continued			
	Communication service:			
0500	Telegraph service	$25.00	$25.00	$7.54
0510	Telephone service	125.00	125.00	108.73
0520	Other communication service	50.00	50.00	28.44
05	Total communication service	200.00	200.00	144.71
06	Travel expense	2,500.00	2,500.00	2,352.26
07	Transportation of things	5,500.00	5,500.00	4,564.70
08	Printing, engraving, lithographing, photographing, and typewriting			85.00
11	Rents	250.00	250.00	210.00
12	Repairs and alterations	7,000.00	6,500.00	5,405.58
13	Special and miscellaneous expenses	1,130.00	830.00	832.50
22	Grants, subsidies, and contributions	500.00	500.00	417.50
	Equipment:			
3000	Passenger-carrying vehicles	1,000.00	800.00	1,372.22
3010	Furniture, furnishings, and fixtures	2,000.00	3,000.00	2,928.00
3050	Other equipment	3,000.00	4,500.00	1,441.87
30	Total equipment	6,000.00	8,300.00	5,742.09
32	Structures and parts, and nonstructural improvements to land	3,000.00	2,000.00	868.25
				71,718.47
	Unobligated balance			18,281.53
	Total	90,000.00	90,000.00	90,000.00
	Transferred from interest on Indian trust funds, trust funds of Indian tribes, and Indian moneys, proceeds of labor	90,000.00	90,000.00	90,000.00
	PINE RIDGE			
01	Total personal services (irregular labor)	5,000.00	500.00	
07	Transportation of things	500.00		5.03
12	Repairs and alterations	1,500.00		13.25
				18.28
	Unobligated balance			481.72
	Total	7,000.00	500.00	500.00
	Transferred from Indian moneys, proceeds of labor	7,000.00	500.00	500.00
	LOWER BRULE			
	Field service:			
	Salaries and wages—	*Average—*	*Average—*	*Average—*
	Salary range, $1,320 to $1,680; average, $1,500—	*No.* *Salary*	*No.* *Salary*	*No.* *Salary*
	Financial clerk	1 $1,500	1 $1,500	0.9 $1,500
	Stockman	1 1,500	1 1,500	
	Total average number of employees	2	2	0.9
	Total salaries and wages, field service	3,000.00	3,000.00	1,350.00
	Deduct allowance value of quarters, fuel, and light	360.00	360.00	162.00
	Cash payment, salaries and wages	2,640.00	2,640.00	1,188.00
	Miscellaneous and temporary labor, $8 to $1 per day	150.00	150.00	196.25
01	Total personal services	2,790.00	2,790.00	1,384.25
	Supplies and materials:			
0210	Medical supplies	50.00	50.00	43.22
0230	Fuel	500.00	500.00	974.64
0240	Wearing apparel and sewing supplies		50.00	41.25
0250	Forage and other supplies for animals	100.00	100.00	110.50
0260	Provisions	1,200.00	1,200.00	1,364.88
0280	Sundry supplies	50.00	100.00	82.65
02	Total supplies and materials	1,900.00	2,000.00	2,617.14
05	Communication service			7.80
06	Travel expense	50.00	50.00	39.16
08	Printing, engraving, lithographing, photographing, and typewriting			5.00
12	Repairs and alterations	260.00	160.00	251.05
	Equipment:			
3000	Passenger-carrying vehicles			499.50
3010	Furniture, furnishings, and fixtures			16.10
3040	Livestock			100.00
30	Total equipment			615.60
32	Structures and parts, and nonstructural improvements to land			30.00
				4,950.00
	Unobligated balance			50.00
	Total	5,000.00	5,000.00	5,000.00
	Transferred from Indian moneys, proceeds of labor	5,000.00	5,000.00	5,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), data of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Miscellaneous Indian Funds, South Dakota (Tribal Funds)—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
ROSEBUD			
07 Transportation of things	$7,000.00	$7,000.00	$6,877.51
22 Grants, subsidies, and contributions (tuition)	3,000.00	3,000.00	3,000.00
			9,877.51
Unobligated balance			122.49
Total	10,000.00	10,000.00	10,000.00
Transferred from Indian moneys, proceeds of labor	10,000.00	10,000.00	10,000.00
YANKTON			
13 Special and miscellaneous expenses	3,000.00		
Total	3,000.00		
Transferred from interest on Indian trust funds	3,000.00		

Miscellaneous Indian Funds, Utah (Tribal Funds)—

Utah: [Goshute (Goshute, $3,500; Paiute, $600; Skull Valley, $1,000), $5,100;] Uintah and Ouray, $15,000: *Provided*, That not to exceed $500 of this amount may be used to pay part of the expenses of the State Experimental Farm, located near Fort Duchesne, Utah, within the Uintah and Ouray Indian Reservation; [in all, $20,100;] (*U. S. C., p. 697, sec. 123; act Jan. 12, 1927, vol. 44, p. 954*).

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
01 Total personal services (irregular labor)	$3,500.00	$3,300.00	$5,930.99
Supplies and materials:			
0210 Medical supplies	650.00	650.00	603.56
0230 Fuel	2,000.00	2,000.00	829.93
0240 Wearing apparel and sewing supplies	100.00	100.00	63.24
0260 Provisions	1,500.00	1,500.00	1,041.22
0280 Sundry supplies	500.00	500.00	192.97
02 Total supplies and materials	4,750.00	4,750.00	2,731.22
Communication service:			
0510 Telephone service	100.00	100.00	
0520 Other communication service	25.00	25.00	4.56
05 Total communication service	125.00	125.00	4.56
06 Travel expense	500.00	500.00	505.00
07 Transportation of things	2,000.00	2,000.00	1,818.07
08 Printing, engraving, lithographing, photographing, and typewriting			7.46
10 Furnishing of heat, light, power, water, and electricity	1,000.00	1,500.00	227.81
11 Rents	100.00	100.00	98.76
12 Repairs and alterations	1,500.00	1,500.00	1,150.11
13 Special and miscellaneous expenses	175.00	75.00	31.41
22 Grants, subsidies, and contributions	150.00	150.00	130.00
Equipment:			
3000 Passenger-carrying vehicles			451.57
3010 Furniture, furnishings, and fixtures	500.00	400.00	953.36
3050 Other equipment	700.00	600.00	158.31
30 Total equipment	1,200.00	1,000.00	1,563.24
			14,198.63
Unobligated balance			801.37
Total	15,000.00	15,000.00	15,000.00
Transferred from Indian moneys, proceeds of labor	15,000.00	15,000.00	15,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Miscellaneous Indian Funds, Washington (Tribal Funds)—
Washington: Colville, $30,000; Neah Bay, $5,000; Puyallup, $3,000; Spokane, $19,000; Taholah (Quinaielt), $11,000; Yakima, $35,000; in all, $103,000 (*U. S. C., p. 697, sec. 123; act Jan. 12, 1927, vol. 44, p. 954*).

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
COLVILLE						
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
Salary range, $1,860 to $2,400; average, $2,100—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Principal clerk	1	$2,100	1	$2,100	1	$2,100
Physician	1	2,100	1	2,100	1	2,100
Salary range, $1,680 to $2,040; average, $1,860—						
General mechanic	1	1,860	1	1,860	1	1,860
Forest ranger	1	1,920	1	1,920	2	1,860
Salary range, $1,500 to $1,860 average, $1,680—						
Clerk	1	1,680	1	1,680	1	1,680
Salary range, $1,320 to $1,680; average, $1,500—						
Assistant clerk	1	1,500	1	1,500	1	1,500
Financial clerk	1	1,500	1	1,500	1	1,500
Forest guard	1	1,560	1	1,560	1	1,500
Salary range, $1,140 to $1,500; average, $1,320—						
Farmer	1	1,440	1	1,440	1	1,380
Junior clerk	1	1,380	1	1,380	1	1,320
Salary range, $900 to $1,140; average, $1,020—						
Laborer	3	1,080	3	1,080	3	1,080
Ungraded—						
Physician	2	1,220	2	1,220	2	1,042
Total average number of employees	15		15		16	
Total salaries and wages, field service		22,720.00		22,720.00		23,984.00
Deduct allowance value of quarters, fuel, and light furnished		2,340.00		2,340.00		2,700.00
Cash payment, salaries and wages		20,380.00		20,380.00		21,84.00
Miscellaneous and temporary labor, $8 to $1 per day		2,200.00		2,200.00		19,744.82
01 Total personal services		22,580.00		22,580.00		41,028.82
Supplies and materials:						
0210 Medical supplies		800.00		700.00		846.22
0230 Fuel		1,300.00		1,500.00		1,103.30
0260 Provisions		1,200.00		1,200.00		968.26
0280 Sundry supplies		600.00		500.00		1,392.43
02 Total supplies and materials		3,900.00		3,900.00		4,310.21
Communication service:						
0500 Telegraph service						5.23
0510 Telephone service		175.00		175.00		159.46
0520 Other communication service		25.00		25.00		2.90
05 Total communication service		200.00		200.00		167.59
06 Travel expense		300.00		300.00		218.57
07 Transportation of things		300.00		300.00		381.85
10 Furnishing of heat, light, power, water, and electricity		100.00		100.00		79.15
11 Rents		200.60		300.00		311.75
12 Repairs and alterations		2,000.00		2,000.00		2,350.10
13 Special and miscellaneous expenses		20.00		20.00		9.10
22 Grants, subsidies, and contributions		100.00				40.90
Equipment:						
3000 Passenger-carrying vehicles						552.37
3010 Furniture, furnishings, and fixtures		200.00		200.00		592.63
3040 Livestock						37.75
3050 Other equipment		100.00		100.00		86.44
30 Total equipment		300.00		300.00		1,269.19
32 Structures and parts, and nonstructural improvements to land						1,319.78
						51,487.01
Less amount authorized in deficiency						21,487.01
Total		30,000.00		30,000.00		30,000.00
Transferred from Indian moneys, proceeds of labor		30,000.00		30,000.00		30,000.00
NEAH BAY						
Field service:						
Salaries and wages—						
Salary range, $1,140 to $1,500; average, $1,320—						
Financial clerk	1	$1,320	1	$1,320		
Salary range, $900 to $1,140; average, $1,020—						
Laborer	1	1,020	1	1,020		
Total average number of employees	2		2			
Total salaries and wages, field service		2,340.00		2,340.00		
Deduct allowance value of quarters, fuel, and light furnished		300.00		300.00		
Cash payment, salaries and wages		2,040.00		2,040.00		
Miscellaneous and temporary labor, $8 to $1 per day		1,000.00		1,000.00		$2,141.50
01 Total personal services		3,040.00		3,040.00		2,141.50

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Miscellaneous Indian Funds, Washington (Tribal Funds)—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
NEAH BAY—continued			
Supplies and materials:			
0210 Medical supplies	$100.00	$100.00	
0230 Fuel	500.00	500.00	
0260 Provisions	500.00	500.00	
0280 Sundry supplies	200.00	200.00	
02 Total supplies and materials	1,300.00	1,300.00	
11 Rents			$8.00
12 Repairs and alterations	160.00	160.00	97.76
30 Equipment	500.00	500.00	665.00
			2,912.26
Unobligated balance			2,087.74
Total	5,000.00	5,000.00	5,000.00
Transferred from Indian moneys, proceeds of labor	5,000.00	5,000.00	5,000.00
PUYALLUP			
01 Total personal services (irregular labor)	2,000.00	2,000.00	895.00
02 Supplies and materials			90.00
13 Special and miscellaneous expenses	1,000.00	1,000.00	
30 Equipment			28.00
32 Structures and parts, and nonstructural improvements to land			366.59
			1,379.59
Unobligated balance			1,620.41
Total	3,000.00	3,000.00	3,000.00
Transferred from Indian moneys, proceeds of labor	3,000.00	3,000.00	3,000.00
SPOKANE			
Field service:	*Average—*	*Average—*	*Average—*
Salaries and wages—	*No.* *Salary*	*No.* *Salary*	*No.* *Salary*
Salary range, $2,100 to $2,700; average, $2,400—Physician	1 $2,400	1 $2,400	
Salary range, $1,860 to $2,400; average, $2,100—Physician			1 $2,100
Salary range, $1,320 to $1,680; average, $1,500—Assistant clerk	1 1,500	1 1,500	1 1,530
Salary range, $1,140 to $1,500; average, $1,320—Farmer	1 1,560	1 1,560	1 1,500
Total average number of employees	3	3	3
Total salaries and wages, field service	5,460.00	5,460.00	5,130.00
Deduct allowance value of quarters, fuel, and light furnished	660.00	660.00	600.00
Cash payment, salaries and wages	4,800.00	4,800.00	4,530.00
Miscellaneous and temporary labor $8 to $1 per day	4,000.00	4,000.00	4,009.49
01 Total personal services	9,800.00	9,800.00	8,539.49
Supplies and materials:			
0210 Medical supplies	300.00	350.00	200.81
0230 Fuel	100.00	1,000.00	906.49
0240 Wearing apparel and sewing supplies	100.00	100.00	
0250 Forage and other supplies for animals	500.00	500.00	291.50
0260 Provisions	2,500.00	2,500.00	1,561.59
0280 Sundry supplies	800.00	800.00	184.88
02 Total supplies and materials	5,300.00	5,250.00	3,145.27
05 Communication service	75.00	75.00	63.50
06 Travel expense	500.00	500.00	496.65
07 Transportation of things	300.00	300.00	255.44
11 Rents	100.00	100.00	56.75
12 Repairs and alterations	1,500.00	1,500.00	1,039.55
13 Special and miscellaneous expenses	125.00	75.00	14.75
Equipment:			
3000 Passenger-carrying vehicles		500.00	1,079.44
3010 Furniture, furnishings, and fixtures	400.00	500.00	272.29
3050 Other equipment	900.00	400.00	1,060.39
30 Total equipment	1,300.00	1,400.00	2,412.12
			16,023.52
Unobligated balance			2,976.48
Total	19,000.00	19,000.00	19,000.00
Transferred from Indian moneys, proceeds of labor	19,000.00	19,000.00	19,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Miscellaneous Indian Funds, Washington (Tribal Funds)—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
QUINAIELT			
Field service:			
Salaries and wages:	*Average—* *No.* *Salary*	*Average—* *No.* *Salary*	*Average—* *No.* *Salary*
Salary range, $2,100 to $2,700; average, $2,400— Superintendent	0.5 $2,700	0.5 $2,700	0.5 $2,700
Salary range, $1,680 to $2,040; average, $1,860— Senior clerk	0.5 2,300	0.5 2,300	0.5 2,200
Salary range, $1,320 to $1,680; average, $1,500— Financial clerk	1 1,860	1 1,860	1 1,860
Assistant clerk	1 1,560	1 1,560	1 1,560
Salary range, $1,140 to $1,500; average, $1,320— Practical nurse	1 1,380	1 1,380	1 1,380
Total average number of employees	4	4	4
Total salaries and wages, field service	7,300.00	7,300.00	7,250.00
Deduct allowance value of quarters, fuel, and light furnished	180.00	180.00	180.00
Cash payment, salaries and wages	7,120.00	7,120.00	7,070.00
Miscellaneous and temporary labor $8 to $1 per day	1,500.00	1,500.00	1,825.71
01 Total personal services	8,620.00	8,620.00	8,895.71
Supplies and materials:			
0210 Medical supplies	75.00	100.00	6.97
0230 Fuel	100.00	150.00	71.51
0260 Provisions	900.00	900.00	719.81
0280 Sundry supplies	200.00	100.00	9.38
02 Total supplies and materials	1,275.00	1,250.00	807.67
Communication service:			
0510 Telephone service	100.00	100.00	106.85
0520 Other communication service	10.00	10.00	6.00
05 Total communication service	110.00	110.00	112.85
06 Travel expense	75.00	75.00	15.75
07 Transportation of things	50.00	50.00	33.88
08 Printing, engraving, lithographing, photographing, and typewriting			24.26
11 Rents	50.00	50.00	45.00
12 Repairs and alterations	350.00	350.00	271.80
13 Special and miscellaneous expenses	120.00	120.00	236.85
22 Grants, subsidies, and contributions	150.00	150.00	150.00
Equipment:			
3010 Furniture, furnishings, and fixtures	100.00	100.00	103.86
3050 Other equipment	100.00	125.00	123.99
30 Total equipment	200.00	225.00	227.85
Unobligated balance			10,821.62 178.38
Total	11,000.00	11,000.00	11,000.00
Transferred from Indian moneys, proceeds of labor	11,000.00	11,000.00	11,000.00
YAKIMA			
Field service:			
Salaries and wages—			
Salary range, $3,000 to $3,600; average, $3,300— Superintendent	1 3,600	1 3,600	1 3,600
Salary range, $2,100 to $2,700; average, $2,400— Deputy supervisor of forests	1 2,400	1 2,400	
Salary range, $1,860 to $2,400; average, $2,100— Senior forest ranger			1 2,400
Salary range, $1,680 to $2,040; average, $1,860— Senior clerk	1 2,300	1 2,300	1 2,200
Salary range, $1,500 to $1,860; average, $1,680— Clerk	1 2,040	1 2,040	1 2,040
Day-school inspector	1 1,680	1 1,680	1 1,680
Salary range, $1,320 to $1,680; average, $1,500— Assistant clerk	1 1,860	1 1,860	1 1,860
Senior forest guard	1 1,500	1 1,500	0.5 1,500
Salary range, $1,140 to $1,500; average, $1,320— Junior clerk	5 1,560	5 1,560	5 1,560
Female industrial teacher	1 1,380	1 1,380	1 1,380
Salary range, $900 to $1,140; average, $1,020— Laborer	3 940	3 940	2 940
Ungraded— Physician	1 360	1 360	1 360
Total average number of employees	17	17	15.5
01 Total personal services	27,740.00	27,740.00	23,720.75

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), data of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Miscellaneous Indian Funds, Washington (Tribal Funds)—Continued.					
YAKIMA—continued					
Supplies and materials:					
0200 Stationery and office supplies	$100.00	$50.00	$85.90		
0210 Medical supplies	150.00	150.00	108.74		
0230 Fuel	1,100.00	1,000.00	1,195.04		
0240 Wearing apparel and sewing supplies	100.00	100.00			
0250 Forage and other supplies for animals	100.00	100.00			
0260 Provisions	800.00	700.00	527.52		
0280 Sundry supplies	500.00	500.00	308.28		
02 Total supplies and materials	2,850.00	2,600.00	2,225.48		
Communication service:					
0500 Telegraph service	10.00	10.00	8.90		
0510 Telephone service	280.00	280.00	246.44		
0520 Other communication service	10.00	10.00	4.00		
05 Total communication service	300.00	300.00	259.34		
06 Travel expense	350.00	350.00	144.78		
07 Transportation of things	100.00	100.00	26.00		
08 Printing, engraving, lithographing, photographing, and typewriting			8.30		
10 Furnishing of heat, light, power, water, and electricity			19.00		
12 Repairs and alterations	3,000.00	3,000.00	2,545.18		
13 Special and miscellaneous expenses	110.00	110.00	27.00		
Equipment:					
3010 Furniture, furnishings, and fixtures	250.00	400.00	190.24		
3050 Other equipment	300.00	400.00	56.25		
30 Total equipment	550.00	800.00	246.49		
Unobligated balance			29,222.12		
			3,177.88		
Total	35,000.00	35,000.00	32,400.00		
Transferred from Indian moneys, proceeds of labor	35,000.00	35,000.00	32,400.00		

Miscellaneous Indian Funds, Wisconsin (Tribal Funds)—

Wisconsin: Lac du Flambeau, $1,200; Keshena, $35,000; in all, $36,200 (*U. S. C., p. 697, sec. 123; act Jan. 12, 1927, vol. 44, p. 954*).

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
LAC DU FLAMBEAU			
01 Total personal services (irregular labor)	$500.00	$500.00	$391.00
Supplies and materials:			
0210 Medical supplies	50.00	50.00	47.00
0230 Fuel	250.00	250.00	562.02
0250 Forage and other supplies for animals			48.60
0260 Provisions	300.00	250.00	238.76
0280 Sundry supplies	100.00	50.00	17.24
02 Total supplies and materials	700.00	600.00	913.62
06 Travel expense		50.00	38.00
07 Transportation of things			3.53
12 Repairs and alterations			514.92
Equipment:			
3010 Furnishings, furniture, and fixtures			89.39
3050 Other equipment		50.00	17.00
30 Total equipment		50.00	106.39
Unobligated balance			1,967.46
			32.54
Total	1,200.00	1,200.00	2,000.00
Transferred from Indian moneys, proceeds of labor	1,200.00	1,200.00	2,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Miscellaneous Indian Funds, Wisconsin (Tribal Funds)—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
KESHENA			
Field service:			
Salaries and wages—	*Average—*	*Average—*	*Average—*
	No. *Salary*	*No.* *Salary*	*No.* *Salary*
Salary range, $2,100 to $2,700; average, $2,400—			
Assistant superintendent	1 $2,400	1 $2,400	1 $2,400
Physician	1 2,700	1 2,700	1 2,700
Salary range, $1,500 to $1,860; average, $1,680—			
Electrician	1 1,680	1 1,680	1 1,680
Nurse	1 1,680	1 1,680	1 1,680
Salary range, $1,320 to $1,680; average, $1,500—			
Financial clerk	1 1,500	1 1,500	1 1,500
Assistant clerk	1 1,500	1 1,500	1 1,500
Salary range, $1,140 to $1,500; average, $1,320—			
General mechanic	1 1,380	1 1,380	1 1,380
Junior clerk	2 1,320	2 1,320	2 1,320
Forest guard	1 1,320	1 1,320	1 1,320
Salary range, $1,020 to $1,260; average, $1,140—			
Forest guard	1 1,140	1 1,140	1 1,080
Salary range, $900 to $1,140; average, $1,020—			
Blacksmith			0.3 1,140
Laborer	3 1,020	3 1,020	3 1,020
Salary range, $780 to $1,020; average, $900—			
Cook	1 900	1 900	1 900
Salary range, $600 to $780; average, $690—			
Assistant	2 660	2 660	2.3 660
Total average number of employees	17	17	17.6
Total salaries and wages, field service	23,220.00	23,220.00	23,700.00
Deduct allowance value of quarters, fuel, and light furnished	2,760.00	2,760.00	2,832.00
Cash payment, salaries and wages	20,460.00	20,460.00	20,868.00
Miscellaneous and temporary labor, $8 to $1 per day	3,300.00	3,300.00	3,027.74
01 Total personal services	23,760.00	23,760.00	23,895.74
Supplies and materials:			
0210 Medical supplies	700.00	600.00	548.55
0220 Scientific and educational supplies	100.00		38.10
0230 Fuel	3,300.00	3,200.00	2,574.92
0240 Wearing apparel and sewing supplies	100.00	100.00	35.95
0250 Forage and other supplies for animals	500.00	500.00	480.85
0260 Provisions	3,200.00	3,000.00	2,933.88
0280 Sundry supplies	500.00	400.00	183.78
02 Total supplies and materials	8,400.00	7,800.00	6,796.03
Communication service:			
0510 Telephone service	75.00	75.00	52.98
0520 Other communication service	25.00	25.00	10.00
05 Total communication service	100.00	100.00	62.98
06 Travel expense	200.00	150.00	135.86
07 Transportation of things	350.00	400.00	177.93
08 Printing, engraving, lithographing, photographing, and typewriting			9.25
12 Repairs and alterations	1,400.00	1,500.00	1,152.65
13 Special and miscellaneous expenses	90.00	90.00	
22 Grants, subsidies, and contributions	100.00	100.00	92.00
Equipment			
3000 Passenger-carrying vehicles		600.00	760.00
0310 Furniture, furnishings, and fixtures	300.00	100.00	315.01
3050 Other equipment	300.00	400.00	87.61
30 Total equipment	600.00	1,100.00	1,162.62
			33,485.06
Unobligated balance			1,514.94
Total	35,000.00	35,000.00	35,000.00
Transferred from Indian moneys, proceeds of labor, and interest on Indian trust funds	35,000.00	35,000.00	35,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Miscellaneous Indian Funds, Wyoming (Tribal Funds)—
Wyoming: Shoshone, $80,000, *of which $7,000 may be used for the installation of a hydroelectric plant, and appurtenances, and the wiring of buildings (U. S. C., p. 697, sec. 123; act Jan. 12, 1927, vol. 44, p. 954).*

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average—		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Field service:						
Salaries and wages—						
Salary range, $2,700 to $3,300; average, $3,000—						
Superintendent	1	$3,000	1	$3,000	1	$3,000
Salary range, $1,680 to $2,040; average, $1,860—						
Senior clerk	1	1,920	1	1,920	1	1,920
Salary range, $1,500 to $1,860; average, $1,680—						
Clerk	1	1,680	1	1,680	1	1,680
Nurse	1	1,680	1	1,680	1	1,680
Salary range, $1,320 to $1,680; average, $1,500—						
Superintendent of livestock	1	1,860	1	1,860	1	1,860
Assistant clerk	3	1,500	3	1,500	3	1,507
Financial clerk	1	1,500	1	1,500	1	1,500
Salary range, $1,140 to $1,680; average, $1,500—						
Farmer	3	1,420	3	1,420	3	1,424
Nurse (practical)	1	1,380	1	1,380		
Carpenter	1	1,380	1	1,380	1	1,380
Stockman	1	1,320	1	1,320	1	1,320
Forest guard	1	1,320	1	1,320		
Salary range, $900 to $1,140; average, $1,020—						
Laborer	4	1,125	4	1,125	4	1,125
Ungraded—						
Physician	1	600	1	600	1	600
Total average number of employees	21		21		19	
Total salaries and wages, field service		30,900.00		30,900.00		28,233.00
Deduct allowance value of quarters, fuel, and light furnished		3,480.00		3,480.00		3,120.00
Cash payment, salaries and wages		27,420.00		27,420.00		25,113.00
Miscellaneous and temporary labor, $8 to $1 per day		8,000.00		10,000.00		10,515.55
01 Total personal services		35,420.00		37,420.00		35,628.55
Supplies and materials:						
0210 Medical supplies		1,000.00		1,000.00		493.09
0230 Fuel		8,000.00		8,000.00		12,612.73
0240 Wearing apparel and sewing supplies		500.00		300.00		330.56
0250 Forage and other supplies for animals		12,500.00		15,000.00		10,584.55
0260 Provisions		1,500.00		1,200.00		598.93
0280 Sundry supplies		2,500.00		3,500.00		2,351.62
02 Total supplies and materials		26,000.00		29,000.00		26,971.48
Communication service:						
0500 Telegraph service		25.00		25.00		25.36
0510 Telephone service		200.00		200.00		161.85
0520 Other communication service		25.00		25.00		27.70
05 Total communication service		250.00		250.00		214.91
06 Travel expense		500.00		500.00		313.21
07 Transportation of things		2,800.00		3,000.00		2,933.99
08 Printing, engraving, lithographing, photographing, and typewriting						30.76
12 Repairs and alterations		5,500.00		7,000.00		6,375.11
13 Special and miscellaneous expenses		230.00		130.00		173.75
22 Grants, subsidies, and contributions		200.00		200.00		157.73
Equipment:						
3010 Furniture, furnishings, and fixtures		500.00		500.00		443.49
3040 Livestock						140.00
3050 Other equipment		1,600.00		2,000.00		987.18
30 Total equipment		2,100.00		2,500.00		1,570.67
32 Structures and parts, and nonstructural improvements to land		7,000.00				34,660.57
						109,030.73
Unobligated balance						5,969.27
Total		80,000.00		80,000.00		115,000.00
Transferred from Indian moneys, proceeds of labor		80,000.00		80,000.00		115,000.00

In all, not to exceed [$1,434,800] *$1,471,900.*

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Support of Chippewa Indians in Minnesota (Tribal Funds)—

For [promoting civilization and] *general support, administration of property, and promotion of* self-support among the Chippewa Indians in the State of Minnesota, $150,000, to be paid from the principal sum on deposit to the credit of said Indians, arising under section 7 of the act entitled "An act for the relief and civilization of the Chippewa Indians in the State of Minnesota," approved January 14, 1889, to be used exclusively for the purposes following: Not exceeding $47,000 of this amount may be expended for general agency purposes; not exceeding $10,000 may be expended, under the direction of the Secretary of the Interior, in aiding in the construction, equipment, and maintenance of additional public schools in connection with and under the control of the public-school system of the State of Minnesota, said additional school buildings to be located at places contiguous to Indian children who are now without proper public-school facilities; not exceeding $15,000 may be expended in aiding indigent Chippewa Indians upon the condition that any funds used in support of a member of the tribe shall be reimbursed out of and become a lien against any individual property of which such member may now or hereafter become seized or possessed, and the Secretary of the Interior shall annually transmit to Congress at the commencement of each regular session a complete and detailed statement of such expenditures, the two preceding requirements not to apply to any old, infirm, or indigent Indian, in the discretion of the Secretary of the Interior; not exceeding $78,000 may be expended for the support of the Indian hospitals (*acts Jan. 14, 1889, vol. 25, p. 645, sec. 7; Aug. 19, 1890, vol. 26, p. 357, sec. 1; Jan. 12, 1927, vol. 44, p. 954*).

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average*—		*Average*—		*Average*—	
Salary range, $2,400 to $3,000; average, $2,700—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Physician	3	$2,700	3	$2,700		
Salary range, $2,100 to $2,700; average, $2,400—						
Principal clerk	1	2,600	1	2,600	1	$2,500
Physician	4	2,400	4	2,400	4.7	2,400
Salary range, $1,860 to $2,400; average, $2,100—						
Physician					3	2,100
Salary range, $1,680 to $2,040; average, $1,860—						
Assistant clerk	1	1,920	1	1,920	1	1,920
Senior clerk	1	2,000	1	2,000	1	1,920
Salary range, $1,500 to $1,860; average, $1,680—						
Clerk	1	1,800	1	1,800	1	1,740
Nurse	6	1,680	6	1,680	6	1,680
Salary range, $1,320 to $1,680; average, $1,500—						
Financial clerk	1	1,560	1	1,560	1	1,500
Assistant clerk	5	1,515	5	1,515	5	1,512
Forest guard	2	1,500	2	1,500	2	1,500
Engineer	1	1,500	1	1,500	1	1,500
Salary range, $1,140 to $1,500; average, $1,320—						
Farmer	2	1,410	2	1,410	1.6	1,380
Junior clerk	3	1,320	3	1,320	3	1,320
Carpenter	1	1,320	1	1,320	1	1,320
Salary range, $900 to $1,140; average, $1,020—						
Matron	2	1,020	2	1,020	2	1,020
Cook	4	1,020	4	1,020	4	1,020
Laborer	4	1,020	4	1,020	4	1,020
Salary range, $780 to $1,020; average, $900—						
Laborer	3	940	3	940	3	940
Salary range, $600 to $780; average, $690—						
Assistant	8	660	8	660	8	660
Ungraded—						
Physician	3	1,020	3	1,020	1.3	930
Total average number of employees	56		56		54.6	
Total salaries and wages, field service		79,195.00		79,195.00		74,617.00
Deduct allowance value of quarters, fuel, and light furnished		7,380.00		7,380.00		7,158.00
Cash payment, salaries and wages		71,815.00		71,815.00		67,459.00
Miscellaneous and temporary labor $8 to $1 per day		2,500.00		2,500.00		2,942.35
01 Total personal services		74,315.00		74,315.00		70,401.35

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Support of Chippewa Indians in Minnesota (Tribal Funds)—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Supplies and materials:			
0200	Stationery and office supplies	$100.00	$100.00	
0210	Medical supplies	7,000.00	6,500.00	$4,277.85
0230	Fuel	8,000.00	8,000.00	6,314.78
0240	Wearing apparel and sewing supplies	3,000.00	3,000.00	1,278.26
0250	Forage and other supplies for animals	1,500.00	2,000.00	1,308.85
0260	Provisions	28,000.00	28,000.00	22,235.20
0280	Sundry supplies	5,000.00	5,000.00	1,415.12
02	Total supplies and materials	52,600.00	52,600.00	36,830.06
	Communication service:			
0500	Telegraph service	50.00	50.00	
0510	Telephone service	400.00	400.00	194.55
0520	Other communication service	50.00	50.00	11.50
05	Total communication service	500.00	500.00	206.05
06	Travel expense	2,000.00	2,000.00	1,630.86
07	Transportation of things	3,000.00	3,000.00	2,013.36
10	Furnishing of heat, light, power, water, and electricity	1,000.00	1,000.00	410.11
11	Rents			10.00
12	Repairs and alterations	7,000.00	6,500.00	4,720.50
13	Special and miscellaneous expenses	2,085.00	2,085.00	2,199.28
22	Grants, subsidies, and contributions	1,000.00	1,000.00	565.02
	Equipment:			
3000	Passenger-carrying vehicles	500.00		866.50
3010	Furniture, furnishings, and fixtures	2,000.00	3,000.00	1,732.11
3050	Other equipment	4,000.00	4,000.00	1,228.11
30	Total equipment	6,500.00	7,000.00	3,826.72
32	Structures and parts, and nonstructural improvements to land			3,395.54
				126,208.85
	Unobligated balance			27,291.15
	Total	150,000.00	150,000.00	153,500.00
	Transferred from trust funds of Indian tribes	150,000.00	150,000.00	153,500.00

Expenses, Per Capita Payments, Choctaw and Chickasaw Tribes (Tribal Funds)—For the expenses of per capita payments to the enrolled members of the Choctaw and Chickasaw Tribes of Indians, $5,000, to be paid from the funds held by the United States in trust for said Indians (*acts June 30, 1919, vol. 41, p. 22, sec. 18; Jan. 12, 1927, vol. 44, p. 954*).

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
01	Total personal services (irregular labor)	$5,000.00	$5,000.00	$2,500.35
	Unobligated balance			2,499.65
	Total	5,000.00	5,000.00	5,000.00
	Transferred from trust funds of Indian tribes	5,000.00	5,000.00	5,000.00

Expenses of Tribal Officers, Five Civilized Tribes, Oklahoma (Tribal Funds)—For the current fiscal year, money may be expended from the tribal funds of the Choctaw, Chickasaw, Creek, and Seminole Tribes for equalization of allotments, per capita, and other payments authorized by law to individual members of the respective tribes, salaries and contingent expenses of the governor of the Chickasaw Nation and chief of the Choctaw Nation and one mining trustee for the Choctaw and Chickasaw Nations at salaries at the rate heretofore paid for the said governor and said chief and $2,000 for the said mining trustee, and the chief of the Creek Nation at a salary not to exceed $600 per annum, and one attorney each for the Choctaw and Chickasaw Tribes employed under contract approved by the President under existing law: *Provided* [*further*], That the expenses of any of the above-named officials shall not exceed $2,500 per annum each for chiefs and governor except in the case of tribal attorneys whose expenses shall be determined and limited by the Commissioner of Indian Affairs, not to exceed $4,000 each (*acts July 1, 1902, vol. 32, p. 542, sec. 14; Jan. 12, 1927, vol. 44, p. 954*).

Support of Osage Agency and Pay of Tribal Officers, Oklahoma (Tribal Funds)—For the support of the Osage Agency, including repairs to buildings, and pay of tribal officers, the tribal attorney and his stenographer, and employees of said agency, [$165,000] *$169,000*, to be paid from the funds held by the United States in trust for the Osage Tribe of Indians in Oklahoma (*U. S. C., p. 690, sec. 13; act Jan. 12, 1927, vol. 44, p. 955*).

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Support of Osage Agency and Pay of Tribal Officers, Oklahoma (Tribal Funds)—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average*—		*Average*—		*Average*—	
Salary range, $5,200 to $6,000; average, $5,600—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Superintendent	0.5	$5,600	0.5	$5,600	0.5	$5,600
Salary range, $3,800 to $5,000; average, $4,400—						
Principal clerk	1	4,000	1	4,000	0.5	4,200
Salary range, $2,400 to $3,000; average, $2,700—						
Principal clerk	1	2,900	1	2,900	1	2,800
Salary range, $2,100 to $2,700; average, $2,400—						
Principal clerk	1	2,600	1	2,600	1	2,500
Architect foreman	1	2,400	1	2,400	0.2	2,400
Superintendent of construction	1	3,000	1	3,000	0.5	3,000
Salary range, $1,860 to $2,400; average, $2,100—						
Special officer	6	2,267	6	2,267	6	2,346
Appraiser	1	2,100	1	2,100	1	2,100
Principal clerk	1	2,700	1	2,700	1.8	2,555
Salary range, $1,680 to $2,040; average, $1,860—						
Senior clerk	3	2,100	3	2,100	3	2,000
Farmer	2	2,300	2	2,300	2	2,200
Construction foreman					1.3	1,860
Field clerk	1	1,860	1	1,860	0.4	1,860
General mechanic	1	2,000	1	2,000	1	1,920
Salary range, $1,500 to $1,860; average, $1,680—						
Clerk	3	1,860	3	1,860	3	1,820
Salary range, $1,320 to $1,680; average, $1,500—						
Assistant clerk	17	1,543	17	1,543	16	1,569
General mechanic	1	1,620	1	1,620	1	1,590
Salary range, $1,140 to $1,500; average, $1,320—						
Junior clerk	13	1,376	13	1,376	14	1,341
Farmer	2	1,380	2	1,380	2	1,450
Telephone operator	1	1,320	1	1,320	1	1,320
Financial clerk	1	1,320	1	1,320		
Assistant engineer	1	1,380	1	1,380		
Salary range, $900 to $1,140; average, $1,020—						
Laborer	2	1,080	2	1,080	1	1,020
Total average number of employees	61.5		61.5		58.2	
Total salaries and wages, field service		111,121.00		111,121.00		104,675.00
Deduct allowance value of quarters, fuel, and light furnished		10,040.00		10,040.00		9,676.00
Cash payment, salaries and wages		101,081.00		101,081.00		94,999.00
Miscellaneous and temporary labor, $8 to $1 per day		25,000.00		25,000.00		23,491.22
01 Total personal services		126,081.00		126,081.00		118,490.22
Supplies and materials:						
0200 Stationery and office supplies		800.00		800.00		816.92
0210 Medical supplies						15.00
0230 Fuel		2,500.00		2,500.00		1,619.23
0260 Provisions		500.00		500.00		75.50
0280 Sundry supplies		5,000.00		3,500.00		728.26
02 Total supplies and materials		8,800.00		7,300.00		3,254.91
Communication service:						
0500 Telegraph service		250.00		250.00		107.75
0510 Telephone service		800.00		800.00		686.93
0520 Other communication service		50.00		50.00		9.64
05 Total communication service		1,100.00		1,100.00		804.32
06 Travel expense		4,000.00		4,000.00		2,743.76
07 Transportation of things		100.00		100.00		59.91
08 Printing, engraving, lithographing, photographing, and typewriting		500.00		500.00		429.94
09 Advertising and publication of notices		50.00		50.00		13.72
10 Furnishing of heat, light, power, water, and electricity		2,500.00		2,500.00		1,935.26
Rents:						
1100 Rent of buildings and structures		4,000.00		4,000.00		1,465.00
1110 Other rents		100.00		100.00		71.00
11 Total rents		4,100.00		4,100.00		1,536.00
12 Repairs and alterations		14,000.00		12,000.00		7,134.47
13 Special and miscellaneous expenses		1,269.00		269.00		348.11
Equipment:						
3000 Passenger-carrying vehicles		3,000.00		4,000.00		5,392.87
3010 Furniture, furnishings, and fixtures		2,000.00		2,000.00		5,000.49
3020 Educational, scientific, and recreational supplies						105.00
3050 Other equipment		1,500.00		1,000.00		147.23
30 Total equipment		6,500.00		7,000.00		10,645.59
						147,396.21
Unobligated balance						1,703.79
Total		169,000.00		165,000.00		149,100.00
Transferred from trust funds of Indian tribes		169,000.00		165,000.00		149,100.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Osage Oil and Gas Operations, Osage Natian, Oklahoma (Tribals Funds)—

For necessary expenses in connection with oil and gas production on the Osage Reservation, including salaries of employees, rent of quarters for employees, traveling expenses, printing, telegraphing and telephoning, and purchase, repair, and operation of automobiles, [$72,000] *$75,000*, to be paid from the funds held by the United States in trust for the Osage Tribe of Indians in Oklahoma (*U. S. C., p. 690, sec. 13; act Jan. 12, 1927, vol. 44, p. 955*).

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
Salary range, $5,200 to $6,000; average, $5,600—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Superintendent	0.5	$5,600	0.5	$5,600	0.5	$5,600
Salary range, $3,800 to $5,000; average, $4,400—						
Oil and gas inspector	1	4,200	1	4,200	1	4,000
Salary range, $2,700 to $3,300; average, $3,000—						
Assistant oil and gas inspector	1	3,600	1	3,600	1	3,600
Gas inspector	1	3,100	1	3,100	1	3,100
Salary range, $2,100 to $2,700; average, $2,400—						
Principal clerk	1	2,900	1	2,900	1	2,900
Oil well plugger	1	2,900	1	2,900	1	2,800
Assistant oil well plugger	1	2,600	1	2,600	1	2,500
Salary range, $1,860 to $2,400; average, $2,100—						
Gas inspector	1	2,700	1	2,700	1	2,600
Principal clerk	1	2,400	1	2,400	1	2,400
Assistant gas inspector	1	2,100	1	2,100	1	2,100
Assistant oil and gas inspector					1	2,400
Oil gauger	5	2,100	5	2,100	5	2,100
Draftsman	1	2,500	1	2,500	1	2,400
Salary range, $1,680 to $2,040; average, $1,860—						
Draftsman	1	1,860	1	1,860	1	1,860
Salary range, $1,500 to $1,860; average, $1,680—						
Clerk	1	1,800	1	1,800	1	1,740
Salary range, $1,320 to $1,680; avergae, $1,500—						
Assistant clerk	3	1,580	3	1,580	3	1,580
Salary range, $1,140 to $1,500; average, $1,320—						
Junior clerk	2	1,560	2	1,560	2	1,560
Total average number of employees	22.5		22.5		23.5	
Total salaries and wages, field service		53,860.00		53,860.00		55,560.00
Deduct allowance value of quarters, fuel, and light furnished		3,900.00		3,900.00		4,200.00
Cash payment, salaries and wages		49,960.00		49,960.00		51,360.00
Miscellaneous and temporary labor $8 to $1 per day		1,500.00		1,500.00		396.16
01 Total personal services		51,460.00		51,460.00		51,756.16
Supplies and materials:						
0200 Stationery and office supplies		300.00		300.00		117.50
0230 Fuel		3,000.00		2,500.00		2,369.66
0280 Sundry supplies		500.00		500.00		108.21
02 Total supplies and materials		3,800.00		3,300.00		2,595.37
Communication service:						
0500 Telegraph service		100.00		100.00		14.64
0510 Telephone service		600.00		600.00		495.57
05 Total communication service		700.00		700.00		510.21
06 Travel expense		2,500.00		2,000.00		2,039.06
07 Transportation of things		50.00		50.00		24.35
08 Printing, engraving, lithographing, photographing, and typewriting		250.00		250.00		245.10
09 Advertising and publication of notices		1,500.00		1,500.00		1,394.85
10 Furnishing of heat, light, power, water, and electricity		1,000.00		1,000.00		847.49
Rents:						
1100 Rent of buildings and structures		2,000.00		2,000.00		810.00
1110 Other rents		100.00		100.00		68.20
11 Total rents		2,100.00		2,100.00		878.20
12 Repairs and alterations		4,500.00		4,000.00		2,562.51
13 Special and miscellaneous expenses		2,140.00		1,340.00		849.40
Equipment:						
3000 Passenger-carrying vehicles		3,500.00		3,000.00		3,413.97
3010 Furniture, furnishings, and fixtures		1,000.00		800.00		587.75
3050 Other equipment		500.00		500.00		192.30
30 Total equipment		5,000.00		4,300.00		4,194.02
						67,896.72
Unobligated balance						1,103.28
Total		75,000.00		72,000.00		69,000.00
Transferred from trust funds of Indian tribes		75,000.00		72,000.00		69,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Expenses of Osage Tribal Council, Oklahoma (Tribal Funds)—

For expenses incurred in connection with visits to Washington, District of Columbia, by the Osage Tribal Council and other members of said tribe, when duly authorized or approved by the Secretary of the Interior, $10,000, to be paid from the funds held by the United States in trust for the Osage Tribe (*U. S. C., p. 690, sec. 13; act Jan. 12, 1927, vol. 44, p. 955*).

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Travel expenses:			
0600	Commercial transportation	$7,000.00	$7,000.00	$1,018.16
0630	Per diem in lieu of subsistence	2,000.00	2,000.00	280.00
06	Total travel expense	9,000.00	9,000.00	1,298.16
13	Special and miscellaneous expenses	1,000.00	1,000.00	
	Unobligated balance			1,298.16 8,701.84
	Total	10,000.00	10,000.00	10,000.00
	Transferred from trust funds of Indian tribes	10,000.00	10,000.00	10,000.00

Confederated Bands of Utes, Utah (Tribal Funds)—

The sum of [$125,000] *$113,000* is hereby appropriated out of the principal funds to the credit of the Confederated Bands of Ute Indians, the sum of [$70,000] *$48,000* of said amount for the benefit of the Ute Mountain (formerly Navajo Springs) Band of said Indians in Colorado, and the sum of [$25,000] *$35,000* of said amount for the Uintah, White River, and Uncompahgre Bands of Ute Indians in Utah, and the sum of $30,000 of said amount for the Southern Ute Indians in Colorado, which sums shall be charged to said bands, and the Secretary of the Interior is also authorized to withdraw from the Treasury the accrued interest to and including June 30, [1927] *1928*, on the funds of the said Confederated Bands of Ute Indians appropriated under the act of March 4, 1913 (Thirty-seventh Statutes at Large, page 934), and to expend or distribute the same for the purpose of *administering the property of and* promoting [civilization and] self-support among the said Indians, under such regulations as the Secretary of the Interior may prescribe: *Provided*, That the Secretary of the Interior shall report to Congress, on the first Monday in December, [1928] *1929*, a detailed statement as to all moneys expended as provided for herein: *Provided further*, That none of the funds in this paragraph shall be expended on road construction unless, wherever practicable, preference shall be given to Indians in the employment of labor on all roads constructed from the sums herein appropriated from the funds of the Confederated Bands of Utes (*acts Mar. 4, 1913, vol. 37, p. 934, sec. 1; Jan. 12, 1927, vol. 44, p. 955*).

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Field service:						
	Salaries and wages—	*Average—*		*Average—*		*Average—*	
	Salary range, $2,100 to $2,700; average, $2,400—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Physician	1	$2,400	1	$2,400		
	Salary range, $1,860 to $2,400; average, $2,100—						
	Physician					1	$2,100
	Salary range, $1,500 to $1,860; average, $1,680—						
	Nurse	1	1,680	1	1,680	1	1,680
	Salary range, $1,320 to $1,680; average, $1,500—						
	Assistant clerk					0.2	1,500
	Forest guard	1	1,500	1	1,500	1	1,500
	Salary range, $1,140 to $1,500; average, $1,320—						
	Stockman	1	1,440	1	1,440	1	1,440
	Junior clerk	3	1,380	3	1,380	2.8	1,320
	Farmer	2	1,380	2	1,380	2	1,380
	General mechanic	1	1,380	1	1,380	1	1,380
	Salary range, $900 to $1,140; average, $1,020—						
	Blacksmith	1	1,140	1	1,140	1	1,160
	Laborer	5	1,092	5	1,092	5	1,092
	Total average number of employees	16		16		16	
	Total salaries and wages, field service		21,900.00		21,900.00		21,476.00
	Deduct allowance value of quarters, fuel, and light furnished		2,640.00		2,640.00		2,580.00
	Cash payment, salaries and wages		19,260.00		19,260.00		18,896.00
	Miscellaneous and temporary labor, $8 to $1 per day		15,000.00		15,000.00		14,851.20
01	Total personal services		34,260.00		34,260.00		33,747.20

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Confederated Bands of Utes, Utah (Tribal Funds)—Continued

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Supplies and materials:			
0200	Stationery and office supplies	$50.00	$50.00	$23.52
0210	Medical supplies	300.00	300.00	209.00
0220	Scientific and educational supplies	300.00	300.00	172.99
0230	Fuel	5,000.00	5,000.00	4,791.92
0240	Wearing apparel and sewing supplies	2,000.00	2,000.00	238.92
0250	Forage and other supplies for animals	1,000.00	1,500.00	944.79
0260	Provisions	3,500.00	3,000.00	2,265.41
0280	Sundry supplies	1,500.00	1,500.00	689.89
02	Total supplies and materials	13,650.00	13,650.00	9,336.44
	Communication service:			
0500	Telegraph service	50.00	50.00	29.47
0510	Telephone service	450.00	450.00	436.96
0520	Other communication service			8.92
05	Total communication service	500.00	500.00	475.35
06	Travel expense	1,000.00	1,000.00	386.75
07	Transportation of things	2,500.00	2,000.00	2,141.39
08	Printing, engraving, lithographing, photographing, and typewriting			120.90
10	Furnishing of heat, light, power, water, and electricity	2,000.00	2,000.00	1,463.55
11	Rents	100.00	100.00	99.24
12	Repairs and alterations	9,500.00	9,000.00	8,687.85
13	Special and miscellaneous expenses	390.00	490.00	90.92
22	Grants, subsidies, and contributions	100.00	100.00	90.40
	Equipment:			
3000	Passenger-carrying vehicles	800.00		1,286.68
3010	Furniture, furnishings, and fixtures	1,000.00	1,000.00	944.85
3020	Educational, scientific, and recreational supplies	200.00	500.00	132.59
3040	Livestock	500.00	400.00	450.00
3050	Other equipment	5,000.00	7,000.00	2,774.92
30	Total equipment	7,500.00	8,900.00	5,589.04
51	Per capita payments to Indians	41,500.00	53,000.00	39,800.00
				102,029.03
	Unobligated balance			36,970.97
	Total	113,000.00	125,000.00	139,000.00
	Transferred from trust funds of Indian tribes and interest on Indian trust funds	113,000.00	125,000.00	139,000.00

Roads and Bridges, Red Lake, Minn. (Tribal Funds)—

For the construction and repair of roads and bridges on the Red Lake Indian Reservation, including the purchase of material, equipment, and supplies, and the employment of labor, $9,000, to be paid from the funds held by the United States in trust for the Red Lake Band of Chippewa Indians in the State of Minnesota: *Provided*, That Indian labor shall be employed as far as practicable (*U. S. C., p. 690, sec. 13; act Jan. 12, 1927, vol. 44, p. 955*).

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
32	Structures and parts and nonstructural improvements to land	$9,000.00	$9,000.00	$8,910.30
	Unobligated balance			89.70
	Total	9,000.00	9,000.00	9,000.00
	Transferred from trust funds of Indian tribes	9,000.00	9,000.00	9,000.00

Maintenance and Repair, Gallup-Shiprock Highway, New Mexico—

For maintenance and repair of that portion of the Gallup-Shiprock Highway within the Navajo Reservation, New Mexico, $20,000, reimbursable as provided in the act of June 7, 1924 (Forty-third Statutes at Large, page 606) (act June 7, 1924, vol. 43, p. 606) (submitted) $20,000.00

32 Structures and parts, and nonstructural improvements to land: Expenditure—1929, $20,000.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Construction of Road Between Cooley and Whitcriver, Fort Apache Reservation, Ariz. (Tribal Funds)—

For one-half the cost of construction of a road between Cooley and Whiteriver, on the Fort Apache Indian Reservation, Arizona, as authorized by the act of April 12, 1924 (Forty-third Statutes at Large, page 93), $100,000, payable from funds of the Indians of said reservation on deposit to their credit in the Treasury (act Apr. 12, 1924, vol. 43, p. 93) (submitted).

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
32 Structures and parts, and nonstructural improvements to land	$100,000		
Total	100,000		
Transferred from Indian moneys, proceeds of labor	100,000		

Construction and Improvement, Tucson-Ajo Road, Papago Reservation, Ariz.—

For the improvement and construction of the uncompleted part of the road from Tucson to Ajo, by way of Indian Oasis, within the Papago Indian Reservation, Arizona, as authorized by the act of June 23, 1926, $125,000, to remain available until June 30, 1929 (act June 23, 1926, vol. 44, p. 762) (submitted) $125,000.00

3212 Roads: Expenditure—1929, $125,000.

Construction of Road, Leech Lake Reservation, Minn. (Tribal Funds)—

For the construction of a road on the Leech Lake Reservation, Minnesota, from the Chippewa Sanatorium at Onigum to connect with State Highway Numbered 34, as authorized by the act of July 3, 1926, $6,000, payable from funds on deposit to the credit of the Chippewa Indians of Minnesota (act July 3, 1926, vol. 44, p. 888) (submitted).

3212 Roads: Expenditure—1929, $6,000.

Erection of Monument, Osage Nation, Oklahoma (Tribal Funds)—

The unexpended balance of the appropriation of $25,000 from tribal funds of the Osage Indians, made in the act of March 3, 1925 (Forty-third Statutes at Large, page 1162), for the erection of a monument as a memorial to Indians of that tribe who gave their lives in the recent war with Germany, is hereby made available for the same purpose until June 30, 1929 (act Mar. 3, 1925, vol. 43, p. 1162) (submitted).

32 Structures and parts, and nonstructural improvements to land: Expenditure—1929, $25,000.

Erection of Monument to Majors Reno and Benteen—

For acquiring not to exceed one hundred and sixty acres of land on the site of the battle with the Sioux Indians in which the commands of Major Marcus A. Reno and Major Frederick W. Benteen were engaged, and the erection thereon of a suitable monument and tablet, as authorized by the act of April 14, 1926, $2,300: Provided, That the reservation and monument provided herein shall be maintained by the Quartermaster Corps, United States Army, in conjunction with the Custer Battle Field Monument (act Apr. 14, 1926, vol. 44, p. 251) (submitted) 2,300.00

3217 Monument: Expenditure—1929, $2,300

Erection of Monument to Quannah Parker—

For the purchase and erection of a monument to Quannah Parker, late chief of the Comanche Indians, as provided by the act of June 23, 1926, $1,500 (act June 23, 1926, vol. 44, p. 762), (submitted) 1,500.00

3217 Monument: Expenditure—1929, $1,500.

Fulfilling Treaties with Senecas of New York—

For fulfilling treaties with Senecas of New York: For permanent annuity in lieu of interest on stock (act of February 19, 1831) *(acts Feb. 19, 1831, vol. 4, p. 442, sec. 1; Jan. 12, 1927, vol. 44, p. 955)* 6,000.00 $6,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
51 Treaty obligations	$6,000.00	$6,000.00	$5,648.40
Unobligated balance			351.60
Total	6,000.00	6,000.00	6,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Fulfilling Treaties with Six Nations of New York— For fulfilling treaties with Six Nations of New York: For permanent annuity, in clothing and other useful articles (article 6, treaty of November 11, 1794) (*acts Nov. 11, 1794, vol. 7, p. 46; Jan. 12, 1927, vol. 44, p. 955*)	$4,500.00	$4,500.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
02	Supplies and materials	$2,800.00	$2,800.00	$2,213.70
51	Treaty obligations	1,700.00	1,700.00	1,695.75
				3,909.45
	Unobligated balance			590.55
	Total	4,500.00	4,500.00	4,500.00

Fulfilling Treaties with Choctaws, Oklahoma— For fulfilling treaties with Choctaws, Oklahoma: For permanent annuity (article 2, treaty of November 16, 1805, and article 13, treaty of June 22, 1855), $3,000; for permanent annuity for support of light horsemen (article 13, treaty of October 18, 1820, and article 13, treaty of June 22, 1855), $600; for permanent annuity for support of blacksmith (article 6, treaty of October 18, 1820, and article 9, treaty of January 20, 1825, and article 13, treaty of June 22, 1855), $600; for permanent annuity for education (article 2, treaty of January 20, 1825, and article 13, treaty of June 22, 1855), $6,000; for permanent annuity for iron and steel (article 9, treaty of January 20, 1825, and article 13, treaty of June 22, 1855), $320; in all, $10,520 (*acts Nov. 16, 1805, vol. 7, p. 98, sec. 2; Oct. 18, 1820, vol. 7, p. 210, sec. 13; Jan. 20, 1825, vol. 7, p. 234, sec. 9; June 22, 1855, vol. 11, p. 614, sec. 13; Jan. 12, 1927, vol. 44, p. 956*) | 10,520.00 | 10,520.00 |

51 Treaty obligations: Expenditures—1929, $10,520; 1928, $10,520; 1927, $10,520.

Fulfilling Treaties with St. Croix Chippewa Indians of Wisconsin— To carry out the provisions of the Chippewa treaty of September 30, 1854 (Tenth Statutes at Large, page 1109), $10,000, in part settlement of the amount, $141,000, found due and heretofore approved for the Saint Croix Chippewa Indians of Wisconsin, whose names appear on the final roll prepared by the Secretary of the Interior pursuant to act of August 1, 1914 (Thirty-eighth Statutes at Large, pages 582 to 605), and contained in House Document Numbered 1663, said sum of $10,000 to be expended in the purchase of land or for the benefit of said Indians by the Commissioner of Indian Affairs: *Provided*, That, in the discretion of the Commissioner of Indian Affairs, the per capita share of any of said Indians under this appropriation may be paid in cash (*acts Feb. 14, 1920, vol. 41, p. 433, sec. 23; Jan. 12, 1927, vol. 44, p. 956*) | 10,000.00 | 10,000.00 |

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
51	Treaty obligations	$10,000	$10,000	$9,000
	Unobligated balance			1,000
	Total	10,000	10,000	10,000

Per Capita Payment, Menominee Indians, Wisconsin (Tribal Funds)—
The Secretary of the Interior is hereby authorized, under such rules and regulations as he may prescribe, to make a $100 per capita payment to the Menominee Indians of Wisconsin from their funds on deposit in the Treasury of the United States, a sufficient amount of which is hereby appropriated for the purpose (acts June 12, 1890, vol. 26, p. 146; Mar. 28, 1908, vol. 35, p. 51) (submitted).

52 Per capita payments: Expenditure—1929, $191,000.

Total Indian Service annual appropriations	13,754,009.00	12,654,685.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Indefinite appropriations:		
Interest on Indian Trust Funds—		
Indefinite appropriations to pay interest on moneys belonging to various tribes of Indians, as provided by various treaty stipulations and acts of Congress	$720,000.00	$800,000.00

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Field service:						
	Salaries and wages—	*Average—*		*Average—*		*Average—*	
		No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Salary range, $3,000 to $3,600; average, $3,300—						
	Superintendent	1	$3,800	1	$3,800	1	$3,800
	Salary range, $2,700 to $3,300; average, $3,000—						
	Superintendent	0.8	3,000	0.8	3,000	0.8	3,000
	Salary range, $2,400 to $3,000; average, $2,700—						
	Superintendent	0.5	2,700	0.5	2,700	1	2,700
	Salary range, $2,100 to $2,700; average, $2,400—						
	Physician	2	2,400	2	2,400	0.3	2,400
	Salary range, $1,860 to $2,400; average, $2,100—						
	Day-school inspector	1	2,300	1	2,300	1	2,200
	Physician					0.7	2,100
	Salary range, $1,680 to $2,040; average, $1,860—						
	Principal	1	1,920	1	1,920	1	1,860
	Day-school inspector	1	1,860	1	1,860	1	1,860
	Salary range, $1,500 to $1,860; average, $1,680—						
	Principal	1	1,680	1	1,680	2	1,680
	Nurse	1	1,680	1	1,680	1	1,680
	Salary range, $1,320 to $1,680; average, $1,500—						
	Assistant clerk	1	1,500	1	1,500	1	1,500
	Teacher junior high	1	1,620	1	1,620	1	1,500
	Day-school inspector	1	1,500	1	1,500	1	1,500
	Engineer	3	1,500	3	1,500	3	1,500
	Salary range, $1,140 to $1,680; average, $1,500—						
	Teacher	14	1,391	14	1,391	13	1,380
	Farmer	2	1,410	2	1,410	2	1,380
	Industrial teacher	1	1,380	1	1,380	1	1,380
	Carpenter	1	1,320	1	1,320	1	1,320
	Salary range, $900 to $1,140; average, $1,020—						
	Disciplinarian	3	1,020	3	1,020	3	1,020
	Matron	2	1,050	2	1,050	3	1,060
	Laborer	6	1,030	6	1,030	6	1,030
	Cook	1	1,020	1	1,020	1	1,020
	Salary range, $780 to $1,020; average, $900—						
	Seamstress	2	1,020	2	1,020	2	1,020
	Laundress	2	900	2	900	2	900
	Salary range, $600 to $780; average, $690—						
	Assistant	4	660	4	660	4	660
	Salary range, $420 to $600; average, $510—						
	Housekeeper	8	510	8	540	8	540
	Ungraded—						
	Physician	1	720	1	720	1	720
	Total average number of employees	62.3		62.3		62.8	
	Total salaries and wages, field service		79,784.00		79,784.00		79,450.00
	Deduct allowance value of quarters, fuel, and light furnished		8,610.00		8,610.00		8,418.00
	Cash payment, salaries and wages		71,174.00		71,174.00		71,032.00
	Miscellaneous and temporary labor, $8 to $1 per day		15,000.00		15,000.00		18,331.88
01	Total personal services		86,174.00		86,174.00		89,363.88
	Supplies and materials:						
0210	Medical supplies		400.00		400.00		
0220	Scientific and educational supplies		1,000.00		1,000.00		1,562.11
0230	Fuel		10,000.00		10,000.00		10,269.05
0240	Wearing apparel and sewing supplies		10,000.00		10,000.00		8,210.79
0250	Forage and other supplies for animals		3,000.00		3,000.00		2,932.12
0260	Provisions		12,000.00		12,000.00		10,345.41
0280	Sundry supplies		3,000.00		3,000.00		2,290.49
02	Total supplies and materials		39,400.00		39,400.00		35,609.97
06	Travel expense		700.00		700.00		532.57
07	Transportation of things		3,000.00		3,500.00		3,498.06
10	Furnishing of heat, light, power, water, and electricity		800.00		1,000.00		634.65
12	Repairs and alterations		10,000.00		12,000.00		11,697.82
13	Special and miscellaneous expenses		1,026.00		826.00		170.13
22	Grants, subsidies, and contributions (tuition)		65,000.00		65,000.00		65,249.00
	Equipment:						
3010	Furniture, furnishings, and fixtures		3,000.00		3,000.00		2,770.77
3020	Educational, scientific, and recreational supplies		500.00		500.00		120.60
3040	Livestock		1,000.00		1,000.00		1,190.00
3050	Other equipment		10,500.00		10,000.00		1,598.13
30	Total equipment		15,000.00		14,500.00		5,679.50
32	Structures and parts and nonstructural improvements to land		10,000.00		10,000.00		11,182.28
51	Per capita payments		401,000.00		470,000.00		951,547.94
	Transferred to specific items		87,900.00		96,900.00		97,526.81
	Total		720,000.00		800,000.00		1,272,692.61

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), data of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Miscellaneous Indefinite Appropriation—		
Civilization of the Sioux (*act Mar. 2, 1889, vol. 25, p. 895*)	$140,000.00	$175,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
51 Payment of amounts fixed in treaties with Indians	$140,000.00	$173,000.00	$103,846.95
Unobligated balance			81,153.05
Reserve		2,000.00	
Total	140,000.00	175,000.00	185,000.00

Miscellaneous Trust Funds of Indian Tribes—	
Indefinite appropriations to pay principal of moneys belonging to various tribes of Indians as provided by treaty stipulations and acts of Congress	19,000,000.00 / 17,000,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:	*Average*—		*Average*—		*Average*—	
Salaries and wages—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $3,800 to $5,000; average, $4,400—						
Manager	1	$4,200	1	$4,200	1	$4,200
Salary range, $2,700 to $3,300; average, $3,000—						
Superintendent of logging	1	3,000	1	3,000	1	3,000
Superintendent	2	3,000	2	3,000	2	3,000
Salary range, $2,400 to $3,000; average, $2,700—						
Mill superintendent	1	2,700	1	2,700	1	2,700
Sales manager	1	2,700	1	2,700	1	2,700
Salary range, $2,100 to $2,700; average, $2,400—						
Superintendent	1	2,500	1	2,500	1	2,400
Physician	2	2,550	2	2,550	1.4	2,400
Deputy supervisor of forests	1	2,400	1	2,400		
Salary range, $1,860 to $2,400; average, $2,100—						
Superintendent	4	2,100	4	2,100	5	2,100
Physician	1	2,100	1	2,100	1.6	2,100
Principal clerk	1	2,100	1	2,100	1	2,100
Yard foreman	1	2,100	1	2,100	1	2,100
Forest assistant					1	2,100
Salary range, $1,680 to $2,040; average, $1,860—						
Day-school inspector	1	1,860	1	1,860	1	1,860
Cost keeper	1	1,860	1	1,860	1	1,860
Planing mill foreman	1	1,860	1	1,860	1	1,860
Salary range, $1,500 to $1,860; avorage, $1,680—						
Principal	1	1,680	1	1,680	3	1,640
Nurse	5	1,706	5	1,706	5	1,680
Assistant sales manager					0.3	1,680
Salary range, $1,320 to $1,680; average, $1,500—						
Principal teacher	4	1,635	4	1,635	4	1,635
Day-school inspector	0.5	1,680	0.5	1,680	0.5	1,680
Assistant clerk	7	1,509	7	1,509	8	1,508
Engineer	5	1,512	5	1,512	6	1,500
Financial clerk	1	1,500	1	1,500	1	1,500
Salary range, $1,140 to $1,500; average, $1,320—						
Teacher	16	1,388	16	1,388	18	1,380
Teacher home economics	3.8	1,395	3.8	1,395	3.5	1,380
Music teacher	2	1,380	2	1,380	3	1,380
Farmer	2	1,380	2	1,380	2	1,380
Carpenter	1	1,320	1	1,320	1	1,320
Dairyman	1	1,380	1	1,380	2	1,380
Manual-training teacher	1	1,380	1	1,380	1	1,380
Junior clerk	2	1,320	2	1,320	2	1,320
Forest guard	1	1,320	1	1,320	1	1,320
Salary range, $1,020 to $1,260; average, $1,140—						
Matron	4	1,140	4	1,140		
Salary range, $900 to $1,140; average, $1,020—						
Matron	4	1,050	4	1,050	9	1,040
Cook	5	1,020	5	1,020	6	1,020
Laborer	5	1,044	5	1,044	5	1,040
Assistant disciplinarian	1	1,020	1	1,020	1	1,020
Laborers	3	1,020	3	1,020	3	1,020
Salary range, $780 to $1,020; average, $900—						
Seamstress	4	1,020	4	1,020	4	1,020
Laundress	5	900	5	900	5	900
Assistant matron	2	930	2	930	3	900
Salary range, $780 to $1,020; average, $900—						
Assistant	2	660	2	660	2	660
Ungraded—						
Physician	3	480	3	480	3	480
Total average number of employees	111.5		111.5		123.3	
Total salaries and wages, field service		160,912.00		160,912.00		177,498.00
Deduct allowance value of quarters, fuel, and light		19,534.00		19,534.00		21,474.00
Cash payment, salaries and wages		141,378.00		141,378.00		156,024.00
Miscellaneous and temporary labor, $8 to $1 per day		130,000.00		100,000.00		303,982.42
01 Total personal services		271,378.00		241,378.00		460,006.42

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Miscellaneous Trust Funds of Indian Tribes—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Supplies and materials:			
0200	Stationery and office supplies	$1,000.00	$1,000.00	$811.62
0210	Medical supplies	1,000.00	1,000.00	1,026.29
0220	Scientific and educational supplies	2,500.00	2,500.00	2,623.45
0230	Fuel	25,000.00	25,000.00	23,160.32
0240	Wearing apparel and sewing supplies	8,000.00	8,000.00	7,536.01
0250	Forage and other supplies for animals	20,000.00	20,000.00	19,887.64
0260	Provisions	75,000.00	70,000.00	67,557.64
0280	Sundry supplies	10,000.00	8,000.00	14,950.08
02	Total supplies and materials	142,500.00	135,500.00	137,553.05
	Communication service:			
0500	Telegraph service	50.00	50.00	16.83
0510	Telephone service	500.00	500.00	480.30
0520	Other communication service	50.00	50.00	23.29
05	Total communication service	600.00	600.00	520.42
	Travel expenses:			
0600	Commercial transportation	4,000.00	4,000.00	5,550.13
0630	Per diem in lieu of subsistence	1,000.00	1,000.00	
06	Total travel expenses	5,000.00	5,000.00	5,550.13
07	Transportation of things	15,000.00	15,000.00	14,031.71
08	Printing, engraving, lithographing, photographing, and typewriting	300.00	300.00	326.30
10	Furnishing of heat, light, power, water, and electricity	5,000.00	5,000.00	4,393.48
11	Rents	1,200.00	1,200.00	1,191.46
12	Repairs and alterations	50,000.00	50,000.00	48,801.16
13	Special and miscellaneous expenses	288,522.00	315,522.00	356,118.64
22	Grants, subsidies, and contributions (tuition)	55,000.00	55,000.00	55,084.17
	Equipment:			
3000	Passenger-carrying vehicles	2,000.00	2,000.00	1,409.50
3010	Furniture, furnishings, and fixtures	5,000.00	5,000.00	8,144.97
3020	Educational, scientific, and recreational supplies	500.00	500.00	191.77
3040	Livestock	5,000.00	5,000.00	2,743.60
3050	Other equipment	25,000.00	25,000.00	50,208.90
30	Total equipment	37,500.00	37,500.00	62,698.74
32	Structures and parts and nonstructural improvements to land	25,000.00	25,000.00	33,974.60
51	Per capita payments	16,900,000.00	14,900,000.00	17,934,263.33
	Transferred to specific items	1,203,000.00	1,213,000.00	943,601.03
	Total	19,000,000.00	17,000,000.00	20,058,114.64

Indian Moneys, Proceeds of Labor—

The proceeds of all pasturage and sales of timber, coal, or other products of any Indian reservation, except those of the Five Civilized Tribes, and not the result of the labor of any member of such tribe, shall be covered into the Treasury for the benefit of such tribe under such regulations as the Secretary of the Interior shall prescribe.

The Secretary of the Interior is hereby authorized to use the money which has been or may hereafter be covered into the Treasury under the provisions of the act approved March 3, 1883, * * * for the benefit of the several tribes on whose account said money was covered in, in such way and for such purposes as in his discretion he may think best (*acts Mar. 3, 1883, vol. 22, p. 590, sec. 2; Mar. 2, 1887, vol. 24, p. 463*) ..... $2,000,000.00 | $1,500,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $3,000 to $3,600; average, $3,300—						
Superintendent	0.5	$3,600	0.5	$3,600	1	$3,600
Salary range, $2,100 to $2,700; average, $2,400—						
Superintendent					0.5	2,400
Salary range, $1,860 to $2,400; average, $2,100—						
Day school inspector	1	2,100	1	2,100	1	2,100
Assistant oil and gas inspector	1	2,100	1	2,100	0.3	2,100
Gauger	1	2,100	1	2,100	0.3	2,100
Salary range, $1,680 to $2,040; average, $1,860—						
Principal	1	1,860	1	1,860	1	1,860
Assistant oil and gas inspector					0.7	1,860
Gauger					0.7	1,860
Field clerk	1	1,860	1	1,860	0.3	1,860
Senior clerk	1	1,860	1	1,860	1	1,860

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Indian Moneys, Proceeds of Labor—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service—Continued.						
Salaries and wages—Continued.	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $1,500 to $1,860; average, $1,680—						
Clerk	3	$1,680	3	$1,680	4.4	$1,680
Salary range, $1,320 to $1,680; average, $1,500—						
Assistant clerk	13	1,535	13	1,535	10.9	1,530
Appraiser	1	1,500	1	1,500	1	1,500
Principal teacher	1	1,560	1	1,560	1	1,560
Engineer	1	1,560	1	1,560	1	1,500
Salary range, $1,140 to $1,500; average, $1,320—						
Junior clerk	3	1,380	3	1,380	3	1,380
Teacher	6	1,390	6	1,390	6	1,380
Farmer	1	1,440	1	1,440	1	1,410
General mechanic	1	1,380	1	1,380	1	1,380
Multigraph operator	1	1,320	1	1,320	1	1,320
Salary range, $1,020 to $1,260; average, $1,140—						
Photostat operator	1	1,320	1	1,320	1	1,320
Underclerk	1	1,140	1	1,140	1	1,140
Salary range, $900 to $1,140; average, $1,020—						
Disciplinarian	1	1,080	1	1,080	1	1,080
Matron	2	1,050	2	1,050	2	1,050
Cook	1	1,020	1	1,020	1	1,020
Laborer	5	1,020	5	1,020	5	1,020
Salary range, $780 to $1,020; average, $900—						
Seamstress	1	1,020	1	1,020	1	1,020
Laundress	1	960	1	960	1	960
Salary range, $600 to $780; average, $690—						
Assistant	2	660	2	660	2	660
Salary range, $420 to $600; average, $510—						
Housekeeper	2	540	2	540	2	540
Total average number of employees	54.5		54.5		54.1	
Total salaries and wages, field service		76,055.00		76,055.00		76,284.00
Deduct allowance value of quarters, fuel, and light furnished		9,910.00		9,910.00		8,876.00
Cash payment, salaries and wages		66,145.00		66,145.00		67,408.00
Miscellaneous and temporary labor, $8 to $1 per day		150,000.00		130,000.00		171,712.07
01 Total personal services		216,145.00		196,145.00		239,120.07
Supplies and materials:						
0200 Stationery and office supplies		400.00		500.00		259.09
0210 Medical supplies		800.00		500.00		327.58
0220 Scientific and educational supplies		1,500.00		2,500.00		1,079.66
0230 Fuel		10,000.00		8,000.00		7,823.02
0240 Wearing apparel and sewing supplies		10,000.00		10,000.00		8,976.93
0250 Forage and other supplies for animals		10,000.00		10,000.00		6,217.95
0260 Provisions		45,000.00		40,000.00		29,908.56
0280 Sundry supplies		10,000.00		10,000.00		7,837.33
02 Total supplies and materials		87,700.00		81,500.00		62,430.12
Communication service:						
0500 Telegraph service		100.00		100.00		76.14
0510 Telephone service		2,000.00		2,000.00		1,203.50
0520 Other communication service		100.00		100.00		52.66
05 Total communication service		2,200.00		2,200.00		1,332.30
Travel expenses:						
0600 Commercial transportation		5,000.00		5,000.00		3,990.52
0630 Per diem in lieu of subsistence		1,000.00		1,000.00		
06 Total travel expenses		6,000.00		6,000.00		3,990.52
07 Transportation of things		8,000.00		8,000.00		5,720.25
08 Printing, engraving, lithographing, photographing, and typewriting		1,500.00		1,000.00		1,827.17
09 Advertising and publication of notices		1,000.00		1,000.00		916.42
10 Furnishing of heat, light, power, water, and electricity		8,000.00		8,000.00		732.49
Rents:						
1100 Rent of buildings and structures		1,000.00		1,000.00		770.00
1110 Other rents		6,000.00		6,000.00		5,007.56
11 Total rents		7,000.00		7,000.00		6,777.56
12 Repairs and alterations		50,000.00		50,000.00		44,607.86
13 Special and miscellaneous expenses		3,955.00		5,755.00		17,305.40
Grants, subsidies, and contributions:						
2240 Tuition		65,000.00		66,000.00		11,625.00
2250 Burial expenses		500.00		500.00		121.32
22 Total grants, subsidies, and contributions		65,500.00		65,500.00		11,746.32

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Indian Moneys, Proceeds of Labor—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Equipment:			
3000	Passenger-carrying vehicles	$8,000.00	$5,000.00	$10,151.14
3010	Furniture, furnishings, and fixtures	10,000.00	10,000.00	12,279.33
3020	Educational, scientific, and recreational supplies	1,000.00	1,000.00	881.92
3040	Livestock	10,000.00	10,000.00	3,172.00
3050	Other equipment	20,000.00	20,000.00	18,403.36
30	Total equipment	49,000.00	46,000.00	44,887.75
32	Structures and parts, and nonstructural improvements to land	20,000.00	20,000.00	29,293.49
51	Per capita payments to Indians	380,000.00	85,000.00	1,068,431.78
	Transferred to specific items	1,094,000.00	916,900.00	904,288.39
	Total	2,000,000.00	1,500,000.00	2,443,407.89

Total permanent and indefinite appropriations, including trust funds	$21,860,000.00	$19,475,000.00
Total under Indian Office	35,614,009.00	32,129,685.00

BUREAU OF PENSIONS

Army and Navy Pensions—

Army and Navy pensions, as follows: For invalids, widows, minor children, and dependent relatives, Army nurses, and all other pensioners who are now borne on the rolls, or who may hereafter be placed thereon, under the provisions of any and all acts of Congress, [$221,000,000] *$210,000,000*: *Provided*, That the appropriation aforesaid for Navy pensions shall be paid from the income of the Navy pension fund, so far as the same shall be sufficient for that purpose: *Provided further*, That the amount expended under each of the above items shall be accounted for separately (*act Jan. 12, 1927, vol. 44, p. 956*) — 210,000,000.00 | 221,000,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
2101	Army pensions	$200,750,000.00	$212,200,000.00	$220,399,999.08
2102	Navy and Marine Corps pensions	9,250,000.00	8,800,000.00	9,599,999.15
	Total	210,000,000.00	221,000,000.00	[1] 229,999,998.23

[1] Includes $191,999,999.73 of the $192,000,000 appropriated for 1927, plus $37,999,998.50 advanced from the 1928 appropriation.

Salaries, Pension Office—

For the Commissioner of Pensions and other personal services in the District of Columbia in accordance with the classification act of 1923 (*U. S. C., p. 1191, sec. 1; act Jan. 12, 1927, vol. 44, p. 956*) — 1,150,000.00 | 1,160,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Clerical, administrative, and fiscal service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 13, $6,000 to $7,500; average, $6,750— Executive officer (commissioner)	1	$6,500	1	$6,500	1	$6,500
Grade 12, $5,200 to $6,000; average, $5,600— Senior administrative officer (deputy commissioner)	1	5,400	1	5,400	1	5,200
Grade 11, $3,800 to $5,000; average, $4,400— Administrative officer (disbursing clerk)	1	3,800	1	3,800	0.5	3,800
Grade 10, $3,300 to $3,900; average, $3,600— Junior administrative officer (chief clerk, chief board of review, disbursing clerk)	2	3,400	2	3,400	2.5	3,340
Grade 9, $3,000 to $3,600; average, $3,300— Senior administrative assistant (assistant chief clerk and coordinator, assistant chief board of review, chiefs of division, deputy disbursing clerk)	7	3,100	7	3,100	7	3,050

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries, Pension Office—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service—Continued.						
Salaries—Continued.						
Clerical, administrative, and fiscal service—Con.						
Grade 8, $2,700 to $3,300; average, $3,000—	*Average—*		*Average—*		*Average—*	
Administrative assistant (assistant chief of division, chief of section board of review)	*No.* 4	*Salary* $2,800	*No.* 4	*Salary* $2,800	*No.* 4	*Salary* $2,750
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant (chief of section, reviewer)	40	2,465	40	2,465	37.5	2,434
Assistant investigator (inspector)	12	2,483	12	2,483	12	2,442
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	30	2,197	30.5	2,187	39	2,183
Principal investigating assistant (inspector)	27	2,104	27	2,104	26	2,100
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	63	1,957	67	1,971	67.8	1,975
Senior clerk-stenographer	2	2,200	2	2,200	2	2,200
Senior investigating assistant (inspector)	11	1,876	11	1,876	12.1	1,865
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	83	1,759	83	1,759	91.3	1,760
Clerk-stenographer	9	1,860	9	1,860	8.8	1,873
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	153	1,638	155	1,637	172.1	1,644
Senior stenographer	16	1,624	16	1,624	17	1,632
Assistant clerk-stenographer	5	1,632	5	1,632	5.1	1,633
Senior operator, office devices					0.2	1,500
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	85	1,504	85	1,504	100.3	1,508
Senior typist	3	1,520	3	1,520	3.4	1,495
Junior stenographer	1	1,500	1	1,500	1.5	1,472
Junior clerk-typist	4	1,500	4	1,500	4.8	1,447
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	15	1,264	15	1,264	17.6	1,280
Junior typist					0.3	1,140
Underoperator, office devices					15.1	1,406
Professional and scientific service—						
Grade 5, $5,200 to $6,000; average, $5,600—						
Senior medical officer	1	5,200	0.5	5,200	0.7	5,200
Grade 4, $3,800 to $5,000; average, $4,400—						
Medical officer	1	3,800	1	3,800	1	3,800
Attorney	1	4,000	1	4,000	1	3,900
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate medical officer	13	3,062	12	3,067	13.5	3,025
Associate attorney	3	3,067	3	3,067	2.9	3,040
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant attorney	2	2,450	2	2,450	2	2,375
Subprofessional service—						
Grade 6, $1,860 to $2,400; average, $2,111.42—						
Senior library assistant	1	2,200	1	2,200	1	2,150
Grade 4, $1,500 to $1,860; average, $1,680—						
Nurse (emergency assistant)					0.3	1,500
Custodial service—						
Grade 6, $1,500 to $1,860; average, $1,680—						
Mechanic					1.3	1,860
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger	16	1,110	16	1,110	17.2	1,101
Grade 2, $900 to $1,140; average, $1,020—						
Junior laborer	2	960	2	960	2	960
Total average number of employees	615		620		692.8	
01 Total salaries, departmental service		1,150,000		1,157,000		1,272,917
The difference between 1929 and 1928 is due to decrease in force, $10,000.						
Unobligated balance						62,083
Reserve				3,000		
Total		1,150,000		1,160,000		1,335,000

Investigation of Pension Cases, Pension Office—

For traveling *and other necessary* expenses of persons employed in the Bureau of Pensions, detailed for the purpose of making special investigations pertaining to said bureau (*U. S. C., p. 1196, sec. 121; act Jan. 12, 1927, vol. 44, p. 956*) $110,000.00 $130,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
01 Personal services (fees)	$200.00		$178.16
Supplies and materials:			
0200 Stationery and office supplies	25.00		18.36
0220 Scientific and educational supplies (books of reference)	400.00		384.05
02 Total supplies and materials	425.00		402.41
Communication service:			
0500 Telegraph service	20.00		14.30
0510 Telephone service	175.00		157.29
0520 Other communication service	5.00		2.71
05 Total communication service	200.00		174.30

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Investigation of Pension Cases, Pension Office—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Travel expenses:			
0600	Commercial transportation, not specified (combined rail, water, and aerial vehicles fares; not local)	$19,200.00	$$20,000.00	$15,967.70
0604	Long-distance stage, carriage, or motor vehicle fare and hire	12,200.00	12,500.00	9,781.02
0610	Local transportation (street car, taxi, hack, etc.)	2,800.00	3,000.00	2,393.10
0630	Per diem in lieu of subsistence and support while in travel status	72,000.00	79,000.00	62,614.00
0640	Furnishing of food and lodging while in travel status	75.00	100.00	49.15
0650	Sleeping-car, chair-car, and stateroom fares	1,200.00	1,500.00	1,183.81
0660	Subsistence and care of animals and care of vehicles while in travel status	150.00	200.00	134.80
0690	Special and miscellaneous expenses incident to travel, not specified	300.00	2,500.00	273.19
0696	Gasoline and oil (in personally owned motor vehicle, incident to travel)	1,100.00	1,200.00	838.51
06	Total travel expenses	109,025.00	120,000.00	93,235.28
07	Transportation of things (service)	30.00		16.10
	Printing and binding, etc.:			
0820	Stenographic work (job)	10.00		
0830	Photographing (job work)	10.00		3.00
08	Total printing and binding, etc	20.00		3.00
12	Repairs and alterations	100.00		81.00
13	Special and miscellaneous current expenses			397.25
30	Equipment			512.50
			120,000.00	
	Reserve		10,000.00	
	Total	110,000.00	130,000.00	95,000.00

Fees of Examining Surgeons, Pensions—
For fees and mileage of examining surgeons engaged in the examination of pensioners, for services rendered within the fiscal years [1927 and] 1928 *and 1929 (U. S. C., p. 1194, secs. 71, 72; act Jan. 12, 1927, vol. 44, p. 956)* ..... $450,000.00 | $450,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
01	Personal services (fees)	$445,000	$445,000	$528,000
06	Travel expenses	5,000	5,000	27,000
	Total	450,000	450,000	[1] 555,000

[1] Includes $155,000 of the appropriation for 1927–1928.

Salaries and Expenses, Employees' Retirement Act, Bureau of Pensions—
To enable the Bureau of Pensions to perform the duties imposed upon it by the act entitled "An act for the retirement of employees in the classified civil service, and for other purposes," approved May 22, 1920, as amended, including personal services, purchase of books, office equipment, stationery, and other supplies, traveling expenses, expenses of medical and other examinations, and including not to exceed $2,200 for compensation of one actuary, to be fixed by the Commissioner of Pensions with the approval of the Secretary of the Interior, and actual necessary travel and other expenses of three members of the Board of Actuaries (*U. S. C., p. 1887, secs. 706a, 707a; act Jan. 12, 1927, vol. 44, p. 956*) ..... 78,000.00 | 76,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Clerical, administrative, and fiscal service—						
Grade 10, $3,300 to $3,900; average, $3,600—	*Average*—		*Average*—		*Average*—	
Junior administrative officer (chief retirement division)	*No.* 1	*Salary* $3,400	*No.* 1	*Salary* $3,400	*No.* 1	*Salary* $3,350
Grade 8, $2,700 to $3,300; average, $3,000—						
Administrative assistant (assistant chief of division)	1	2,800	1	2,800	1	2,750
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant (chief of section)	2	2,500	2	2,500	2	2,450
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	5	2,220	5	2,220	4.4	2,205
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	3	1,947	3	1,947	3.4	1,944

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Employees' Retirement Act, Bureau of Pensions—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service—Continued.						
Salaries—Continued.						
Clerical, administrative, and fiscal service—Contd.	*Average—*		*Average—*		*Average—*	
Grade 4, $1,680 to $2,040; average, $1,860—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Clerk	5	$1,860	5	$1,860	3.1	$1,866
Clerk-stenographer	1	1,980	1	1,980	1	1,980
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	5	1,668	5	1,668	4.7	1,715
Senior stenographer	2	1,620	2	1,620	1.9	1,669
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	2	1,470	2	1,470	3.5	1,434
Junior stenographer	1	1,320	1	1,320	0.8	1,320
Junior clerk-typist	1	1,500	1	1,500	2.3	1,370
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk					0.2	1,140
Professional and scientific service—						
Grade 4, $3,800 to $5,000; average, $4,400—						
Medical officer	1	3,800	1	3,800	0.9	3,800
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate medical officer	1	3,000	1	3,000	1.1	3,000
Associate attorney	1	3,100	1	3,100	1	3,050
Custodial service—						
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger	1	1,200	1	1,200	0.9	1,200
Total average number of employees	33		33		33.2	
Total salaries, departmental service		67,860.00		67,860.00		66,590.97
0130 Fees (medical examinations)		4,200.00		3,500.00		4,960.00
0150 Fees (actuaries)		2,200.00		2,100.00		2,100.00
01 Total personal services		74,260.00		73,460.00		73,650.97
Supplies and materials:						
0201 Stationery		420.00		300.00		336.97
0202 Sundry office supplies		100.00		100.00		86.52
02 Total supplies and materials		520.00		400.00		423.49
05 Communication service (telegraph, telephone, etc.)		10.00		5.00		8.15
Travel expenses:						
0600 Commercial transportation, not specified (combined rail, water, and aerial vehicle fares; not local)		500.00		200.00		303.20
0610 Local transportation (street car, taxi, hack, etc.)		100.00		40.00		79.19
0620 Mileage allowances		700.00		325.00		556.34
0630 Per diem in lieu of subsistence and support while in travel status		1,200.00		430.00		764.00
0640 Furnishing of food and lodging while in travel status		50.00		20.00		45.20
0650 Sleeping car, chair car		10.00		5.00		6.00
0690 Special and miscellaneous expenses incident travel, not specified		50.00		15.00		29.51
06 Total travel expenses		2,610.00		1,035.00		1,793.44
30 Equipment		600.00		100.00		100.64
				75,000.00		75,976.69
Unobligated balance						23.31
Reserve				1,000.00		
Total		78,000.00		76,000.00		76,000.00

Trust fund:

Civil Service Retirement and Disability Fund—

SEC. 10. Beginning as of July 1, 1926, there shall be deducted and withheld from the basic salary, pay, or compensation of each employee to whom this act applies a sum equal to 3½ per centum of such employee's basic salary, pay, or compensation. The amounts so deducted and withheld from the basic salary, pay, or compensation of each employee shall, in accordance with such procedure as may be prescribed by the Comptroller General of the United States, be deposited in the Treasury of the United States to the credit of the "civil-service retirement and disability fund" created by the act of May 22, 1920, and said fund is hereby appropriated for the payment of annuities, refunds, and allowances as provided in this act * * *. (*U. S. C., p. 1886, sec. 700a.*)

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
2120 Annuities, civil service retirement and disability fund	$12,060,000.00	$10,797,000.00	$9,598,285.73
5325 Refunds, civil service retirement and disability fund	5,280,000.00	5,250,000.00	3,862,422.09
Total	17,340,000.00	16,047,000.00	13,460,707.82

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Civil Service Retirement and Disability Fund—		
For beginning the financing of the liability of the United States, created by the act entitled "An act for the retirement of employees in the classified civil service, and for other purposes," approved May 22, 1920, and acts amendatory thereof, $19,950,000, which amount shall be placed to the credit of the "civil service retirement and disability fund" (U. S. C., p. 1887, sec. 707a)	$19, 950, 000. 00	
50 Investment of trust funds: Expenditures—1929, $19,950,000.		
Total under Bureau of Pensions	231, 738, 000. 00	$222, 816, 000. 00
BUREAU OF RECLAMATION		
Reclamation Fund, Special Fund—		
The following sums are appropriated out of the special fund in the Treasury of the United States created by the act of June 17, 1902, and therein designated "the reclamation fund," to be available immediately:		
For all expenditures authorized by the act of June 17, 1902 (Thirty-second Statutes, page 388), and acts amendatory thereof or supplementary thereto, known as the reclamation law, and all other acts under which expenditures from said fund are authorized, including not to exceed [$160,000] *$170,000* for personal services and [$25,000] *$30,000* for other expenses in the office of the chief engineer; $25,000 for telegraph, telephone, and other communication service; $8,000 for photographing and making photographic prints; $50,000 for personal services and [$10,000] *$13,000* for other expenses in the field legal offices; examination of estimates for appropriations in the field; refunds of overcollections and deposits for other purposes; not to exceed [$20,000] *$25,000* for lithographing, engraving, printing, and binding; purchase of ice; purchase of rubber boots for official use by employees; maintenance and operation of horse-drawn and motor-propelled passenger-carrying vehicles; not to exceed [$50,000] *$40,000* for purchase of horse-drawn and motor-propelled passenger-carrying vehicles; packing, crating, and transportation (including drayage) of personal effects of employees upon permanent change of station, under regulations to be prescribed by the Secretary of the Interior; payment of damages caused to the owners of lands or other private property of any kind by reason of the operations of the United States, its officers or employees, in the survey, construction, operation, or maintenance of irrigation works, and which may be compromised by agreement between the claimant and the Secretary of the Interior, or such officers as he may designate; payment for official telephone service in the field hereafter incurred in case of official telephones installed in private houses when authorized under regulations established by the Secretary of the Interior: *Provided*, That no part of said appropriations may be used for maintenance of headquarters for the Bureau of Reclamation outside the District of Columbia except for [the] *an* office [of] *for* the chief engineer *and staff and for certain field officers of the division of reclamation economics*: *Provided further*, That the Secretary of the Interior in his administration of the Bureau of Reclamation is authorized to contract for medical attention and service for employees and to make necessary pay roll deductions agreed to by the employees therefor: *Provided further*, That any moneys which may have been heretofore or may be hereafter advanced for operation and maintenance of any project or any division of a project shall be covered into the reclamation fund and shall be available for expenditure for the purposes for which advanced in like manner as if said funds had been specifically appropriated for said purposes: *Provided further*, That no part of any sum provided for in this act for operation and maintenance of any project or division of a project by the Bureau of Reclamation shall be used for the irrigation of any lands within the boundaries of an irrigation district which has contracted with the Bureau of Reclamation and which is in arrears for more than twelve months in the payment of any charges due the United States, and no part of any sum provided for in this act for such purpose shall be used for the irrigation of any lands which have contracted with the Bureau of Reclamation and which are in arrears for more than twelve months in the payment of any charges due from said lands to the United States (*U. S. C., p. 446, sec. 810; p. 720, secs. 409; p. 963, sec. 141; p. 964, sec. 149; p. 966, sec. 191; p. 1356, secs. 371–374; p. 1357, secs. 375–384; p. 1358, secs. 391–397; p. 1359, secs. 398–400, 411–417; p. 1360, secs. 418–422, 431–435; p. 1361, secs. 436–445; p. 1362, secs. 446–449, 461–465; p. 1363, secs. 466–475; p. 1364, secs. 476–481, 491–494; p. 1365, secs. 495–501, 511, 512; p. 1366, secs. 513, 521–526; p. 1367, secs. 541–547, 561; p. 1368, secs. 562–570, 581; p. 1369, secs. 582–586, 591, 594; p. 1370, secs. 595, 599, 601, 602; p. 1371, secs. 603–609, 621; p. 1372, secs. 622–628; p. 1373, secs. 629, 630; p. 2098, secs. 373a, 411a, 423, 423a, 423b; p. 2099, secs. 423c, 423d, 423e; p. 2100, secs. 423f, 423g, 423h; act Jan. 12, 1927, vol. 44, p. 957*).		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Reclamation Fund, Special Fund—Continued.		
Commissioner of Reclamation, $10,000; and other personal services in the District of Columbia in accordance with "the classification act of 1923," [$142,000] *$135,000*; for office expenses in the District of Columbia, [$23,000] *$27,000*; in all	$172,000.00	$175,000.00
For expenses, except membership fees, of attendance upon meetings of technical and professional societies required in connection with official work of the bureau	2,000.00	2,000.00
Examination and inspection of projects: For examination of accounts and inspection of the works of various projects and divisions of projects operated and maintained by irrigation districts or water users' associations	20,000.00	20,000.00
For operation and maintenance of the reserved works of a project or division of a project when irrigation districts, water users' associations, and/or Warren Act contractors have contracted to pay in advance but have failed to pay their proportionate share of the cost of such operation and maintenance, to be expended under regulations to be prescribed by the Secretary of the Interior, $75,000 (submitted)	75,000.00	
Yuma project, Arizona-California: For operation and maintenance, [$358,000] *$280,000*; for continuation of construction of drainage [$35,000] *$20,000*; in all, [$393,000] *$300,000*: *Provided*, That of the unexpended balance [of $35,000] of the appropriation of $200,000 for the Yuma auxiliary project, contained in the second deficiency act, fiscal year 1925 (Forty-third Statutes at Large, page 1330), *$35,000* is hereby [reappropriated and] made available for the same purposes for the fiscal year [1928] *1929*	300,000.00	393,000.00
Orland project, California: For operation and maintenance, [$35,000] *$36,000* [continuation of construction of Stony Gorge Reservoir, $605,000; in all, $640,000]: *Provided, That the unexpended balance of the appropriation of $605,000 for the continuation of construction of Stony Gorge Reservoir, contained in the act making appropriations for the Department of the Interior for the fiscal year 1928 (Forty-fourth Statutes at Large, page 934), shall remain available for the same purpose for the fiscal year 1929*	36,000.00	640,000.00
Grand Valley project, Colorado: For operation and maintenance, $50,000; continuation of construction, [$30,000] *$25,000*; in all [$80,000]	75,000.00	80,000.00
[Uncompahgre project, Colorado: For operation and maintenance, $145,000]		145,000.00
Boise project, Idaho: For continuation of investigation and construction, Payette division, $400,000: *Provided*, That of the unexpended balance of the appropriation for this project for the fiscal year 1927 there is reappropriated for operation and maintenance, Payette division, [$16,000] *$17,000*; for investigations, examination, and surveys, Payette division, [$16,000] *$18,000*; for continuation of construction, Arrowrock division, [$100,000] *$75,000*	400,000.00	400,000.00
Minidoka project, Idaho: For operation and maintenance, reserved works, [$71,000] *$75,000*; continuation of construction, [$75,000] *$1,075,000*; in all, [$146,000]	1,150,000.00	146,000.00
Minidoka project, American Falls reservoir, Idaho: For operation and maintenance, American Falls water system, [$9,000] *$12,000*; for acquiring rights of way, [$8,000] *$5,000*; construction of power plant, [$700,000] *$550,000*; *in all, $567,000: Provided, That the unexpended balance of $700,000 for construction of power plant, contained in the act making appropriations for the Department of the Interior for the fiscal year 1928 (Forty-fourth Statutes, page 934), shall remain available for the same purpose for the fiscal year 1929*; [investigation and construction of gravity extension unit, $400,000: *Provided*, That none of the said sum of $400,000 shall be available for construction work until a contract or contracts shall be made with an irrigation district or districts embracing said unit which, in addition to other conditions required by law, shall require repayment of construction costs as to such lands as may be furnished supplemental water, within a period not exceeding twenty years from the date water shall be available for delivery; in all, $1,117,000]	567,000.00	1,117,000.00
[Huntley project, Montana: Not to exceed $60,000 of the unexpended balance of the appropriation of $118,000 for the fiscal year 1926, made available by the act of March 3, 1925 (Forty-third Statutes, page 1166), and heretofore made available for the fiscal year 1927, shall remain available for the fiscal year 1928.]		
Milk River project, Montana: For operation and maintenance, [$36,800] *$32,000*; continuation of construction, [$15,000] *$17,000*; in all, [$51,800]	49,000.00	51,800.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Reclamation Fund, Special Fund—Continued.		
Sun River project, Montana: For operation and maintenance, [$20,000] *$19,500*; continuation of construction, *$1,139,500; in all, $1,159,000: Provided, That not to exceed $25,000 of the appropriation for continuation of construction, Greenfields division, contained in the act of January 12, 1927 (Forty-fourth Statutes at Large, page 934), shall remain available for drainage construction Greenfields division until June 30, 1929* [Greenfields division, $37,000; continuation of construction, Gibson dam, $1,000,000; in all, $1,057,000]	$1, 159, 000. 00	$1, 057, 000. 00
Lower Yellowstone project, Montana-North Dakota: For continuation of construction of drainage system, [$100,000]	180, 000. 00	100, 000. 00
North Platte project, Nebraska-Wyoming: For operation and maintenance of reserved works, $75,000: [continuation of construction of Guernsey dam, $200,000; in all, $275,000] *Provided, That the unexpended balance of the appropriation of $100,000 for continuation of construction of drainage contained in the act making appropriations for the Department of the Interior for the fiscal year 1927 (Forty-fourth Statutes, page 478), and reappropriated for the fiscal year 1928, shall remain available for the same purposes for the fiscal year 1929* [That of the unexpended balance of the appropriation for this project for the fiscal year 1927 there is reappropriated for continuation of construction of the Guernsey power plant, $150,000; and for continuation of construction of drainage, $100,000; in all, $250,000]	75, 000. 00	275, 000. 00
Newlands project, Nevada: *Not to exceed $100,000 of the appropriation of $125,000 for operation and maintenance contained in the act making appropriations for the Department of the Interior for the fiscal year 1928 (Forty-fourth Statutes, page 934), is hereby made available until June 30, 1929, for the reconstruction of the Truckee Canal* [For operation and maintenance, $125,000; continuation of construction, $64,000; in all, $189,000: *Provided,* That no part of this amount shall be available for the reconstruction of the Truckee Canal unless a contract in form approved by the Secretary of the Interior shall have been made with the Truckee-Carson irrigation district providing for the payment of the reconstruction cost: *Provided further,* That the appropriation of $245,000 made available by the act of June 5, 1924 (Forty-third Statutes, page 415), and reappropriated for the fiscal year 1926 by the act of March 3, 1925 (Forty-third Statutes, page 1167), shall remain available for the fiscal year 1928 for use for drainage purposes, but only after execution by the Truckee-Carson irrigation district of an appropriate reimbursement contract satisfactory in form to the Secretary of the Interior and confirmation of such contract by decree of a court of competent jurisdiction and final decision on all appeals from such decree]		189, 000. 00
[For the survey and examination of water storage reservoir sites on the headwaters of the Truckee River, investigation of dam sites at such storage reservoir, examination and survey of lands susceptible of irrigation from waters that may be practicably so impounded, and estimates of costs, reports, and recommendations with regard thereto]		50, 000. 00
Carlsbad project, New Mexico: For operation and maintenance	50, 000. 00	50, 000. 00
Rio Grande project, New Mexico-Texas: For operation and maintenance, $350,000; continuation of construction, [$400,000] *$80,000*; in all, [$750,000] *$430,000: Provided, That the unexpended balance of the appropriation of $400,000 for continuation of construction, contained in the act making appropriations for the Department of the Interior for the fiscal year 1928 (Forty-fourth Statutes at Large, page 934), shall remain available for the same purposes for the fiscal year 1929*	430, 000. 00	750, 000. 00
[Baker project, Oregon: For commencement of construction, $450,000;]		450, 000. 00
Owyhee project, Oregon: For [continued investigations and commencement or] continuation of construction, $2,000,000	2, 000, 000. 00	2, 000, 000. 00
Umatilla project, Oreg: For operation and maintenance of reserved works, [$10,000] *$5,000* of the unexpended balance of the appropriation for this project for the fiscal year 1927 shall [remain] *be* available for the fiscal year [1928] *1929.*		
Vale project, Oregon: For *operation and maintenance, $6,000*; continuation of construction, [$850,000] *$744,000*; of which amount not more than [$100,000] *$150,000* shall be available for the purchase of a proportionate interest in the existing storage reservoir of the Warm Springs project; [and the unexpended balance of the appropriation for the fiscal year 1927 shall remain available for the fiscal year 1928] *in all, $750,000*	750, 000. 00	850, 000. 00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Reclamation Fund, Special Fund—Continued.		
Klamath project, Oregon-California: [Of the unexpended balance of the appropriation for this project for the fiscal year 1927 there is reappropriated] For operation and maintenance, [$102,000] *$35,000*; continuation of construction, [$124,000] *$206,000; for refunds to lessees of marginal lands, Tule Lake, which lands because of flooding could not be seeded prior to June 1, 1927, and/or June 1, 1928, $30,000*; in all, [$226,000] *$271,000*	$271,000.00	
Belle Fourche project, South Dakota: For continuation of construction [of drainage, $125,000], *$250,000* [: *Provided*, That no part of this amount shall be available unless a contract or contracts in form approved by the Secretary of the Interior shall have been made with an irrigation district or districts organized under State law providing for payment of construction and operation and maintenance charges by such district or districts]	250,000.00	$125,000.00
Salt Lake Basin project, Utah, first division: For [continued investigations,] construction of Echo reservoir [Utah Lake control] and Weber-Provo Canal, *$1,750,000* [the unexpended balance of any appropriation available for these purposes for the fiscal year 1927 shall be available during the fiscal year 1928]	1,750,000.00	
Okanogan project, Washington: For operation and maintenance	65,000.00	65,000.00
Yakima project, Washington: For operation and maintenance, $288,000; *continuation of construction, $500,000; in all, $788,000*	788,000.00	288,000.00
Yakima project (Kittitas division), Washington: For continuation of construction and operation and maintenance, [$2,000,000] *$1,500,000*: *Provided, That the unexpended balance of the appropriation of $2,000,000 contained in the act making appropriations for the Department of the Interior for the fiscal year 1928 (Forty-fourth Statutes, page 934), shall remain available during the fiscal year 1929*	1,500,000.00	2,000,000.00
Riverton project, Wyoming: For operation and maintenance, [$55,000] *$50,000; continuation of construction, $545,000; in all*	595,000.00	55,000.00
Shoshone project, Wyoming: For continuation of construction of drainage, Garland division, [$150,000] *$115,000; Frannie division, $20,000; Willwood division, $25,000* [: *Provided*, That of the unexpended balance of the appropriation for this project for the fiscal year 1927 there is reappropriated] for operation and maintenance of the Frannie division, [$12,500] *$11,000*; of the Willwood division, $10,000; and of the power plant, $15,000; in all, [$37,500] *$196,000*: *Provided further*, That the expenditures in the fiscal year [1928] *1929* for operation and maintenance of the Willwood division shall in no case exceed $20,000, including advances by water users	196,000.00	150,000.00
Secondary projects: For cooperative and general investigations	75,000.00	75,000.00
For investigations necessary to determine the economic conditions and financial feasibility of new projects and for investigations and other activities relating to the reorganization, settlement of lands, and financial adjustments of existing projects, including examination of soils, classification of land, land-settlement activities, including advertising in newspapers and other publications, and obtaining general economic and settlement data, [$100,000] *$75,000*: *Provided*, That the expenditures from this appropriation for any reclamation project shall be considered as supplementary to the appropriation for that project and shall be accounted for and returned to the reclamation fund as other expenditures under the reclamation act	75,000.00	100,000.00
For personal services and traveling and other expenses necessary to enable the Secretary of the Interior to determine the property loss by flood sustained by certain property owners residing at or in the vicinity of Hatch and Santa Teresa, New Mexico, in accordance with the provisions of the act of February 25, 1927 (Forty-fourth Statutes at Large, page 1792, Private, Numbered 396, Sixty-ninth Congress), $5,000, or so much thereof as may be necessary, to be expended from the reclamation fund (submitted)	5,000.00	
Under the provisions of this act no greater sum shall be expended, nor shall the United States be obligated to expend, during the fiscal year [1928] *1929*, on any reclamation project appropriated for herein, an amount in excess of the sum herein appropriated therefor, nor shall the whole expenditures or obligations incurred for all of such projects for the fiscal year [1928] *1929* exceed the whole amount in the "reclamation fund" for the fiscal year.		
Ten per centum of the foregoing amounts shall be available interchangeably for expenditures on the reclamation projects named; but not more than 10 per centum shall be added to the amount appropriated for any one of said projects, except that should existing works or the water supply for lands under cultivation be endangered by floods or other unusual conditions an amount sufficient to make necessary emergency repairs shall become available for expenditure by further transfer of appropriation from any of said projects upon approval of the Secretary of the Interior.		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Reclamation Fund, Special Fund—Continued.

Whenever, during the fiscal year ending June 30, [1928] *1929*, the Commissioner of the Bureau of Reclamation shall find that the expenses of travel, including the local transportation of employees to and from their homes to the places where they are engaged on construction or operation and maintenance work, can be reduced thereby, he may authorize the payment of not to exceed 3 cents per mile for a motor cycle or 7 cents per mile for an automobile used for necessary official business.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 7, $7,500 and over—						
Special engineer (Commissioner of Reclamation)	1	$10,000	0.8	$10,000	0.9	$10,000
Grade 6, $6,000 to $7,500; average, $6,750—						
Chief attorney (assistant commissioner)	1	6,000	1	6,000		
Grade 5, $5,200 to $6,000; average, $5,600—						
Senior attorney (assistant to the commissioner)					1	5,200
Senior economic analyst (director of reclamation economics)	1	6,000	1	6,000	1	6,000
Grade 4, $3,800 to $5,000; average, $4,400—						
Attorney	2	4,200	2	4,100	2	3,800
Engineer (chief of division)	1	4,600	1	4,400	0.3	4,300
Economic analyst	1	4,100	2	3,800		
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate economic analyst			1	3,000		
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant attorney	1	2,700	1	2,700	1	2,600
Assistant engineer	3	2,700	2.5	2,700	2	2,725
Grade 1, $1,860 to $2,400; average, $2,111—						
Junior attorney	1	1,920	1	1,860	0.4	1,860
Subprofessional service—						
Grade 8, $2,400 to $3,000; average, $2,700—						
Chief engineering draftsman	1	2,900	1	2,800	0.8	2,750
Grade 7, $2,100 to $2,700; average, $2,400—						
Principal engineering draftsman			1.5	2,233	1	2,450
Grade 6, $1,860 to $2,400; average, $2,111—						
Senior engineering draftsman	1	1,920	1	1,920	0.9	1,860
Senior scientific illustrator	1	2,100	1	2,100	0.8	1,896
Grade 5, $1,680 to $2,040; average, $1,860—						
Engineering draftsman	1	1,860	1	1,860	1	1,770
Grade 4, $1,500 to $1,860; average, $1,680—						
Assistant scientific illustrator					0.2	1,680
Grade 3, $1,320 to $1,680; average, $1,500—						
Junior engineering draftsman	1	1,380	1	1,320	0.7	1,320
Grade 2, $1,140 to $1,500; average, $1,320—						
Apprentice engineering draftsman	1	1,320	1	1,260	1	1,170
Grade 1, $960 to $1,260; average, $1,080—						
Minor apprentice lithographer	1	1,200	1	1,200	1	1,200
Clerical, administrative, and fiscal service—						
Grade 11, $3,800 to $5,000; average, $4,400—						
Administrative officer (chief accountant)	1	4,200	1	4,000	1	3,900
Grade 10, $3,300 to $3,900; average, $3,600—						
Senior accountant and auditor			1	3,300	0.3	3,300
Administrative assistant	1	3,600				
Grade 9, $3,000 to $3,600; average, $3,300—						
Senior administrative assistant (chief of division)			1	3,200	1	3,150
Senior administrative assistant (chief clerk)	1	3,200	1	3,100	1	3,050
Accountant and auditor	1	3,100	1	3,000	1.1	3,060
Editor motion-picture films	1	3,100	1	3,000	1	3,000
Grade 8, $2,700 to $3,300; average, $3,000—						
Administrative assistant	1	3,000	1	2,900	1	2,850
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant	1	3,000	1	2,900	1.5	2,800
Assistant accountant	2	2,550	2	2,450	0.2	2,450
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	4	2,200	2	2,200	2.9	2,386
Grade 5, $1,860 to $2,400; average, $2,111—						
Senior clerk	6	2,083	5	2,040	3.3	2,054
Senior photographer	1	1,920	1	1,920	0.3	1,860
Grade 4, $1,680 to $2,040; average, $1,860—						
Principal stenographer	1	1,860	3	1,900	3	1,934
Clerk-stenographer	1	1,920	2	1,920	2	1,905
Clerk	2	1,830	2	1,770	2.6	1,749
Photographer					0.7	1,680
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	4	1,725	3.9	1,669	3.4	1,659
Assistant clerk-stenographer	1	1,800	1	1,740	1	1,740
Senior stenographer	5	1,620	5	1,596	4.5	1,568
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk			0.1	1,380	1	1,380
Junior clerk-stenographer					0.3	1,320
Junior stenographer			0.6	1,320	0.7	1,363
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	1	1,320	1	1,320	1	1,230
Custodial service—						
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger	3	1,140	3	1,100	2.3	1,038
Grade 2, $900 to $1,140; average, $1,020—						
Assistant messenger					0.7	943
Total average number of employees	57		61.4		53.8	
Total salaries, departmental service		145,000		152,000		127,213

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30,1928

Reclamation Fund, Special Fund—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
Salary range, $6,000 to $7,500; average, $6,750—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Chief engineer	1	$6,500	1	$6,250	1	$6,000
Salary range, $5,200 to $6,000; average, $5,600—						
Designing engineer	1	5,600	1	5,600	0.7	5,600
General superintendent of construction	1	5,600	1	5,500	1	5,200
Engineer	0.5	5,600	0.5	5,600		
Salary range, $3,800 to $5,000; average, $4,400—						
Engineer (chief electrical)	1	5,000	1	5,000	1	5,000
Engineer (assistant designing)	1	4,800	1	4,600	0.9	4,267
Engineer (mechanical)	1	4,400	1	4,200	0.5	4,200
Engineer (drainage)	1	3,800	0.5	3,800	0.3	3,800
Engineer	7.8	4,108	7.5	3,992	3.7	3,773
Assistant director of reclamation economics					0.3	4,600
Reclamation economist	2	4,000	1	3,800	0.2	3,165
Superintendent	16	4,250	15	4,133	12.7	4,080
Construction engineer	5	4,520	5.5	4,473	4.5	4,163
District counsel	7	4,057	6.5	3,862	6.3	3,747
Salary range, $3,300 to $3,900; average, $3,600—						
Superintendent	3	3,700	3.5	3,643	4	3,522
Engineer	5.5	3,527	5	3,420	6.2	3,369
Engineer (mechanical)					0.5	3,700
Superintendent of construction					1	3,600
Industrial agent					0.3	3,800
Salary range, $3,000 to $3,600; average, $3,300—						
Superintendent			2	3,600	0.4	2,890
District counsel	1	3,100	1.5	3,000	2	3,000
Irrigation manager	1	3,200	1	3,100	0.1	1,940
Associate engineer	26.7	3,148	25.4	3,083	17.7	3,011
Associate reclamation economist	5	3,180	3.5	3,114	0.8	2,875
Superintendent of construction					0.3	3,000
Chief clerk	5.5	3,155	6.7	3,082	6	3,000
Accountant	0.5	3,000	0.5	3,000		
Inspector					1	3,050
Salary range, $2,700 to $3,300; average, $3,000—						
Associate engineer	4	2,850	3	2,800	2.2	2,768
Assistant engineer	4	2,900	4	2,850	3	2,850
Chief clerk	3	2,900	3	2,800	2.9	2,711
Purchasing agent	1	3,000	1	2,900	1	2,900
Salary range, $2,400 to $3,000; average, $2,700—						
Assistant engineer	37	2,622	35.8	2,549	30	2,562
Irrigation manager	1	2,800	1	2,800	1	2,800
Chief engineering draftsman	1	2,700	1	2,600	0.5	2,600
Chief clerk	10	2,640	10.5	2,581	9.8	2,541
Principal clerk	3	2,733	1	2,700	1	2,700
Salary range, $2,100 to $2,700; average, $2,400—						
Assistant engineer	13	2,431	14	2,375	14.6	2,299
Junior engineer					0.6	2,192
Assistant reclamation economist	1	2,200	1	2,100		
Principal engineering draftsman	1	2,100	1	2,100	1.5	2,200
Senior draftsman	1	2,500	1	2,400	1	2,300
Chief clerk	6.5	2,546	7	2,507	5.6	2,386
Principal clerk	12	2,417	11	2,359	8.5	2,293
Senior clerk	7	2,229	6	1,792	1	2,300
Chief of field party	2	2,150	2	2,100	0.1	1,740
Reservoir superintendent	2	2,400	1	2,300	0.5	2,220
Salary range, $1,860 to $2,400; average, $2,111—						
Assistant engineer	1	2,300	1	2,300	1	2,200
Junior engineer	21	2,121	20	2,054	11.6	2,115
Senior engineering draftsman	14	2,099	14	2,009	11.7	2,037
Senior hydrographer	2	2,080	2	2,030	2.5	2,004
Hydrographer					0.5	2,200
Senior clerk	29	2,106	28.5	2,092	29.5	2,100
Chief of field party	21.5	2,041	22.9	1,980	9.6	2,022
Instrumentman	9.5	2,015	8.5	1,948	5	1,885
Levelman					0.5	1,572
Inspector	22	2,065	23	1,913	1.6	2,054
Costkeeper	3	2,100	3	2,040	2.2	2,018
Reservoir superintendent	2	2,300	2	2,300	2.6	2,242
Salary range, $1,680 to $2,040; average, $1,860—						
Engineering draftsman	2	1,710	2	1,680	1.5	1,680
Assistant engineering draftsman					0.7	1,714
Clerk	25	1,863	27.3	1,825	25	1,790
Instrument man	18	1,733	14.9	1,789	9	1,706
Transitman	8	1,845	7	1,777	2.9	1,865
Inspector	17	1,741	17	1,702	1	1,780
Reservoir superintendent	2	1,770	2	1,740	2.5	1,678
Cost keeper	1	1,920			0.2	1,420
Storekeeper	4	1,835	3	1,827	3	1,837
Salary range, $1,500 to $1,860; average, $1,680—						
Junior engineer			0.8	1,500		
Assistant engineering draftsman	2	1,620	2	1,560	1.5	1,520
Junior engineering draftsman	1	1,620	1	1,560	1	1,560
Assistant clerk	15	1,660	17	1,594	13.5	1,575
Instrument man	1	1,800	1.5	1,720	2.4	1,705
Transit man	5	1,560	5	1,536	1.9	1,495
Levelman	12	1,662	12	1,615	4.6	1,555
Inspector			2	1,620	2	1,500
Cost keeper	4	1,725	4.2	1,729	4.1	1,588
Storekeeper	3	1,740	4	1,710	3.3	1,713
Storehouse clerk	1	1,620			1	1,788
Timekeeper	5	1,680	5.6	1,656	5.3	1,605

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Reclamation Fund, Special Fund—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Field service—Continued.			
Salaries and wages—Continued.	*Average—*	*Average—*	*Average—*
Salary range, $1,320 to $1,680; average, $1,500—	*No.* *Salary*	*No.* *Salary*	*No.* *Salary*
Junior clerk	12.7 $1,517	14 $1,483	11.1 $1,386
Storekeeper	1 1,380	1 1,320	1 1,485
Storehouse clerk	1 1,500	2.2 1,534	2.6 1,468
Timekeeper	1 1,500	2 1,410	1 1,620
Levelman	1 1,680	2 1,650	0.5 1,606
Inspector			0.5 1,320
Salary range, $1,140 to $1,500; average, $1,320—			
Underclerk	3 1,220	3 1,170	3.7 1,145
Telephone operator	1.2 1,167	1.2 1,167	1.7 1,162
Timekeeper			0.9 1,248
Salary range, $900 to $1,260; average, $1,080—			
Recorder, water records	0.5 1,200	0.5 1,200	0.1 1,000
Messenger	1 960	1 930	0.3 900
Salary range, $600 to $780; average, $690—			
Junior messenger			0.7 609
Temporary employees not classified—			
Consulting engineers and specialists ($10 to $50 per day)	2.2	3.5	1.3
Amount allowed	(17,700)	(26,000)	(10,655)
Total average number of classified employees	478.6	479.5	348.3
Total salaries, field service	1,163,820	1,130,686	824,585
The difference between 1929 and 1928 is due to—			
Increase in force $86,033			
Decrease in force 72,366			
Net increase in force 13,667			
Increase in salaries 19,467			
Net increase 33,134			
Total average number of miscellaneous and seasonal employees	1,649.4	1,675.4	1,610.6
Total salaries and wages	1,711,940.00	1,848,265.00	1,771,637.74
Total average number of employees, field service	2,128	2,154.9	1,958.9
Total salaries and wages, field service	2,875,760.00	2,978,951.00	2,596,222.74
Deduct allowance value of quarters, subsistence, etc., furnished	98,210.00	79,876.00	88,316.89
Cash payment, salaries and wages	2,777,550.00	2,899,075.00	2,507,905.85
Deduct expenditures for personal services in objects named below	1,179,776.00	1,189,271.00	1,210,867.92
Net salaries and wages, field service	1,597,774.00	1,709,804.00	1,297,037.93
01 Total personal services	1,742,774.00	1,861,804.00	1,424,250.93
Supplies and materials:			
0200 Stationery and office supplies	2,500.00	2,500.00	2,179.88
0210 Medical and hospital supplies	5,000.00	5,000.00	
0220 Scientific and educational supplies	600.00	600.00	514.68
0230 Fuel	98,700.00	119,000.00	100,938.08
0240 Wearing apparel and sewing supplies	200.00	125.00	59.91
0250 Forage and other supplies for animals	3,000.00	3,500.00	2,415.06
0260 Provisions	16,000.00	8,100.00	3,894.97
0270 Explosives	11,200.00	1,250.00	825.61
0280 Sundry supplies	387,550.00	383,000.00	351,382.52
0290 Materials	112,750.00	129,425.00	31,103.38
02 Total supplies and materials	637,500.00	652,500.00	483,314.09
03 Subsistence and support of persons (service)	6,500.00	6,500.00	4,312.55
04 Subsistence and care of animals, and storage and care of vehicles (service)	3,000.00	3,000.00	2,073.30
Communication service:			
0500 Telegraph service	4,500.00	4,500.00	2,865.41
0510 Telephone service	20,000.00	19,900.00	24,260.83
0520 Other communication service	500.00	600.00	339.39
05 Total communication service	25,000.00	25,000.00	27,465.63
06 Travel expenses	119,500.00	115,500.00	74,498.24
07 Transportation of things (service)	334,700.00	369,600.00	295,355.69
Printing and binding, etc.:			
0800 Printing and binding	24,000.00	19,500.00	27,821.41
0810 Lithographing, engraving, and engrossing	1,000.00	500.00	1,211.21
0830 Photographing and making photographs and prints (job work)	8,000.00	8,000.00	7,311.08
08 Total printing and binding, etc	33,000.00	28,000.00	36,343.70
09 Advertising and publication of notices (service)	2,700.00	2,400.00	1,015.71
10 Furnishing of heat, light, power, water, and electricity (service)	39,300.00	44,000.00	39,016.26
Rents:			
1100 Rent of buildings and structures	19,000.00	18,500.00	14,895.29
1110 Other rents	9,000.00	11,000.00	9,612.70
11 Total rents	28,000.00	29,500.00	24,507.99

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), data of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Reclamation Fund, Special Fund—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
12 Repairs and alterations	$1,004,000.00	$1,015,500.00	$969,634.19
13 Special and miscellaneous current expenses	65,100.00	106,900.00	66,553.70
Equipment (includes livestock):			
3000 Passenger-carrying vehicles	40,000.00	50,000.00	24,905.97
3010 Furniture, furnishings, and fixtures	9,300.00	8,100.00	6,740.06
3020 Educational, scientific, and recreational equipment	4,200.00	4,400.00	4,941.77
3040 Livestock	200.00	200.00	
3050 Other equipment	65,200.00	63,500.00	33,440.91
30 Total equipment	118,900.00	126,200.00	70,028.71
31 Lands and interests in lands	387,200.00	406,300.00	713,217.69
32 Other structures	9,509,726.00	9,024,117.00	5,351,111.87
33 Stores purchased for resale	5,100.00	5,100.00	3,680.00
Refunds, awards, and indemnities:			
5320 Refunds on account of adjustments not specified	4,600.00	4,600.00	2,662.44
5330 Miscellaneous refunds	31,000.00	2,000.00	289.04
5350 Indemnities not specified	7,400.00	2,600.00	1,180.08
53 Total refunds, awards, and indemnities	43,000.00	9,200.00	4,131.56
	14,105,000.00	13,831,121.00	9,590,511.81
Less funds advanced for construction, operation, and maintenance	721,000.00	847,921.00	231,889.50
	13,384,000.00	12,983,200.00	9,358,622.31
Transfer to contingent fund, Department of the Interior, for stationery	15,000.00	18,000.00	18,000.00
Unexpended balances reappropriated		224,000.00	2,282,500.00
Unobligated balances			3,180,314.36
Reserve		750,000.00	
Total	13,399,000.00	13,975,200.00	14,839,436.67
Reconciliation:			
Proposed appropriation, fiscal year 1929	13,060,000.00		
Appropriated—			
Act of Jan. 12, 1927 (44 Stat. 957)		11,798,800.00	
Act of May 10, 1926 (44 Stat. 453)			7,431,000.00
Act of July 3, 1926 (44 Stat. 881)			50,000.00
Unexpended balances previous years' appropriations reappropriated	339,000.00	2,176,400.00	7,358,436.67
Total available appropriations from the reclamation fund	13,399,000.00	13,975,200.00	14,839,436.67

Total from reclamation fund	$13,060,000.00	$11,798,800.00
[For the share of the Government of the United States of the costs of operating and maintaining the Colorado River front work and levee system adjacent to the Yuma Federal irrigation project in Arizona and California, as authorized by the act entitled "An act authorizing the construction, repair, and preservation of certain public works on rivers and harbors, and for other purposes," approved March 3, 1925 (Forty-third Statutes, page 1186), $35,000, or so much thereof as may be necessary, to be transferred to the reclamation fund, special fund, created by the act of June 17, 1902 (Thirty-second Statutes, page 388), and to be expended under the direction of the Secretary of the Interior in accordance with the provisions applicable to appropriations made for the fiscal year 1928 from the reclamation fund]		35,000.00
To defray the cost of operating and maintaining the Colorado River front work and levee system adjacent to the Yuma Federal irrigation project in Arizona and California, subject only to section 4 of the act entitled "An act authorizing the construction, repair, and preservation of certain public works on rivers and harbors, and for other purposes," approved January 21, 1927 (Forty-fourth Statutes, page 1010), $100,000, to be immediately available (acts Mar. 3, 1925, vol. 43, p. 1186; May 10, 1926, vol. 44, pp. 478–485; July 3, 1926, vol. 44, pp. 856, 857; Jan. 12, 1927, vol. 44, pp. 934–961)	100,000.00	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Reclamation Fund, Special Fund—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $3,800 to $5,000; average, $4,400—						
Engineer (superintendent)	0.2	$4,600				
Salary range, $3,300 to $3,900; average, $3,600—						
Engineer (superintendent of construction)	0.4	3,800				
Salary range, $2,700 to $3,300; average, $3,000—						
Chief clerk	0.1	2,700				
Salary range, $2,400 to $3,000; average, $2,700—						
Assistant engineer	0.3	2,500				
Salary range, $1,800 to $2,400; average, $2,100—						
Senior clerk (costkeeper)	0.3	2,100				
Salary range, $1,680 to $2,040; average, $1,860—						
Instrument man	0.1	1,800				
Clerk	0.1	1,800				
Salary range, $1,500 to $1,860; average, $1,680—						
Timekeeper	0.3	1,500				
Levelman	0.1	1,500				
Total average number of classified employees	1.9					
Total salaries, field service		5,000				
Total average number of miscellaneous and seasonal employees, field service	56					
Total salaries and wages		55,000				
Total average number of employees	57.9					
Total salaries and wages, field service		60,000				
Deduct expenditures for personal services included in objects named below		50,000				
01 Total personal services		10,000				
Supplies and materials:						
0200 Stationery and office supplies		100				
0230 Fuel		5,000				
0280 Sundry supplies		1,000				
02 Total supplies and materials		6,100				
Communication service:						
0500 Telegraph service		25				
0510 Telephone service		75				
05 Total communication service		100				
07 Transportation of things (service)		1,800				
12 Repairs and alterations		65,800				
13 Special and miscellaneous current expenses		200				
30 Equipment (other)		16,000				
Unobligated balance [1]						$35,000
Reserve [1]				$35,000		
Total		100,000		35,000		35,000

[1] Appropriation subject to determination of the Government's share of the cost of operating and maintaining the Colorado River front work and levee system adjacent to the Yuma Federal irrigation project in Arizona and California, the respective States to contribute a like amount. Since the States have made no contribution, the appropriations for fiscal years 1927 and 1928 can not be expended.

[For investigations to be made by the Secretary of the Interior through the Bureau of Reclamation to obtain necessary information to determine how arid and semiarid, swamp, and cut-over timberlands in any of the States of the United States may be best developed, as authorized by subsection R, section 4, second deficiency act, fiscal year 1924, approved December 5, 1924 (Forty-third Statutes, page 704), including the general objects of expenditure enumerated and permitted under the second paragraph in this act under the caption "Bureau of Reclamation," and including mileage for motor cycles and automobiles at the rates and under the conditions authorized herein in connection with the reclamation projects] (*acts Dec. 5, 1924, vol. 43, pp. 701–704, sec. 4; May 10, 1926, vol. 44, pp. 478–485; Jan. 12, 1927, vol. 44, pp. 934–961*) $15,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Reclamation Fund, Special Fund—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Departmental service:					
	Salaries—					
	Professional and scientific service—	*Average—*	*Average—*		*Average—*	
	Grade 5, $5,200 to $6,000; average, $5,600—	*No.* *Salary*	*No.*	*Salary*	*No.*	*Salary*
	Engineer		0.5	$6,000		
	Grade 4, $3,800 to $5,000; average, $4,400—					
	Engineer		0.8	$4,400	0.7	$$4,300
	Drainage engineer		0.2	4,200	0.2	4,000
	Clerical, administrative, and fiscal service—					
	Grade 9, $3,000 to $3,600; average, $3,300—					
	Senior administrative assistant		0.2	3,200	0.1	3,100
	Grade 4, $1,680 to $2,040; average, $1,860—					
	Clerk-stenographer		0.3	1,800		
	Total average number of employees		2		0.8	
	Total salaries, departmental service			8,540		4,151
	Field service:					
	Salaries and wages—					
	Temporary employees not classified—					
	Consulting engineer and specialist ($12 to $20.83 per day)		0.3		0.3	
	Amount allowed			1,460		1,621
	Total average number of employees		2.3		1.1	
01	Total personal services			10,000		5,772
	Supplies and materials:					
0200	Stationery and office supplies			25.00		17.34
0280	Sundry supplies			25.00		17.80
02	Total supplies and materials			50.00		35.14
	Communication service:					
0500	Telegraph service			50.00		45.52
0510	Telephone service			20.00		4.60
0520	Other communication service			5.00		
05	Total communication service			75.00		50.12
06	Travel expense			2,500.00		4,973.58
07	Transportation of things (service)			25.00		2.04
	Printing and bindings, etc.:					
0800	Printing and binding			1,250.00		604.34
0820	Stenographic work, etc. (job work)			100.00		
0830	Photographing and making photographic prints			50.00		
08	Total printing and binding, etc			1,400.00		604.34
10	Furnishing of heat, light, and power			50.00		
11	Rent of buildings and structures			100.00		
12	Repairs			125.00		
13	Special and miscellaneous current expenses			50.00		
	Equipment:					
3000	Passenger-carrying vehicles					1,079.50
3010	Furniture, furnishings, and fixtures			50.00		
3050	Other equipment			25.00		
30	Total equipment			75.00		1,079.50
				14,500.00		12,516.72
	Unobligated balance					2,483.28
	Reserve			500.00		
	Total			15,000.00		15,000.00

Total under Bureau of Reclamation	$13,160,000.00	$11,848,800.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
UNITED STATES GEOLOGICAL SURVEY		
Salaries, Geological Survey—		
For the Director of the Geological Survey and other personal services in the District of Columbia in accordance with the classification act of 1923 (*U. S. C., p. 1327, sec. 31; act Jan. 12, 1927, vol. 44, p. 961*)	$125,000.00	$126,500.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 7, $7,500—						
Chief scientist (director)	1	$7,500	1	$7,500	0.3	$7,500
Grade 6, $6,000 to $7,500; average, $6,750—						
Chief scientist (director)					0.6	$7,000
Grade 5, $5,200 to $6,000; average, $5,600—						
Senior scientist (administrative geologist)	1	$5,200	1	$5,200	0.5	5,200
Grade 4, $3,800 to $5,000; average, $4,400—						
Scientist (administrative geologist)					0.5	4,600
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant librarian	1	2,700	1	2,700	1	2,650
Grade 1, $1,860 to $2,400; average, $2,111.42—						
Junior librarian	2	2,250	2	2,250	2	2,200
Subprofessional service—						
Grade 4, $1,500 to $1,860; average, $1,680—						
Junior library assistant	1	1,500	1	1,500	0.7	1,500
Grade 3, $1,320 to $1,680; average, $1,500—						
Underlibrary assistant	1	1,500	1	1,500	1.2	1,415
Grade 2, $1,140 to $1,500; average, $1,320—						
Minor library assistant	1	1,440	1	1,440	1	1,440
Clerical, administrative, and fiscal service—						
Grade 10, $3,300 to $3,900; average, $3,600—						
Junior administrative officer (chief clerk)	1	3,600	1	3,600	1	3,500
Senior editor (editor)	1	3,500	1	3,500	1	3,400
Grade 9, $3,000 to $3,600; average, $3,300—						
Senior administrative assistant	1	3,000	1	3,000	1	3,000
Grade 8, $2,700 to $3,300; average, $3,000—						
Administrative assistant	3	2,933	2.6	2,925	3	2,931
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant	1	2,800	1	2,800	1	2,800
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	4	2,225	4	2,225	4	2,197
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	7.2	1,998	6.4	2,005	6	1,988
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	7.8	1,785	9.1	1,780	10.2	1,795
Clerk-stenographer	1	1,740	1	1,740	0.7	1,680
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	9	1,600	8.5	1,600	7.7	1,579
Assistant clerk-stenographer					0.3	1,680
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	1	1,560	1	1,560	1.8	1,417
Junior stenographer	2	1,360	2.2	1,380	2.5	1,333
Junior clerk-typist			0.8	1,320	0.3	1,320
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	2	1,220	2.5	1,220	3	1,220
Custodial service—						
Grade 7, $1,680 to $2,040; average, $1,860—						
Senior mechanic	1	1,800	1	1,800	1	1,800
Grade 4, $1,140 to $1,500; average, $1,320—						
Head messenger	1	1,260	1	1,260	1	1,260
Undermechanic	1	1,320	1	1,320	1	1,320
Skilled laborer	1	1,140	1	1,140	1	1,140
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger	10	1,116	10	1,116	9.5	1,083
Minor custodian					0.7	1,075
Grade 2, $900 to $1,140; average, $1,020—						
Junior laborer	2	1,080	2	1,080	2	1,050
Assistant messenger					0.9	900
Total average number of employees	65		66.1		68.4	
Total salaries, departmental service		125,000.00		125,836.00		126,733.17
01 The difference between 1929 and 1928 is due to decrease in force, $836.						
Unobligated balance						3,266.83
Reserve				664.00		
Total		125,000.00		126,500.00		130,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
General Expenses, Geological Survey—		
For every expenditure requisite for and incident to the authorized work of the Geological Survey, including personal services in the District of Columbia and in the field, including not to exceed $17,000 for the purchase and exchange and not to exceed $40,000 for the hire, maintenance, repair, and operation of motor-propelled and horse-drawn passenger-carrying vehicles for field use only by geologists, topographers, engineers, and land classifiers, and the Geological Survey is authorized to exchange unserviceable and worn out passenger-carrying and freight-carrying vehicles as part payment for new freight-carrying vehicles, and whenever, during the fiscal year ending June 30, [1928] *1929*, the Director of the Geological Survey shall find that the expense of travel can be reduced thereby he may authorize the payment of not to exceed 3 cents per mile for a motor cycle or 7 cents per mile for an automobile used for official business, and including not to exceed $5,000 for necessary traveling expenses of the Director and members of the Geological Survey acting under his direction, for attendance upon meetings of technical, professional, and scientific societies when required in connection with the authorized work of the Geological Survey, to be expended under the regulations from time to time prescribed by the Secretary of the Interior, and under the following heads:		
For topographic surveys in various portions of the United States, including lands in national forests, [$510,200] *$505,000*, of which amount not to exceed [$267,000] *$260,000* may be expended for personal services in the District of Columbia: *Provided*, That no part of this appropriation shall be expended in cooperation with States or municipalities except upon the basis of the State or municipality bearing all of the expense incident thereto in excess of such an amount as is necessary for the Geological Survey to perform its share of standard topographic surveys, such share of the Geological Survey in no case exceeding 50 per cent: *Provided further*, That $390,000 of this amount shall be available only for such cooperation with States or municipalities (*U. S. C., p. 1327, secs. 31, 39; act Jan. 12, 1927, vol. 44, p. 961*)	$505,000.00	$510,200.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 5, $5,200 to $6,000; average, $5,600—						
Senior engineer (1 chief of branch)	3	$5,266	3	$5,266	3	$5,266
Grade 4, $3,800 to $5,000; average, $4,400—						
Engineer	12	3,966	12	3,966	12	3,900
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate engineer	58	3,116	58	3,116	53.5	3,137
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant engineer	22	2,519	21	2,519	20.1	2,460
Grade 1, $1,860 to $2,400; average, $2,111.42—						
Junior engineer	5	1,968	5	1,968	4.9	1,911
Junior scientist	1	1,920	1	1,920	1	1,860
Subprofessional service—						
Grade 8, $2,400 to $3,000; average, $2,700—						
Chief engineering draftsman	2	2,450	2	2,450	1.3	2,477
Chief engineering aid					2.2	2,590
Grade 7, $2,100 to $2,700; average, $2,400—						
Principal laboratory mechanic	3	2,533	3	2,533	3	2,533
Grade 6, $1,860 to $2,400; average, $2,111.42—						
Senior engineering aid	1	2,400	1	2,400	2.1	2,152
Senior engineering draftsman	6	1,973	6	1,973	5.9	1,953
Grade 4, $1,500 to $1,860; average, $1,680—						
Assistant engineering draftsman	3	1,700	3	1,700	2.8	1,700
Grade 3, $1,320 to $1,680; average, $1,500—						
Junior engineering draftsman	1	1,320	1	1,320	0.2	1,470
Grade 1, $900 to $1,260; average, $1,080—						
Minor apprentice lithographer					0.8	900
Clerical, administrative, and fiscal service—						
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant	1	2,600	1	2,600	1	2,450
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal photographer					0.7	2,425
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	1	2,400	1	2,400	1.1	2,356
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk-stenographer	1	1,860	1	1,860	1	1,860
Clerk	2	1,860	2	1,860	2.1	1,819
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	2	1,620	2	1,620	2.2	1,560
Assistant clerk-stenographer	2	1,540	1.8	1,540	2	1,508
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	1	1,500	1	1,500	1	1,440
Junior clerk-stenographer			0.2	1,380	0.4	1,320
Custodial service—						
Grade 2, $900 to $1,140; average, $1,020—						
Assistant messenger					0.1	900
Total average number of employees, departmental service	127		126		124.4	
Total salaries, departmental service		362,836.00		360,257.00		346,753.16

The difference between 1929 and 1928 is due to increase in force, $2,579.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General Expenses, Geological Survey—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927		Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
	Average—		*Average—*		*Average—*			
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*		
Departmental service—Continued.								
Salaries—Continued.								
Departmental service salaries in District of Columbia		$230,000.00		$230,000.00		$216,701.17		
Field service salaries in District of Columbia		20,000.00		20,000.00		17,258.83		
Total salaries in District of Columbia		250,000.00		250,000.00		233,960.00		
Field service:								
Salaries and wages—								
Salary range, $5,200 to $6,000; average, $5,600—								
Senior engineer	1	5,200	1	5,200	1	5,200		
Salary range, $3,800 to $5,000; average, $4,400—								
Engineer	4	4,000	4	4,000	4	3,855		
Salary range, $3,000 to $3,600; average, $3,300—								
Associate engineer	17	3,088	17	3,088	14.8	3,121		
Salary range, $2,400 to $3,000; average, $2,700—								
Assistant engineer	15	2,500	15	2,500	15.2	2,518		
Senior clerk	1	2,600	1	2,600	1	2,500		
Salary range, $1,860 to $2,400; average, $2,100—								
Junior engineer	15	1,872	10	1,872	9.1	1,955		
Salary range, $1,680 to $2,040; average, $1,860—								
Clerk	1	2,040	1	2,040	1	1,980		
Salary range, $1,500 to $1,860; average, $1,680—								
Assistant engineering field aid	8	1,582	8	1,582	5.6	1,521		
Assistant clerk	0.5	1,500	0.5	1,500	0.5	1,500		
Salary range, $1,140 to $1,500; average, $1,320—								
Apprentice engineering field aid	3	1,200	3	1,200	3.7	1,244		
Salary range, $900 to $1,260; average, $1,080—								
Minor apprentice engineering field aid	15	900	4	900				
Total average number of permanent field employees	80.6		64.6		56.9			
Total permanent salaries, field service		174,430.00		155,170.00		141,236.50		
Total average number of temporary field assistants (employed locally)	160		145		171			
Total wages, temporary field assistants		165,600.00		146,336.00		182,674.90		
Total average number of employees, field service	240.5		209.5		226.9			
Total salaries and wages, field service		340,030.00		301,506.00		323,911.40		
The difference between 1929 and 1928 is due to increase in force, $38,524.								
01 Total personal services		702,866.00		661,763.00		670,664.56		
Supplies and materials:								
0200 Stationery and office supplies		8,500.00		7,500.00		8,319.73		
0220 Scientific and educational supplies		750.00		500.00		831.20		
0280 Sundry supplies		4,500.00		3,000.00		4,840.57		
02 Total supplies and materials		13,750.00		11,000.00		13,991.50		
04 Subsistence and care of animals, and storage and care of vehicles		1,000.00		1,000.00		1,026.20		
Communication service:								
0500 Telegraph service		500.00		500.00		636.72		
0510 Telephone service		150.00		150.00		342.26		
0520 Other communication service						25.40		
05 Total communication service		650.00		650.00		1,004.38		
06 Travel expenses		113,234.00		104,400.00		108,200.86		
07 Transportation of things (service)		48,000.00		40,000.00		48,072.30		
Printing and binding:								
0810 Lithographing and engraving, and engrossing		12,500.00		12,000.00		11,743.73		
0820 Stenographic work, typewriting, and duplicating work, such as multigraphing, mimeographing (job work)						23.75		
0830 Photographing and making photographs and prints		3,500.00		3,000.00		3,060.26		
08 Total printing and binding		16,000.00		15,000.00		14,827.74		
10 Furnishing of heat, light, power, water, and electricity (service)						5.40		
11 Rents		100.00		100.00		201.24		
12 Repairs and alterations		100.00		100.00		143.58		
13 Special and miscellaneous current expenses		6,800.00		5,000.00		14,356.06		
Equipment:								
3000 Purchase of passenger-carrying vehicles		1,000.00		1,000.00		1,221.08		
3010 Furniture, furnishings, and fixtures		1,000.00		750.00		839.16		
3020 Educational, scientific, and recreational equipment		12,500.00		15,000.00		5,460.22		
3050 Other equipment		10,000.00		10,000.00		11,898.95		
30 Total equipment		24,500.00		26,750.00		19,419.41		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

General Expenses, Geological Survey—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
5330 Miscellaneous transfers and adjustments			$1,531.81
	$927,000.00	$865,763.00	893,445.04
Less repayments (detail below)	200,000.00	200,000.00	206,026.73
	727,000.00	665,763.00	687,418.31
Less direct State payments	222,000.00	161,563.00	242,503.84
		504,200.00	444,914.47
Unobligated balance			6,785.53
Reserve		6,000.00	
Total	505,000.00	510,200.00	451,700.00
Repayments:			
New England States military repay	12,000.00	12,000.00	12,000.00
National parks			5,915.40
Navy Department			1,366.02
State cooperation	168,000.00	168,000.00	167,171.24
Miscellaneous	20,000.00	20,000.00	19,574.07
Total	200,000.00	200,000.00	206,026.73

For geologic surveys in the various portions of the United States and chemical and physical researches relative thereto, [$328,200] *$325,000*, of which not to exceed [$263,000] *$250,000* may be expended for personal services in the District of Columbia (*U. S. C., p. 1327, sec. 31; act Jan. 12, 1927. vol. 44, p. 962*) $325,000.00 $328,200.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 5, $5,200 to $6,000; average, $5,600—						
Senior scientist (one branch chief)	5.9	$5,233	5.9	$5,233	4.9	$5,243
Grade 4, $3,800 to $5,000; average, $4,400—						
Scientist (geologist)	24.3	4,096	26.3	4,096	26.3	4,063
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate scientist (geologist)	12	3,195	12	3,195	13.9	3,150
Associate engineer (cartographic)	1	3,000	1	3,000	0.7	3,000
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant scientist	7.6	2,533	7.6	2,533	7.8	2,439
Grade 1, $1,860 to $2,400; average, $2,111.42—						
Junior scientist	1	2,300	1	2,300	1.11	2,218
Subprofessional service—						
Grade 8, $2,400 to $3,000; average, $2,700—						
Chief scientific illustrator	2	2,450	2	2,450	1.7	2,440
Grade 7, $2,100 to $2,700; average, $2,400—						
Principal scientific illustrator	1	2,300	1	2,300	1.2	2,262
Grade 5, $1,680 to $2,040; average, $1,860—						
Aid in geology	1	1,800	1	1,800	1	1,770
Library assistant	0.8	1,740	0.8	1,740	0.5	1,740
Grade 4, $1,500 to $1,860; average, $1,680—						
Assistant scientific aid	3	1,760	3	1,760	3.1	1,692
Grade 3, $1,320 to $1,680; average, $1,500—						
Junior scientific aid	1	1,620	1	1,620	1	1,620
Grade 2, $1,140 to $1,500; average, $1,320—						
Under scientific helper	1	1,380	1	1,380	1	1,320
Grade 1, $900 to $1,260; average, $1,080—						
Minor laboratory mechanic	1	1,080	1	1,080	1	1,020
Clerical, administrative, and fiscal service—						
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant	1	2,500	1	2,500	1	2,500
Grade 6, $2,100 to $2,760; average, $2,400—						
Principal clerk	1	2,500	1	2,500	1	2,500
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	5	2,140	5	2,140	5.2	2,158
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	3	1,840	3	1,840	3	1,840
Clerk-stenographer	6	1,840	6	1,840	5.5	1,854
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	5	1,668	5	1,668	5.5	1,629
Assistant clerk-stenographer	0.8	1,500	0.8	1,500	1	1,500
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	1	1,500	1	1,500	1	1,500
Junior clerk-stenographer	1	1,560	1	1,560	1	1,560
Total average number of employees	86.4		88.4		89.4	
Total salaries, departmental service		258,457.00		266,649.00		264,074.17
Difference between 1929 and 1928 is due to decrease in force, $8,192.						
Departmental service salaries in the District of Columbia		250,000.00		250,000.00		228,566.61

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

General Expenses, Geological Survey—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Field service:			
Salaries and wages—	*Average—*	*Average—*	*Average—*
Salary range, $3,800 to $5,000; average, $4,400—	*No.* *Salary*	*No.* *Salary*	*No.* *Salary*
Scientist	3.1 $4,366	3.1 $4,366	3.1 $4,240
Salary range, $3,000 to $3,600; average, $3,300—			
Associate scientist	1 3,050	0.6 3,050	1.5 3,075
Salary range, $2,400 to $3,000; average, $2,700—			
Assistant scientist	3.1 2,525	3.1 2,525	3.1 2,463
Salary range, $1,860 to $2,400; average, $2,100—			
Junior scientist	0.4 1,860	0.4 1,860	0.9 1,863
Salary range, $1,500 to $1,860; average, $1,680—			
Assistant clerk	1 1,500	1 1,500	0.3 1,545
Total average number of employees	8.6	8.2	8.9
Total salaries and wages, field service	26,703.00	25,483.00	27,533.28
Total temporary field assistants (employed locally)	10	6	8
Total wages, temporary field assistants	5,000.00	3,000.00	3,979.32
Total average number of employees, field service	18.6	14.2	16.9
Total salaries and wages, field service	31,703.00	28,483.00	31,512.60
The difference between 1929 and 1928 is due to increase in force, $3,220.			
01 Total personal services	290,160.00	295,132.00	295,586.77
Supplies and materials:			
0200 Stationery and office supplies	500.00	300.00	730.54
0220 Scientific and educational supplies	1,000.00	500.00	1,096.31
0280 Sundry supplies	250.00	100.00	361.81
02 Total supplies and materials	1,750.00	900.00	2,188.66
04 Subsistence and care of animals, and storage and care of vehicles	300.00	250.00	255.00
Communication service:			
0500 Telegraph service	50.00	50.00	102.17
0510 Telephone service	50.00	50.00	71.60
05 Total communication service	100.00	100.00	173.77
06 Travel expense	39,840.00	34,508.00	29,579.45
07 Transportation of things (service)	6,000.00	5,000.00	6,908.02
Printing and binding:			
0810 Lithographing, engraving, and engrossing	300.00	250.00	413.05
0820 Stenographic work, typewriting, and duplicating work, etc. (job work)			8.10
0830 Photographing and making photographs and prints	2,500.00	2,000.00	2,591.22
08 Total printing and binding	2,800.00	2,250.00	3,012.37
12 Repairs and alterations			485.83
13 Special and miscellaneous current expenses			852.03
Equipment:			
3000 Purchase of passenger-carrying vehicles	1,500.00	1,800.00	
3010 Furniture, furnishings, and fixtures	300.00	250.00	501.95
3020 Educational, scientific, and recreational equipment	3,000.00	3,500.00	7,123.78
3040 Livestock	250.00		64.00
3050 Other equipment	1,000.00	1,000.00	2,148.26
30 Total equipment	6,050.00	6,550.00	9,837.99
53 Miscellaneous transfers and adjustments			2,572.48
	347,000.00	344,690.00	351,452.37
Less repayments	22,000.00	22,000.00	22,235.59
		322,690.00	329,216.78
Unobligated balance			7,943.22
Reserve		5,510.00	
Total	325,000.00	328,200.00	337,160.00
Repayments:			
State cooperation	22,000.00	22,000.00	20,785.82
Miscellaneous			1,449.74
Total	22,000.00	22,000.00	22,235.59

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
General Expenses, Geological Survey—Continued. For volcanologic surveys, measurements, and observatories in Hawaii, including subordinate stations elsewhere, $20,000, [of which amount not to exceed $3,000 may be expended for the erection, leasing, and improvement of houses for laboratories and quarters and for leasing land therefor, and for heating, lighting, power, sewerage, and water systems in connection therewith, and not exceeding $2,000 may be expended for printing local volcanologic reports outside of Washington] (*U. S. C., p. 1327, sec. 31; act Jan. 12, 1927, vol. 44, p. 962*)	$20,000.00	$20,000.00

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:							
Salaries and wages—		*Average—*		*Average—*		*Average—*	
Salary range, $5,200 to $6,000; average, $5,600—		*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Senior scientist		1	$5,200	1	$5,200	1	$5,200
Salary range, $3,300 to $3,900; average, $3,600—							
Associate engineer		1	3,400	1	3,400	0.9	3,300
Salary range, $3,000 to $3,600; average, $3,300—							
Associate volcanologist		1	3,100	1	3,100	0.9	3,000
Salary range, $2,400 to $3,000; average, $2,700—							
Meteorologist						0.1	2,400
Salary range, $1,860 to $2,400; average, $2,111.42—							
Senior clerk		1	2,000	1	2,000	0.9	2,000
Total average number of permanent field employees		4		4		3.8	
Total permanent salaries, field service			13,700.00		13,700.00		13,038.22
Total average number of temporary field assistants (employed locally)		3		3		3	
Total wages, temporary field assistants			2,100.00		2,100.00		2,335.63
Total average number of employees		7		7		6.8	
01 Total salaries and wages, field service			15,800.00		15,800.00		15,373.85
Supplies and materials:							
0200 Stationery and office supplies			100.00		100.00		151.84
0220 Scientific and educational supplies			50.00		50.00		56.04
0280 Sundry supplies			200.00		200.00		647.21
02 Total supplies and materials			350.00		350.00		855.09
Communication service:							
0500 Telegraph service			10.00		10.00		13.96
0510 Telephone service			50.00		50.00		61.56
05 Total communication service			60.00		60.00		75.52
06 Total travel expense			2,700.00		2,500.00		3,384.56
07 Transportation of things (service)			350.00		350.00		1,031.50
08 Photographing and making photographs and prints			50.00		50.00		76.00
10 Heat, light, and power			40.00		40.00		41.50
11 Total rents			1.00		1.00		1.00
12 Total repairs and alterations			200.00		200.00		275.02
13 Total special and miscellaneous current expenses							17.50
Equipment:							
3000 Purchase of passenger-carrying vehicles							295.30
3010 Furniture, furnishings, and fixtures			150.00		150.00		891.17
3020 Educational, scientific, and recreational equipment			274.00		200.00		1,199.75
3050 Other equipment			25.00		25.00		331.70
30 Total equipment			449.00		375.00		2,717.92
53 Miscellaneous transfers and adjustments							104.30
Unobligated balance					19,726.00		23,953.76
Reserve					274.00		1,046.24
Total			20,000.00		20,000.00		25,000.00

For continuation of the investigation of the mineral resources of Alaska, [$60,000] *$64,500*, to be available immediately, of which amount not to exceed [$26,000] *$28,000* may be expended for personal services in the District of Columbia (*U. S. C., p. 1327, sec. 31; act Jan. 12, 1927, vol. 44, p. 962*)

	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
	64,500.00	60,000.00

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:							
Salaries—							
Professional and scientific service—		*Average—*		*Average—*		*Average—*	
Grade 5, $5,200 to $6,000; average, $5,600—		*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Senior scientist (one branch chief)		2	$5,300	2	$5,300	2	$5,300
Grade 4, $3,800 to $5,000; average, $4,400—							
Scientist		2	4,400	2	4,400	2	4,300
Engineer		1	4,600	1	4,600	0.6	4,600
Grade 3, $3,000 to $3,600; average, $3,300—							
Associate engineer		1	3,500	1	3,500	1	3,500

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

General Expenses, Geological Survey—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service—Continued.						
Salaries—Continued.						
Subprofessional service—	*Average—*		*Average—*		*Average—*	
Grade 8, $2,400 to $3,000; average, $2,700—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Chief scientific illustrator	1	$2,400	1	$2,400	1	$2,400
Clerical, administrative, and fiscal service—						
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant	1	2,500	1	2,500	1	2,500
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	1	1,680	0.7	1,680	0.8	1,860
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk			0.3	1,500	0.2	1,500
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior stenographer	0.3	1,320	0.3	1,320	0.3	1,320
Total average number of employees	9.3		9.3		8.9	
Total salaries, departmental service		34,520.00		34,460.00		32,347.52
The difference between 1929 and 1928 is due to—						
Increase in force	$560					
Decrease in force	500					
Net increase	60					
Departmental service, salaries in the District of Columbia		28,000.00		26,000.00		22,919.67
Field service:						
Salaries and wages—						
Salary range, $3,800 to $5,000; average, $4,400—						
Engineer	0.4	4,800				
Salary range, $3,000 to $3,600; average, $3,300—						
Associate engineer	0.5	3,650			0.6	3,400
Associate scientist	0.2	3,000	0.2	3,000		
Salary range, $2,400 to $3,000; average, $2,700—						
Assistant engineer	0.5	2,400	0.2	2,400	0.3	2,566
Total average number of permanent field employees	1.6		0.4		0.9	
Total permanent salaries, field service		5,125.00		900.00		2,751.04
Total average number of temporary field assistants (employed locally)	15		12		11	
Total wages, temporary field assistants		7,200.00		5,600.00		5,227.89
Total average number of employees, field service	16.6		12.4		11.9	
Total salaries and wages, field service		12,325.00		6,500.00		7,978.93
The difference between 1929 and 1928 is due to increase in force, $5,825.						
01 Total personal services		46,845.00		40,960.00		40,326.45
Supplies and materials:						
0200 Stationery and office supplies		100.00		100.00		240.69
0220 Scientific and educational supplies		200.00		100.00		112.46
0280 Sundry supplies		50.00		50.00		22.75
02 Total supplies and materials		350.00		250.00		375.90
Communication service:						
0500 Telegraph service		50.00		50.00		63.24
0510 Telephone service		10.00		10.00		3.63
05 Total communication service		60.00		60.00		66.87
06 Total travel expenses		14,520.00		15,477.00		5,734.46
07 Transportation of things (service)		750.00		500.00		319.08
Printing and binding:						
0810 Lithographing, engraving, and engrossing		25.00		25.00		12.82
0830 Photographing and making photographs and prints (job work)		500.00		500.00		286.47
08 Total printing and binding		525.00		525.00		299.29
11 Total rents						5.09
12 Repairs and alterations						7.10
13 Special and miscellaneous current expenses						37.90
Equipment:						
3010 Furniture, furnishings, and fixtures		25.00		25.00		40.00
3020 Educational, scientific, and recreational equipment		350.00		300.00		279.39
3040 Livestock		750.00		1,000.00		
3050 Other equipment		325.00		225.00		
30 Total equipment		1,450.00		1,550.00		319.39
53 Miscellaneous transfers and adjustments						2,293.32
				59,322.00		49,784.76
Unobligated balance						215.24
Reserve				678.00		
Total		64,500.00		60,000.00		50,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
General Expenses, Geological Survey—Continued. For gauging streams and determining the water supply of the United States, the investigation of underground currents and artesian wells, and the preparation of reports upon the best methods of utilizing the water resources, $147,000, of which amount not to exceed [$73,000] *$70,000* may be expended for personal services in the District of Columbia, and of which $25,000 may be used to test the existence of artesian and other underground water supplies suitable for irrigation in the arid and semiarid regions by boring wells (*U. S. C., p. 1327, sec. 31; act Jan. 12, 1927, vol. 44, p. 962*)	$147,000.00	$147,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 5, $5,200 to $6,000; average, $5,600—						
Senior engineer (one branch chief)	2	$5,300	2	$5,300	1.3	$5,277
Grade 4, $3,800 to $5,000; average, $4,400—						
Engineer	4	4,100	4	4,100	3.6	3,935
Scientist	2.2	4,333	2.2	4,333	1.5	4,435
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate scientist	0.8	3,000	0.8	3,000		
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant scientist	1.6	2,550	1.6	2,550	2.9	2,534
Assistant engineer	1	2,400	1	2,500	2	2,450
Grade 1, $1,860 to $2,400; average, $2,111.42—						
Junior engineer	1	2,100	1	2,100	1.5	1,978
Clerical, administrative, and fiscal service—						
Grade 9, $3,000 to $3,600; average, $3,300—						
Senior administrative assistant					0.4	3,000
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistaut	1	2,500	1	2,500	0.8	2,400
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	2	1,930	1.5	1,930	1	1,890
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk-stenographer	3	1,800	3.5	1,815	3.2	1,855
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk-stenographer	2	1,500	1.5	1,500	1.2	1,500
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk-stenographer			0.5	1,380	0.3	1,320
Junior clerk-typist					0.3	1,320
Custodial service—						
Grade 3, $1,020 to $1,260; average, $1,140—						
Laboratory helper	1	1,080	1	1,080	0.8	1,020
Total average number of employees, departmental service	21.6		21.6		20.8	
01 Total salaries, departmental service		63,353.00		63,380.00		56,863.20
The difference between 1929 and 1928 is due to—						
Decrease in salaries	$145					
Increase in force	118					
Net decrease	27					
Departmental service, salaries in the District of Columbia		70,000.00		73,000.00		52,980.78
Field service:						
Salaries and wages—						
Salary range, $3,800 to $5,000; average, $4,400—						
Engineer	21	4,009	21	4,009	21.7	3,960
Salary range, $3,000 to $3,600; average, $3,300—						
Associate scientist	1	3,100	1	3,100	1.3	3,038
Associate engineer	13	3,238	13	3,238	11	3,109
Salary range, $2,400 to $3,000; average, $2,700—						
Assistant scientist	0.3	2,400	0.3	2,400	0.1	2,400
Assistant engineer	21	2,587	23	2,587	19.3	2,650
Salary range, $1,860 to $2,400; average, $2,100—						
Junior engineer	31	2,015	31	2,015	32.9	2,087
Senior clerk	2	2,200	2	2,200	1	2,000
Junior scientist	1	1,920	1	1,920		
Salary range, $1,680 to $2,040; average, $1,860—						
Clerk	3	1,760	3	1,760	2.2	1,727
Salary range, $1,500 to $1,860; average, $1,680—						
Assistant clerk	8	1,620	8	1,620	7.5	1,661
Total average number of permanent field employees	101.3		103.3		97	
Total permanent salaries, field service		272,385.00		277,559.00		262,651.72
Total average number of temporary field assistants (employed locally)	300		300		450	
Total wages, temporary field assistants		40,000.00		40,000.00		56,446.63
Total average number of employees, field service	401.3		403.3		547	
Total salaries and wages, field service		312,385.00		317,559.00		319,319.35
The difference between 1929 and 1928 is due to decrease in force, $5,174.						
01 Total personal services		375,738.00		380,939.00		375,961.61
Supplies and materials:						
0200 Stationery and office supplies		3,000.00		3,000.00		3,213.35
0220 Scientific and educational supplies		750.00		750.00		416.21
0280 Sundry supplies		4,000.00		4,000.00		3,135.95
02 Total supplies and materials		7,750.00		7,750.00		6,765.51

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

General Expenses, Geological Survey—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Communication service:			
0500	Telegraph service	$500.00	$500.00	$489.84
0510	Telephone service	2,000.00	2,000.00	1,801.08
0520	Other communication service			25.40
05	Total communication service	2,500.00	2,500.00	2,316.32
06	Travel expenses	79,062.00	71,281.00	75,969.53
07	Transportation of things (service)	5,000.00	5,000.00	5,787.25
	Printing and binding:			
0810	Lithographing, engraving, and engrossing	300.00	300.00	254.52
0820	Stenographic work, typewriting, and duplicating work, such as multigraphing, mimeographing (job work)	150.00	150.00	67.05
0830	Photographing and making photographs and prints	2,000.00	2,000.00	1,677.19
08	Total printing and binding	2,450.00	2,450.00	1,998.76
11	Rents	2,000.00	2,000.00	1,998.02
12	Repairs and alterations	2,500.00	2,500.00	2,210.18
13	Special and miscellaneous current expenses	2,500.00	2,500.00	2,479.19
	Equipment:			
3000	Purchase of passenger-carrying vehicles	7,500.00	7,500.00	7,165.04
3010	Furniture, furnishings, and fixtures	1,500.00	1,500.00	1,224.92
3020	Educational, scientific, and recreational equipment	15,500.00	15,500.00	16,386.43
3050	Other equipment	8,000.00	8,000.00	8,314.84
30	Total equipment	32,500.00	32,500.00	33,091.23
3210	Structures	5,000.00	5,000.00	3,695.57
5330	Miscellaneous transfers and adjustments			268.39
		517,000.00	514,420.00	512,541.56
	Less repayments	150,000.00	150,000.00	132,575.31
		367,000.00	364,420.00	379,966.25
	Less direct State payments	220,000.00	220,000.00	231,962.29
			144,420.00	148,003.96
	Unobligated balance			2,996.04
	Reserve		2,580.00	
	Total	147,000.00	147,000.00	151,000.00

For the examination and classification of lands requisite to the determination of their suitability for enlarged homesteads, stock-raising homesteads, public watering places, and stock driveways, or other uses, as required by the public land laws, [$200,000] *$180,000*, of which amount not to exceed [$130,000] *$120,000* may be expended for personal services in the District of Columbia (*U. S. C., p. 1327, sec. 31; act Jan. 12, 1927, vol. 44, p. 962*) $180,000.00 $200,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 5, $5,200 to $6,000; average, $5,600—						
Senior engineer (2 branch chiefs)	0.5	$5,400	0.5	$5,400	1.5	$5,398
Senior scientist	0.9	5,200	0.9	5,200	0.9	5,200
Grade 4, $3,800 to $5,000; average, $4,400—						
Scientist	2.5	4,050	2.5	4,050	3.2	4,116
Engineer	3	4,133	5	4,120	6.2	4,035
Attorney	1	4,000	1	4,000	1	3,900
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate scientist	7.2	3,038	7.2	3,038	9.1	3,001
Associate engineer	4.8	3,125	4.8	3,125	3.5	3,062
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant scientist	2.7	2,475	2.7	2,475	2.5	2,483
Assistant engineer					0.1	2,600
Subprofessional service—						
Grade 8, $2,400 to $3,000; average, $2,700—						
Chief engineering aid					0.8	2,554
Grade 6, $1,860 to $2,400; average, $2,111.42—						
Senior engineering draftsman	2	2,100	2	2,100	2	2,055
Grade 3, $1,320 to $1,680; average, $1,500—						
Junior engineering draftsman	4	1,515	4	1,515	4	1,500

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

General Expenses, Geological Survey—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service—Continued.						
Salaries—Continued.						
Clerical, administrative, and fiscal service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant	1	$2,500	1	$2,500	1.3	$2,480
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	2	2,100	2	2,100	2	2,100
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	5	1,824	4.8	1,824	5.1	1,780
Clerk-stenographer	3	1,740	4	1,800	4.3	1,699
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	3	1,520	3	1,540	3	1,520
Assistant clerk-stenographer					0.3	1,500
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	4	1,425	4	1,425	3.1	1,384
Junior clerk-stenographer					0.1	1,320
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	1	1,260	1	1,260	1	1,260
Custodial service—						
Grade 3, $1,020 to $1,260; average, $1,140—						
Laboratory helper					0.3	1,020
Total average number of employees, departmental service	47.6		50.4		55.3	
Total salaries, departmental service		120,168.00		130,128.00		146,465.37
The difference between 1929 and 1928 is due to—						
Decrease in force	$9,675					
Decrease in salaries	285					
Total decrease	9,960					
Departmental services, salaries in the District of Columbia		120,000.00		130,000.00		124,276.39
Field service:						
Salaries and wages—						
Salary range, $3,800 to $5,000; average, $4,400—						
Engineer	1	3,800	1.1	3,900	2	3,960
Scientist			0.1	4,000		
Salary range, $3,000 to $3,600; average, $3,300—						
Associate engineer	1	3,200	1	3,200	3.7	3,079
Associate scientist	1	3,300	0.2	3,300		
Salary range, $2,400 to $3,000; average, $2,700—						
Assistant engineer			0.3	2,400	1.3	2,487
Assistant scientist					0.8	2,400
Salary range, $1,860 to $2,400; average, $2,111.42—						
Junior engineer					0.2	2,200
Junior scientist	0.5	1,860	1	1,860	2.7	1,860
Salary range, $1,500 to $1,860; average, $1,680—						
Assistant clerk	1	1,500	1	1,500	1	1,516
Total average number of permanent field employees	4.5		4.7		11.7	
Total permanent salaries, field service		12,730.00		12,630.00		31,550.57
Total average number of temporary field assistants (employed locally)	15		18		27	
Total wages, temporary field assistants		7,000.00		8,500.00		12,597.25
Total average number of employees, field service	19.5		22.7		38.7	
Total salaries and wages, field service		19,730.00		21,130.00		44,147.82
The difference between 1929 and 1928 is due to—						
Decrease in force	$1,300					
Decrease in salaries	100					
Total decrease	1,400					
01 Total personal services		139,898.00		151,258.00		190,613.19
Supplies and materials:						
0200 Stationery and office supplies		100.00		100.00		264.89
0220 Scientific and educational supplies		100.00		100.00		176.22
0280 Sundry supplies		250.00		250.00		464.66
02 Total supplies and materials		450.00		450.00		905.77
Communication service:						
0500 Telegraph service		75.00		75.00		82.78
0510 Telephone service		100.00		100.00		146.00
0520 Other communication service						7.00
05 Total communication service		175.00		175.00		235.78
06 Travel expenses		30,027.00		34,203.00		28,634.58
07 Transportation of things (service)		3,000.00		5,000.00		5,218.62
Printing and binding:						
0810 Lithographing, engraving, and engrossing		400.00		400.00		495.81
0820 Stenographic work, typewriting, and duplicating work, such as multigraphing, mimeographing (job work)						2.85
0830 Photographing and making photographs and prints (job work)		750.00		750.00		953.43
08 Total printing and binding		1,150.00		1,150.00		1,452.09

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

General Expenses, Geological Survey—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
12	Repairs and alterations			$33.94
13	Special and miscellaneous current expenses			80.59
	Equipment:			
3000	Purchase of passenger-carrying vehicles	$1,500.00	$1,200.00	3,366.20
3010	Furniture, furnishings, and fixtures	300.00	300.00	534.37
3020	Educational, scientific, and recreational equipment	1,500.00	1,500.00	1,603.05
3040	Livestock			85.00
3050	Other equipment	2,000.00	2,000.00	2,008.97
70	Total equipment	5,300.00	5,000.00	7,597.59
53	Miscellaneous transfers and adjustments			3,587.55
		180,000.00	197,236.00	238,359.70
	Less repayments			2,524.82
			197,236.00	235,834.88
	Unobligated balance			4,165.12
	Reserve		2,764.00	
	Total	180,000.00	200,000.00	240,000.00

For engraving and printing geologic and topographic maps (*U. S. C., p. 1327, sec. 31; act Jan. 12, 1927, vol. 44, p. 962*) $90,000.00 $88,400.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 4, $3,800 to $5,000; average, $4,400—						
Cartographic engineer	2	$3,800	2	$3,800	2	$3,800
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate cartographic engineer	7	3,028	6.8	3,028	4.8	3,000
Subprofessional service—						
Grade 8, $2,400 to $3,000; average, $2,700—						
Chief lithographer	8	2,462	7.8	2,467	9.2	2,483
Grade 7, $2,100 to $2,700; average, $2,400—						
Principal lithographer	6	2,233	6.2	2,250	7	2,235
Grade 6, $1,860 to $2,400; average, $2,111.42—						
Senior lithographer	18	1,925	17.9	1,925	17.5	1,886
Grade 5, $1,680 to $2,040; average, $1,860—						
Lithographer	5	1,752	4.8	1,752	5	1,727
Grade 4, $1,500 to $1,860; average, $1,680—						
Assistant lithographer	10	1,602	10	1,602	10	1,554
Assistant laboratory mechanic	1	1,620	1	1,620	1	1,620
Grade 3, $1,320 to $1,680; average, $1,500—						
Junior lithographer	6	1,340	5.6	1,363	2.6	1,369
Grade 2, $1,140 to $1,500; average, $1,320—						
Apprentice lithographer	8	1,208	8.6	1,189	6.3	1,197
Grade 1, $900 to $1,200; average, $1,080—						
Minor apprentice lithographer	6	910	6	910	11.8	900
Clerical, administrative, and fiscal service—						
Grade 12, $5,200 to $6,000; average, $5,600—						
Senior administrative officer (chief engraver)	1	5,200	1	5,200	1	5,200
Grade 9, $3,000 to $3,600; average, $3,300—						
Senior administrative assistant	3	3,033	3	3,033	2.3	3,000
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant					0.7	2,525
Chief photographer	1	2,500	1	2,500	1	2,400
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	1	2,400	1	2,400	0.1	2,400
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk					0.9	2,400
Senior photographer	4	1,950	4	1,950	4	1,920
Grade 4, $1,680 to $2,040; average, $1,860—						
Photographer	1	1,680	1	1,680		
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	3	1,620	2.8	1,620	2.1	1,620
Assistant photographer					1	1,560
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk			0.2	1,320	0.8	1,320
Custodial service—						
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger	1	1,020	0.9	1,020		
Grade 2, $900 to $1,140; average, $1,020—						
Assistant messenger			0.1	900		
Total average number of employees	92		91.7		91.1	
01 Total salaries, departmental service		180,204.00		179,428.00		172,686.01
The difference between 1929 and 1928 is due to—						
Increase in force	$816					
Decrease in salaries	40					
Net increase	776					

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

General Expenses, Geological Survey—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Supplies and materials:			
0200 Stationery and office supplies	$30,000.00	$30,000.00	$36,163.77
0280 Sundry supplies	7,000.00	7,000.00	7,838.29
02 Total supplies and materials	37,000.00	37,000.00	44,002.06
05 Telegraph service	10.00	10.00	18.59
06 Travel expenses	50.00	50.00	38.93
07 Transportation of things (service)	100.00	100.00	127.39
Printing and binding:			
0810 Lithographing, engraving, and engrossing	100.00	100.00	198.27
0820 Stenographic work, typewriting, and duplicating work, such as multigraphing, mimeographing (job work)			3.23
0830 Photographing and making photographs and prints (job work)	300.00	250.00	307.28
08 Total printing and binding	400.00	350.00	508.78
12 Repairs and alterations	1,500.00	1,000.00	759.05
13 Total special miscellaneous current expenses	500.00	300.00	550.61
Equipment:			
3010 Furniture, furnishings, and fixtures	100.00	100.00	126.95
3020 Educational, scientific, and recreational equipment	1,500.00	1,250.00	1,645.89
3050 Other equipment	8,636.00	7,312.00	14,150.50
30 Total equipment	10,236.00	8,662.00	15,923.34
53 Miscellaneous transfers and adjustments			322.65
	230,000.00	226,900.00	234,937.41
Less repayments (detail below)	140,000.00	140,000.00	140,709.97
		86,900.00	94,227.44
Unobligated balance			2,772.56
Reserve		1,500.00	
Total	90,000.00	88,400.00	97,000.00
Repayments:			
Department of the Interior	45,000.00	45,000.00	42,177.45
U. S. Veterans' Bureau			3,175.24
Department of Commerce	4,000.00	4,000.00	2,359.56
Post Office Department	12,000.00	12,000.00	10,772.30
Department of Agriculture	34,000.00	34,000.00	31,898.53
Government Printing Office	32,000.00	32,000.00	30,245.50
Federal Power Commission	500.00	500.00	453.12
Other	12,500.00	12,500.00	19,628.27
Total	140,000.00	140,000.00	140,709.97

For preparation of the illustrations of the Geological Survey (*U. S. C., p. 1327, sec. 31; act Jan. 12, 1927, vol. 44, p. 962*) — $24,580.00 — $24,580.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate engineer (chief illustrator)	1	$3,100	1	$3,100	1	$3,000
Subprofessional service—						
Grade 8, $2,400 to $3,000; average, $2,700—						
Chief scientific illustrator	2	2,500	2	2,500	2.2	2,439
Chief engineering draftsman	1	2,500	1	2,500	1	2,500
Grade 7, $2,100 to $2,700; average, $2,400—						
Principal scientific illustrator	3	2,200	3	2,200	2.6	2,250
Grade 6, $1,860 to $2,400; average, $2,111.42—						
Senior scientific illustrator	1	1,860	1	1,860	1.6	2,014
Grade 5, $1,680 to $2,040; average, $1,860—						
Scientific illustrator	1	1,680	0.8	1,680	0.7	1,695
Grade 4, $1,500 to $1,860; average, $1,680—						
Assistant engineering draftsman	1	1,740	1	1,740	1	1,740
Clerical, administrative, and fiscal service—						
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk-stenographer	1	1,560	1	1,560	1	1,560
Total average number of employees	11		10.8		11.1	
Total salaries, departmental service		24,040		23,760		24,371

The difference between 1929 and 1928 is due to increase in force, $280.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

General Expenses, Geological Survey—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Supplies and materials:			
0200 Stationery and office supplies	$15.00	$20.00	$37.90
0220 Scientific and educational supplies	15.00	20.00	25.84
0280 Sundry supplies	10.00	10.00	16.35
02 Total supplies and materials	40.00	50.00	80.09
Printing and binding:			
0810 Lithographing, engraving, and engrossing	150.00	150.00	185.44
0830 Photographing and making photographs and prints	350.00	350.00	360.47
08 Total printing and binding	500.00	500.00	545.91
12 Repairs and alterations			1.02
30 Educational and scientific equipment			8.73
53 Miscellaneous transfers and adjustments			2.24
		24,310.00	25,009.12
Unobligated balance			570.88
Reserve		270.00	
Total	24,580.00	24,580.00	25,580.00

For the enforcement of the provisions of the acts of October 20, 1914, October 2, 1917, February 25, 1920, and March 4, 1921, and other acts, relating to the mining and recovery of minerals on Indian and public lands and naval petroleum reserves; and for every other expense incident thereto, including supplies, equipment, expenses of travel and subsistence, the construction, maintenance, and repair of necessary camp buildings and appurtenances thereto, [$303,000] *$285,000*, of which amount not to exceed $29,000 may be expended for personal services in the District of Columbia (*U. S. C., p. 1327, sec. 31; act Jan. 12, 1927, vol. 44, p. 962*) $285,000.00 $303,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
Grade 5, $5,200 to $6,000; average, $5,600—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Chief classification engineer (branch chief)	0.5	$5,400	0.5	$5,400	0.1	$5,400
Senior scientist	0.1	5,200	0.1	5,200	0.2	5,200
Senior engineer	1	5,200	1	5,200	1	5,200
Grade 4, $3,800 to $5,000; average, $4,400—						
Engineer	1	3,800	1	3,800	1.4	3,857
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate engineer	1	3,200	1	3,200	1.5	3,039
Subprofessional service—						
Grade 6, $1,860 to $2,400; average, $2,111.42—						
Senior engineering draftsman	1	1,920	1	1,920	1	1,860
Clerical, administrative, and fiscal service—						
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	1	2,300	1	2,300	0.5	2,200
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	1	1,920	1	1,920	1.5	1,973
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk-stenographer	1	1,740	1	1,740	0.2	1,680
Grade 3, $1,500 to $1,860; average, $1,680—						
Senior stenographer	1	1,560	1	1,560	1.8	1,533
Assistant clerk-stenographer	2	1,710	2	1,710	2	1,710
Total average number of employees	10.6		10.6		11.2	
Total salaries, departmental service		28,193.00		28,193.00		28,994.84
Departmental service, salaries in the District of Columbia		29,000.00		29,000.00		26,698.12
Field service:						
Salaries and wages—						
Salary range, $5,200 to $6,000; average, $5,600—						
Supervisor	2	5,266	2	5,266	1	5,200
Salary range, $3,800 to $5,000; average, $4,400—						
Engineer	10.4	4,020	10.3	4,030	10.1	4,018
Salary range, $3,300 to $3,900; average, $3,600—						
Coal mining assistant	0.3	3,700	1	3,700	1	3,700
Associate mining engineer	0.3	3,000	0.3	3,000	0.2	3,600
Chief guager					0.2	3,600
Supervising driller			0.5	3,600	0.5	3,600
Salary range, $3,000 to $3,600; average, $3,300—						
Metal mining assistant					1	3,000
Accountant and auditor	1	3,600	1	3,600	1	3,600
Associate engineer	17.2	3,078	17	3,078	14	3,026

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

General Expenses, Geological Survey—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Field service—Continued.			
Salaries and wages—Continued.	*Average—*	*Average—*	*Average—*
	No. *Salary*	*No.* *Salary*	*No.* *Salary*
Salary range, $2,400 to $3,000; average, $2,700—			
Petroleum accountant	0.8 $2,800	0.8 $2,800	0.8 $2,700
Assistant chemist	0.8 2,500	0.8 2,500	0.7 2,400
Oil gauger			0.3 2,626
Assistant engineer	8.8 2,440	8.8 2,440	8.8 2,424
Salary range, $2,100 to $2,700; average, $2,400—			
Principal clerk	2 2,166	2 2,166	2 2,100
Petroleum accountant	0.2 2,600	0.2 2,600	0.3 2,500
Senior engineering draftsman			0.5 2,100
Oil gauger	0.4 2,400	0.4 2,400	1.3 2,364
Salary range, $1,860 to $2,400; average, $2,100—			
Mechanic	0.8 2,200	0.8 2,200	0.8 2,062
Junior engineer	2.2 1,860	2.1 1,860	0.4 1,961
Senior clerk	4 1,895	3.5 1,895	2.5 1,874
Salary range, $1,680 to $2,040; average, $1,860—			
Engineering draftsman	0.2 1,740	0.2 1,740	0.2 1,680
Clerk	7.6 1,755	6.8 1,755	7.5 1,690
Salary range, $1,500 to $1,860; average, $1,680—			
Assistant engineering draftsman	1.8 1,650	1.8 1,650	1.7 1,576
Assistant clerk	15.1 1,567	11.6 1,567	11.4 1,544
Janitor	0.2 1,560	0.2 1,560	0.3 1,320
Salary range, $1,320 to $1,680; average, $1,500—			
Junior clerk			0.3 1,667
Janitor and unskilled laborer	1 1,320	1 1,320	1 1,440
Salary range, $1,140 to $1,500; average, $1,320—			
Underclerk			0.2 1,200
Total average number of permanent field employees	77.1	76.1	70
Total salaries and wages, field service	195,773.00	195,369.00	179,009.85
Deduct allowance value of subsistence, lodging, etc., furnished	2,400.00	2,400.00	2,484.68
Cash payment, salaries and wages	193,373.00	192,969.00	176,525.17
The difference between 1929 and 1928 is due to—			
Increase in force	$506		
Decrease in salaries	102		
Net increase	404		
01 Total personal services	221,566.00	221,162.00	205,520.01
Supplies and materials:			
0200 Stationery and office supplies	2,500.00	3,000.00	3,995.96
0220 Scientific and educational supplies	500.00	500.00	724.63
0280 Sundry supplies	500.00	500.00	1,130.37
02 Total supplies and materials	3,500.00	4,000.00	5,850.96
Communication service:			
0500 Telegraph service	400.00	500.00	536.26
0510 Telephone service	1,800.00	1,800.00	1,894.03
0520 Other communication service			42.10
05 Total communication service	2,200.00	2,300.00	2,472.39
06 Travel expenses	34,884.00	45,662.00	42,586.52
07 Transportation of things (service)	1,000.00	1,000.00	1,370.38
Printing and binding:			
0810 Lithographing, engraving, and engrossing	100.00	100.00	192.95
0820 Stenographic work, typewriting, and duplicating work, such as multigraphing and mimeographing (job work)			11.60
0830 Photographing and making photographs and prints	500.00	500.00	554.08
08 Total printing and binding	600.00	600.00	758.63
10 Furnishing of heat, light, power, water, and electricity (service)	2,000.00	2,000.00	2,116.83
11 Rents	5,000.00	5,000.00	5,151.00
12 Repairs and alterations	250.00	250.00	1,024.89
13 Special and miscellaneous current expenses	3,000.00	5,000.00	7,607.34
Equipment:			
3000 Purchase of passenger-carrying vehicles	8,500.00	8,500.00	9,070.10
3010 Furniture, furnishings, and fixtures	1,000.00	1,000.00	1,554.40
3020 Educational, scientific, and recreational equipment	500.00	750.00	1,266.27
3050 Other equipment	1,000.00	1,500.00	2,406.56
30 Total equipment	11,000.00	11,750.00	14,297.33
53 Miscellaneous transfers and adjustments			1,372.74
		298,724.00	290,129.02
Unobligated balance			21,870.98
Reserve		4,276.00	
Total	285,000.00	303,000.00	312,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
General Expenses, Geological Survey—Continued.		
During the fiscal year [1928] *1929* the head of any department or independent establishment of the Government having funds available for scientific and technical investigations and requiring cooperative work by the Geological Survey on scientific and technical investigations within the scope of the functions of that bureau and which it is unable to perform within the limits of its appropriations may, with the approval of the Secretary of the Interior, transfer to the Geological Survey such sums as may be necessary to carry on such investigations. The Secretary of the Treasury shall transfer on the books of the Treasury Department any sums which may be authorized hereunder, and such amounts shall be placed to the credit of the Geological Survey for the performance of work for the department or establishment from which the transfer is made: *Provided*, That any sums transferred by any department or independent establishment of the Government to the Geological Survey for cooperative work in connection with this appropriation may be expended in the same manner as sums appropriated herein may be expended.		
[In carrying on work involving cooperation with any State, Territory, or political subdivision thereof, the amounts received by the Geological Survey from any State, Territory, or political subdivision thereof shall be used to reimburse the appropriation from which the the expense of such work is paid.]		
Appropriations herein made shall be available for payment of the costs of packing, crating, and transportation (including drayage) of personal effects of employees upon permanent change of station, under regulations to be prescribed by the Secretary of the Interior.		
Total, United States Geological Survey	$1,766,080.00	$1,807,880.00
NATIONAL PARK SERVICE		
National Park Service—		
For the Director of the National Park Service and other personal services in the District of Columbia in accordance with the classification act of 1923, *including accounting services in checking and verifying the accounts and records of the various operators, licensees, and permittees conducting utilities and other enterprises within the national parks and monuments (U. S. C., p. 389, sec. 1; act Jan. 12, 1927, vol. 44, p. 963)*	66,400.00	57,100.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Clerical, administrative, and fiscal service—	*Average*—		*Average*—		*Average*—	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 13, $6,000 to $7,500; average, $6,750—						
Executive officer (director)	1	$7,500	1	$7,500	1	$7,000
Grade 12, $5,200 to $6,000; average, $5,600—						
Senior administrative officer (assistant director)	1	5,400	1	5,400	1	5,200
Grade 11, $3,800 to $5,000; average, $4,400—						
Administrative officer (assistant to director)	1	3,800	1	3,800		
Assistant chief investigator	1	4,200			0.3	3,800
Grade 10, $3,300 to $3,900; average, $3,600—						
Junior administrative officer (assistant in operations and public relations)					0.5	3,300
Junior administrative officer	1	3,300				
Grade 9, $3,000 to $3,600; average, $3,300—						
Senior administrative assistant (assistant in operations and public relations)					0.5	3,300
Investigator	0.5	3,200			0.3	3,100
Grade 8, $2,700 to $3,300; average, $3,000—						
Administrative assistant (chief clerk)	1	3,100	1	3,100	1	3,000
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant (accountant)	0.7	2,800	0.7	2,800	1	2,700
Associate editor	1	2,600	1	2,600	0.7	2,475
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	1	2,300	1	2,300	1.3	2,250
Principal clerk-stenographer	1	2,300	1	2,300	1	2,250
Grade 5, $1,860 to $2,400; average, $2,100—						
Senior clerk	1.7	2,060	1.7	2,028	2	1,945
Senior clerk-stenographer	1	1,920	1	1,920	1	1,860
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	1	1,800	1	1,800	1	1,740
Clerk-stenographer	2	1,800	1	1,860	1	1,860
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk-stenographer	2	1,620	2	1,620	2	1,560
Senior stenographer	1.7	1,608	1.7	1,608	1	1,590
Assistant clerk	3	1,540	2	1,660	1.1	1,537
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	1	1,380	1	1,320	1.3	1,384
Junior clerk-stenographer	1	1,320	1	1,320	1	1,500
Professional and scientific service—						
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate attorney			1	3,100	1	3,000
Subprofessional service—						
Grade 8, $2,400 to $3,000; average, $2,700—						
Chief engineering draftsman	1	2,400	1	2,400	1	2,400
Grade 4, $1,500 to $1,860; average, $1,680—						
Assistant engineering draftsman	0.5	1,500	0.5	1,500		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

National Park Service—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Departmental service—Continued.			
Salaries—Continued.			
Custodial service—			
Grade 3, $1,020 to $1,260; average, $1,140—	*Average*—	*Average*—	*Average*—
Messenger	No. 1 Salary $1,200	No. 1 Salary $1,200	No. 1 Salary $1,140
Total average number of employees	27.1	23.6	23
01 Total salaries, departmental service	66,400.00	56,600.00	55,678.63
The difference between 1929 and 1928 is due to—			
Increase in force	$8,980		
Increase in salaries	320		
Total increase	9,300		
Unobligated balance			1.37
Reserve		500.00	
Total	66,400.00	57,100.00	55,680.00

Accounting Services, National Park Service—

[For compensation for accounting services in the District of Columbia or in the field in checking and verifying the accounts and records of the various operators, licensees, and permittees conducting utilities and other enterprises within the national parks and monuments, including necessary travel and incidental expenses while absent from their designated headquarters] (*act Jan. 12, 1927, vol. 44, p. 963*) $6,000.00

	Estimated expenditures, 1928 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Departmental service:			
Salaries—			
Clerical, administrative, and fiscal service—	*Average*—	*Average*—	*Average*—
Grade 11, $3,800 to $5,000; average, $4,400—	No. Salary	No. Salary	No. Salary
Assistant chief investigator		0.5 $4,200	
Grade 9, $3,000 to $3,600; average, $3,300—			
Investigator (accountant and auditor)		0.5 3,200	
Total average number of employees		1	
Total salaries, departmental service		3,700	
The difference between 1929 and 1928 is due to decrease in force, $3,700.			
06 Travel expense		1,800	
		5,500	
Reserve		500	
Total		6,000	

Crater Lake National Park—

Crater Lake National Park, Oregon: For administration, protection, and maintenance, including not exceeding [$1,000] *$1,800* for the purchase, maintenance, operation, and repair of motor-driven passenger-carrying vehicles for the use of the superintendent and employees in connection with general park work, [$34,190] *$37,500*; for construction of physical improvements, [$29,400] *$9,600*, of which not exceeding [$5,700] *$3,000* shall be available for a [residence for the superintendent] *warehouse*, to be constructed in Medford, Oregon, on a site donated therefor, [$5,200] *$4,400* for construction of two [comfort stations] *employees' cottages, and* [$1,600] *$2,200* for [an employees'] *a checking station and* cabin, [and $2,600 for a barn]; in all (*U. S. C., p. 399, sec. 121; act Jan. 12, 1927, vol. 44, p. 963*) $47,100.00 63,590.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Field service:			
Salaries and wages—	*Average*—	*Average*—	*Average*—
Salary range, $3,300 to $3,900; average, $3,600—	No. Salary	No. Salary	No. Salary
Superintendent	1 $3,600	1 $3,600	1 $3,500
Salary range, $2,100 to $2,700; average, $2,400—			
Chief clerk and special disbursing agent	1 2,200	1 2,100	1 2,040
Salary range, $1,860 to $2,400; average, $2,100—			
Mechanic	1 1,860		
Salary range, $1,680 to $2,040; average, $1,860—			
Ranger	1 1,980	1 1,920	1 1,860

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Crater Lake National Park—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Field service—Continued.			
	Salaries and wages—Continued.	*Average—*	*Average—*	*Average—*
	Salary range, $1,500 to $1,860; average, $1,680—	*No.* *Salary*	*No.* *Salary*	*No.* *Salary*
	Stenographer-typist	1 $1,620	1 $1,680	1 $1,620
	Ranger-naturalist	0.2 1,680	0.2 1,680	0.2 1,680
	Salary range, $1,320 to $1,680; average, $1,500—			
	Ranger	2 1,500	2 1,500	1.7 1,500
	Total average number of employees	7.2	6.2	5.9
	Total salaries and wages, field service	14,596.00	12,636.00	11,565.77
	The difference between 1929 and 1928 is due to—			
	Increase in force	$1,860		
	Increase in salaries	100		
	Total increase	1,960		
	Deduct allowance value of quarters furnished	1,020.00	885.00	1,065.00
	Cash payment, salaries and wages	13,576.00	11,751.00	10,500.77
	Miscellaneous and temporary labor	16,000.00	17,500.00	17,373.00
		29,576.00	29,251.00	27,873.77
	Deduct expenditures for personal services included in objects named below	16,201.00	17,896.00	17,373.00
01	Total personal services	13,375.00	11,355.00	10,500.77
	Supplies and materials:			
0200	Stationery and office supplies	300.00	300.00	253.04
0210	Medical supplies	50.00	60.00	37.63
0230	Fuel	500.00	150.00	97.71
0250	Forage	100.00	100.00	7.50
0280	Sundry supplies	255.00	255.00	234.83
02	Total supplies and materials	1,205.00	865.00	630.71
	Communication service:			
0500	Telegraph service	125.00	125.00	130.24
0510	Telephone service	200.00	100.00	200.00
05	Total communication service	325.00	225.00	330.24
06	Travel expenses	550.00	500.00	994.38
07	Transportation of things	300.00	300.00	199.68
08	Lithographing, engraving, and engrossing	600.00	600.00	195.28
10	Furnishing heat, light, and water	240.00		
11	Rents	100.00	100.00	125.13
	Repairs and alterations:			
1200	Buildings	1,900.00	1,800.00	1,548.00
1201	Grounds	500.00	500.00	349.10
1210	Roads	7,730.00	8,890.00	10,149.90
1211	Trails	910.00	500.00	335.20
1213	Telephone system	875.00	875.00	522.22
1220	Water system	800.00	650.00	347.01
1280	Machinery and equipment	2,000.00	1,500.00	1,699.39
	Passenger vehicles	100.00	100.00	99.08
12	Total repairs and alterations	15,650.00	14,815.00	15,049.90
	Special and miscellaneous current expenses:			
1327	Contingencies	215.00	215.00	
1387	Operation of passenger vehicles	900.00	900.00	294.28
1388	Sanitation and garbage disposal	850.00	850.00	734.12
1389	Wood for camp grounds	730.00	730.00	760.24
13	Total special and miscellaneous current expenses	2,695.00	2,695.00	1,788.64
	Equipment:			
3000	Passenger-carrying vehicles	900.00		1,206.00
3010	Furniture, furnishings, and fixtures	570.00	570.00	560.72
3020	Educational and scientific	175.00	175.00	127.90
3050	Other equipment	1,650.00	1,650.00	1,596.40
30	Total equipment	3,295.00	2,395.00	3,491.02
	Structures and parts:			
3211	Warehouse at Medford	3,000.00		
	Employees' cottages (2)	4,400.00		
	Checking station and cabin, Anna Springs	2,200.00		
	Superintendent's residence, Medford		5,700.00	
	Employee's cabin		1,600.00	
	Barn at Government camp		2,600.00	
	Comfort station at Lake		3,000.00	
	Comfort station at Government camp		2,200.00	
	Warehouse			2,980.39
	Lookout station, Mount Scott			798.63
3213	Extension of pumping plant, camp grounds		14,000.00	
32	Total structures and parts	9,600.00	29,100.00	3,779.02
			62,950.00	37,084.77
	Unobligated balance			75.23
	Reserve		640.00	
	Total	47,100.00	63,590.00	37,160.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
General Grant National Park—		
General Grant National Park, California: For administration, protection, and maintenance, [$13,650] *$15,650, including $2,000 for a garbage incinerator (U. S. C., p. 392, sec. 45; act Jan. 12, 1927, vol. 44, p. 963)*	$15,650.00	$13,650.00

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Field service:						
	Salaries and wages—	*Average—*		*Average—*		*Average—*	
	Salary range, $1,800 to $2,400; average, $2,100—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Chief ranger	1	$2,220	1	$2,220	1	$2,100
	Salary range, $1,500 to $1,800; average, $1,680—						
	Park ranger	1.6	1,800	1.6	1,800	1.7	1,681
	Salary range, $1,320 to $1,680; average, $1,500—						
	Park ranger	1.3	1,530	1.3	1,530	0.5	1,440
	Total average number of employees	3.9		3.9		3.2	
	Total salaries and wages, field service		7,089.00		7,089.00		5,678.00
	Deduct allowance value of quarters furnished		765.00		765.00		591.00
	Cash payment, salaries and wages		6,324.00		6,324.00		5,087.00
	Miscellaneous and temporary labor		5,000.00		5,000.00		4,193.67
			11,324.00		11,324.00		9,280.67
	Deduct expenditures for personal services included in objects named below		4,824.00		4,824.00		3,851.39
01	Total personal services		6,500.00		6,500.00		5,429.28
	Supplies and materials:						
0200	Stationery and office supplies		30.00		30.00		30.86
0230	Fuel		380.00		380.00		364.09
0250	Forage and other supplies for animals		80.00				
0280	Sundry supplies		160.00		240.00		131.32
02	Total supplies and materials		650.00		650.00		526.27
	Communication service:						
0500	Telegraph service		20.00		20.00		15.00
0510	Telephone service		20.00		20.00		14.95
05	Total communication service		40.00		40.00		29.95
06	Travel expenses		200.00		200.00		105.00
07	Transportation of things		75.00		75.00		4.61
08	Lithographing, engraving and engrossing						39.14
	Repairs and alterations:						
1200	Buildings		500.00		500.00		423.36
1201	Grounds		210.00		210.00		280.35
1210	Roads		675.00		645.00		245.86
1211	Trails		150.00		150.00		
1212	Electric system		200.00		200.00		161.15
1213	Telephone system		100.00		100.00		194.00
1220	Water system		750.00		750.00		678.28
	Sewer system		1,050.00		750.00		1,931.69
1280	Machinery and equipment		650.00		650.00		208.44
12	Total repairs and alterations		4,285.00		3,955.00		4,123.13
	Special and miscellaneous current expenses:						
1327	Contingencies		100.00				
1382	Museum and information service		60.00		60.00		30.00
1388	Sanitation and garbage disposal		1,200.00		1,500.00		986.62
13	Total special and miscellaneous current expenses		1,360.00		1,560.00		1,016.62
30	Equipment		540.00		540.00		94.46
	Structures and parts:						
3211	Garbage incinerator		2,000.00				
3211	Construction temporary ranger cabin						912.61
32	Total structures and parts		2,000.00				912.61
					13,520.00		12,281.07
	Unobligated balance						18.93
	Reserve				130.00		
	Total		15,650.00		13,650.00		12,300.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Glacier National Park—		
Glacier National Park, Montana: For administration, protection, and maintenance, including necessary repairs to the roads from Glacier Park Station through the Blackfeet Indian Reservation to various points in the boundary line of the Glacier National Park and the international boundary, including not exceeding $2,900 for the purchase, maintenance, operation, and repair of horse-drawn and motor-driven passenger-carrying vehicles for the use of the superintendent and employees in connection with general park work, *including $10,000 for fire prevention,* [$149,700] *$163,200*; for construction of physical improvements, [$13,600] *$25,000*, including not exceeding [$4,500] *$18,500* for the construction of buildings, of which not exceeding [$2,500] *$3,000* shall be available for a residence for the chief [clerk] *ranger, $2,200 for a ranger station, $5,000 for a warehouse, and $5,000 for fire caches*; in all (*U. S. C., p. 402, sec. 161; act Jan. 12, 1927, vol. 44, p. 963*)	$188,200.00	$163,300.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $3,800 to $5,000; average, $4,400—						
Superintendent	1	$4,800	1	$4,800		
Chief landscape engineer	0.2	3,800	0.2	3,800	0.2	$3,800
Salary range, $3,300 to $3,900; average, $3,600—						
Superintendent					1	3,700
Salary range, $3,000 to $3,600; average, $3,300—						
Engineer	1	3,300	1	3,300	1	3,300
Associate landscape engineer	0.2	3,000	0.2	3,000	0.2	3,000
Salary range, $2,400 to $3,000; average, $2,700—						
Assistant superintendent	1	2,600	1	2,600	1	2,600
Assistant landscape engineer	0.2	2,400	0.2	2,400	0.2	2,400
Chief ranger	1	2,600	1	2,600	1	2,600
Salary range, $2,100 to $2,700; average, $2,400—						
Chief clerk	1	2,350	1	2,350	1	2,300
Salary range, $1,860 to $2,400; average, $2,100—						
First assistant chief ranger	2	2,200	2	2,200	2	2,175
Forester	1	2,100	1	2,100		
Mechanic	1	2,040	1	2,040	1	2,040
Master mechanic	1	2,100	1	2,100		
Salary range, $1,680 to $2,040; average, $1,860—						
General foreman					1	1,980
Carpenter	1	1,950	1	1,950	1	1,920
Salary range, $1,500 to $1,860; average, $1,680—						
Stenographer-typist	1	1,740	1	1,740	1	1,710
Clerk	2	1,740	2	1,740	1.5	1,740
Clerk-typist	1	1,530	1	1,530	1.5	1,560
Ranger	18.3	1,685	17.3	1,685	17.3	1,673
Machanic's helper	1	1,740	1	1,740	1	1,740
Salary range, $1,320 to $1,680; average, $1,500—						
Hostler and teamster	1	1,560	1	1,560	1	1,560
Foreman of laborers	1	1,590	1	1,590	1	1,560
Total average number of employees	36.9		35.9		34.9	
Total salaries and wages, field service		72,556.00		70,871.00		67,093.00
The difference between 1929 and 1928 is due to increase in force, $1,685.						
Deduct allowance value of quarters furnished		7,045.00		6,865.00		6,495.00
Cash payment, salaries and wages		65,511.00		64,006.00		60,598.00
Miscellaneous and temporary labor		70,000.00		70,000.00		68,999.64
		135,511.00		134,006.00		129,597.64
Deduct expenditures for personal services included in objects named below		84,661.00		84,656.00		80,212.00
01 Total personal services		50,850.00		49,350.00		49,385.64
Supplies and materials:						
0200 Stationery and office supplies		500.00		500.00		424.36
0210 Medical supplies		80.00		80.00		.75
0220 Scientific and educational supplies		50.00		50.00		
0230 Fuel		2,500.00		2,500.00		2,534.86
0250 Forage		1,500.00		1,500.00		1,751.77
0260 Provisions		500.00		500.00		654.03
0280 Sundry supplies		750.00		750.00		692.89
0290 Materials		75.00		75.00		83.28
02 Total supplies and materials		5,955.00		5,955.00		6,141.94
03 Subsistence of persons		100.00		100.00		143.72
04 Subsistence of animals		150.00		150.00		163.63
Communication service:						
0500 Telegraph service		100.00		100.00		160.41
0510 Telephone service		25.00		25.00		37.55
05 Total communication service		125.00		125.00		197.96

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Glacier National Park—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
06	Travel expense	$1,500.00	$1,500.00	$1,412.17
07	Transportation of things	1,200.00	1,200.00	1,558.93
08	Lithographing, engraving, and engrossing	100.00	100.00	71.05
10	Furnishing heat, light, and water	250.00	250.00	354.80
11	Rents	1,900.00	400.00	295.50
	Repairs and alterations:			
1200	Buildings	4,000.00	4,000.00	4,495.64
1201	Grounds	1,000.00	1,000.00	453.87
1210	Roads, east side	22,500.00	22,240.00	17,315.22
	Roads, west side	15,000.00	14,500.00	11,455.06
1211	Trails	12,000.00	12,000.00	11,973.63
1213	Telephone system	3,500.00	3,200.00	2,830.57
1220	Water system	2,000.00	2,000.00	1,851.25
1280	Machinery and equipment	6,000.00	5,500.00	4,957.60
	Passenger vehicles	620.00	1,200.00	976.66
1290	Miscellaneous repairs	500.00	500.00	768.55
12	Total repairs and alterations	67,120.00	66,140.00	57,078.05
	Special and miscellaneous current expenses:			
1327	Contingencies	500.00	426.00	
1382	Museum and information service	100.00	100.00	13.03
1383	Fish and game propagation	2,500.00	1,200.00	2,181.68
1386	Control of predatory animals	50.00	50.00	
1387	Operation of passenger vehicles	1,000.00	1,000.00	424.68
1388	Sanitation and garbage disposal	3,000.00	2,500.00	1,630.73
1389	Wood for camp grounds	500.00	500.00	30.80
1397	Plans, maps, and surveys	1,500.00	1,500.00	1,132.67
1398	Fire prevention	10,000.00	200.00	513.22
1399	Fighting forest fires			11,759.29
1451	Ranch operation	200.00	200.00	
1776	Operation of sawmill		2,000.00	
13	Total special and miscellaneous current expenses	19,350.00	9,676.00	17,686.10
	Equipment:			
3000	Passenger-carrying vehicles	1,200.00	700.00	
3010	Furniture, furnishings, and fixtures	1,000.00	1,000.00	1,092.06
3020	Scientific and educational equipment	400.00	420.00	
3050	Other equipment	12,000.00	11,000.00	15,415.68
30	Total equipment	14,600.00	13,120.00	16,507.74
	Structures and parts:			
3211	Duplex apartments			3,999.85
	Snowshoe cabins, $400 to $600			1,197.40
	Snowshoe cabins, $600 to $700	2,000.00		
	Bunkhouse at headquarters			1,489.19
	Messhouse at headquarters			1,638.55
	Residence for chief clerk at park headquarters		2,500.00	
	Completion Belly River ranger station		700.00	
	Chief ranger's residence at park headquarters	3,000.00		
	Summer ranger station at Sun Camp	2,200.00		
	Woodsheds (7, at $150)	1,050.00		
	Woodsheds (2, at $125)	250.00		
	Warehouse at park headquarters	5,000.00		
	Concrete washing floor, drainage and cesspool for garage at park headquarters		500.00	
	Equipment shed		1,000.00	
	Icehouse at Glacier Park administrative site		300.00	
	Fire equipment caches	5,000.00		
3212	Telephone lines			1,828.07
	Gasoline storage tanks (2)		1,600.00	
	Fence at Glacier Park administrative site		500.00	
3221	Grading and drainage of grounds at administrative site, Glacier Park	500.00		
3226	Camp ground development	6,000.00	6,000.00	4,970.08
	Miscellaneous construction		500.00	992.86
32	Total structures and parts	25,000.00	13,600.00	16,116.00
	Unobligated balance		161,666.00	167,113.23
	Reserve			631.77
			1,634.00	
	Total	188,200.00	163,300.00	167,745.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Grand Canyon National Park—		
Grand Canyon National Park, Arizona: For administration, protection, and maintenance, including not exceeding [$1,200] *$2,100* for the purchase, maintenance, operation, and repair of motor-driven passenger-carrying vehicles for the use of the superintendent and employees in connection with general park work, [$110,760] *$113,460*; for construction of physical improvements, [$18,000] *$34,540*, including not exceeding [$5,000] *$24,700* for the construction of buildings, of which not exceeding [$1,800] *$1,700* shall be available for a [caretaker's cabin at sewage purification plant] *checking station, and $18,000 for an administration building*; in all (*U. S. C., p. 408, sec. 221; act Jan. 12, 1927, vol. 44, p. 963*)	$148,000.00	$128,760.00
The amount of $1,800 for the construction of a caretaker's cabin at sewage purification plant, at Grand Canyon National Park, contained in the act making appropriations for the Department of the Interior for the fiscal year ending June 30, 1928, approved January 12, 1927, is hereby made available until June 30, 1929, for the construction of an employee's cottage in the Grand Canyon village site.		

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
Salary range, $3,800 to $5,000; average, $4,400—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Superintendent	1	$4,200	1	$4,200	1	$4,600
Salary range, $3,000 to $3,600; average, $3,300—						
Park engineer	1	3,300	1	3,300	1	3,300
Chief park naturalist	0.2	3,000	0.2	3,000	0.2	3,000
Salary range, $2,700 to $3,300; average, $3,000—						
Park sanitary engineer	1	3,000				
Salary range, $2,400 to $3,000; average, $2,700—						
Assistant superintendent and special disbursing agent	1	2,700	1	2,700	1	2,700
Salary range, $2,100 to $2,700; average, $2,400—						
Chief ranger	1	2,400	1	2,400	1	2,400
Assistant chief ranger	1	2,100	1	2,100	1	2,100
Park naturalist	1	2,100	1	2,100	0.4	2,100
Salary range, $1,860 to $2,400; average, $2,100—						
Clerk, accounting	1	2,040	1	2,040	1	2,040
Clerk, purchasing	1	1,980	1	1,980	1	1,980
Salary range, $1,680 to $2,040; average, $1,860—						
Mechanic	1	1,860	1	1,860	1	1,860
Carpenter	1	1,800	1	1,800	1	1,800
Clerk, general	1	1,680	1	1,680		
Salary range, $1,500 to $1,860; average, $1,680—						
Levelman			0.8	1,680	1	1,680
Ranger	6	1,660	5	1,656	3	1,660
Salary range, $1,320 to $1,680; average, $1,500—						
Clerk-stenographer	1	1,500	1	1,500	1	1,500
Clerk-timekeeper	1	1,500	1	1,500	0.7	1,500
Clerk-warehouseman	1	1,500	1	1,500	0.7	1,500
Ranger	2	1,620	2	1,620	3	1,620
Total average number of employees	23.2		22		19	
Total salaries and wages, field service		47,460.00		44,124.00		39,321.67
The difference between 1929 and 1928 is due to increase in force, $3,336.						
Deduct allowance value of quarters furnished		3,590.00		3,410.00		3,140.00
Cash payment, salaries, and wages		43,870.00		40,714.00		36,181.67
Miscellaneous and temporary labor		60,000.00		60,000.00		61,990.10
		103,870.00		100,714.00		98,171.77
Deduct expenditures for personnal services included in objects named below		67,450.00		65,794.00		69,821.40
01 Total personal services		36,420.00		34,920.00		28,350.37
Supplies and materials:						
0200 Stationery and office supplies		350.00		400.00		511.79
0210 Medical supplies		100.00		100.00		24.82
0230 Fuel		3,500.00		3,500.00		2,924.31
0250 Forage		2,500.00		2,500.00		2,450.68
0260 Provisions		250.00		250.00		214.83
0280 Sundry supplies		535.00		620.00		470.80
0290 Materials		300.00		400.00		299.47
02 Total supplies and materials		7,535.00		7,770.00		6,896.70
03 Subsistence of persons		60.00		60.00		
04 Subsistence of animals		50.00		50.00		45.75
Communication service:						
0500 Telegraph service		240.00		250.00		246.20
0510 Telephone service		25.00		50.00		25.00
0520 Other communication service		10.00		10.00		10.00
05 Total communication service		275.00		310.00		281.20
06 Travel expense		1,000.00		1,215.00		2,107.01
07 Transportation of things		500.00		500.00		845.29
08 Lithographing, engraving, and engrossing		100.00				114.95
10 Furnishing heat, light, and water		3,800.00		3,600.00		5,259.69
11 Rents		100.00		100.00		390.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Grand Canyon National Park—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Repairs and alterations:			
1200	Buildings	$4,000.00	$4,000.00	$3,484.53
1201	Grounds	1,000.00	1,000.00	2,133.97
1210	Roads, South Rim	17,000.00	16,300.00	16,800.40
	North Rim	4,000.00	4,000.00	3,146.01
1211	Trails	10,500.00	10,500.00	10,338.07
1213	Telephone system	1,000.00	1,000.00	970.65
1220	Water and sewer systems	2,200.00	2,200.00	602.25
1250	Fences	300.00	300.00	13.50
1280	Machinery and equipment	5,550.00	5,550.00	4,231.79
	Passenger vehicles	300.00	300.00	271.80
12	Total repairs and alterations	45,850.00	45,150.00	41,992.97
	Special and miscellaneous current expenses:			
1327	Contingencies	300.00		
1383	Fish and game propagation	500.00	500.00	269.50
1386	Control of predatory animals	300.00	300.00	134.99
1387	Operation of passenger vehicles	600.00	600.00	627.53
1388	Sanitation and garbage disposal	4,670.00	4,200.00	4,706.33
1389	Wood for camp grounds	500.00	500.00	278.05
	Water for camp grounds	500.00	500.00	329.45
1397	Plans, maps, and surveys	400.00	400.00	111.32
13	Total special and miscellaneous current expenses	7,770.00	7,000.00	6,457.17
	Equipment:			
3000	Passenger-carrying vehicles	1,200.00		1,100.00
3010	Furniture, furnishings, and fixtures	500.00	500.00	1,235.69
3020	Scientific and educational	300.00	300.00	184.26
3050	Other equipment	8,000.00	8,000.00	6,110.38
30	Total equipment	10,000.00	8,800.00	8,630.33
	Structures and parts—			
3211	Checking station, North Rim	1,700.00		
	Cabin at headquarters for female clerks	1,500.00		
	Comfort station, North Rim (2)	1,000.00		
	Administration building	18,000.000		
3211	Blacksmith shop		1,000.00	
	Garage for above		200.00	
	Cabin at Desert View		1,000.00	
	Rest house at tip-off		1,000.00	
	Duplex quarters			2,972.17
	Warehouse			5,495.97
	Ranger cabin, Halfway House			1,493.55
	Barn and storehouse for above			1,468.67
	Cabin for trail crews (2)			2,555.83
	Powder magazine			1,466.10
3212	Wiring and rewiring residential and industrial area	1,000.00		
	Telephone line	770.00		
3213	Water development, North Rim entrance	500.00		
	Extension of sewer system, residential and and industrial areas	1,000.00		
	Extension of sewer system, camp grounds, South Rim	1,200.00		
	Extension of water system, camp grounds, South Rim	800.00		
	Permanent water lines to camp grounds, South Rim	1,350.00		
	Water development at sewage plant		1,500.00	
	Water development at Desert View camp grounds		3,000.00	
	Water lines and fire plugs at headquarters		1,000.00	
	Sewage mains at headquarters		1,000.00	
	Water and sewer systems			9,933.66
3226	Camp grounds	5,720.00	6,500.00	2,500.00
32	Total structures and parts	34,540.00	16,200.00	27,916.95
	Unobligated balance		125,675.00	129,288.38
	Reserve			2,711.62
			3,085.00	
	Total	148,000.00	128,760.00	132,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Hawaii National Park—		
Hawaii National Park: For administration, protection, maintenance, and improvement, including not exceeding [$600] *$1,700* for the *purchase*, maintenance, operation, and repair of motor-driven passenger-carrying vehicles for the use of the superintendent and employees in connection with general park work, and including not exceeding [$3,000] *$2,250* for the construction of buildings (*U. S. C., p. 413, sec. 391; act Jan. 12, 1927, vol. 44, p. 963*)	$21,500.00	$18,250.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
Salary range, $3,300 to $3,900; average, $3,600—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Superintendent	1	$3,900	1	$3,900		
Salary range, $3,000 to $3,600; average, $3,300—						
Superintendent					1	$3,400
Salary range, $2,100 to $2,700; average, $2,400—						
Ranger naturalist	1	2,400				
Salary range, $1,500 to $1,860; average, $1,680—						
Chief ranger	1	1,680	1	1,500	1	1,500
Clerk, accounting	1	1,620				
Salary range, $1,140 to $1,500; average, $1,320—						
Clerk, accounting			0.5	1,200	0.6	1,200
Ranger	1	1,140	2	1,140		
Clerk-stenographer	0.5	1,200	1	1,140	1	1,140
Salary range, $1,020 to $1,260; average, $1,140—						
Ranger	0.5	1,140	0.4	1,080		
Total average number of employees	6		5.9		3.6	
Total salaries and wages, field service		11,910.00		9,852.00		6,760.00
The difference between 1929 and 1928 is due to—						
Increase in force	$1,878					
Increase in salaries	180					
Total increase	2,058					
Deduct allowance value of quarters furnished		1,140.00		300.00		300.00
Cash payment, salaries and wages		10,770.00		9,552.00		6,460.00
Miscellaneous and temporary labor		6,000.00		4,000.00		4,019.97
		16,770.00		13,552.00		10,479.97
Deduct expenditures for personal services included in objects named below		6,000.00		3,982.00		4,160.00
01 Total personal services		10,770.00		9,570.00		6,319.97
Supplies and materials:						
0200 Stationery and office supplies		150.00		50.00		147.76
0230 Fuel		120.00		120.00		112.93
0280 Sundry supplies		100.00		100.00		157.36
02 Total supplies and materials		370.00		270.00		418.05
Communication service:						
0500 Telegraph service		90.00		90.00		64.12
0510 Telephone service		100.00		100.00		77.30
05 Total communication service		190.00		190.00		141.42
06 Travel expense		700.00		500.00		645.76
07 Transportation of things		75.00		75.00		62.98
Repairs and alterations:						
1200 Buildings		740.00		350.00		513.06
1201 Grounds		410.00				
1210 Roads		1,200.00		1,100.00		2,151.65
1211 Trails		600.00		550.00		775.90
1280 Machinery and equipment		250.00		600.00		702.10
Passenger vehicles		250.00		350.00		
1290 Miscellaneous repairs		300.00		300.00		292.32
12 Total repairs and alterations		3,750.00		3,250.00		4,435.03
Special and miscellaneous current expenses:						
1327 Contingencies		180.00		100.00		
1387 Operation of passenger vehicles		250.00		250.00		178.27
13 Total special and miscellaneous current expenses		430.00		350.00		178.27
Equipment:						
3000 Passenger-carrying vehicles		1,200.00				
3010 Furniture, furnishings, and fixtures		165.00		115.00		16.53
3050 Other equipment		1,100.00		250.00		415.16
30 Total equipment		2,465.00		365.00		431.69

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Hawaii National Park—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Structures and parts:			
3211 Ranger cottage	$1,500.00	$1,500.00	
Equipment shed	750.00		
Laborers' quarters		1,000.00	
Toilets and shelters		500.00	
Superintendent's residence			$3,986.85
Garage and tool shed			494.87
3213 Water tanks	500.00	500.00	467.33
Total structures and parts	2,750.00	3,500.00	4,949.05
Unobligated balance		18,070.00	17,582.22
Reserve		180.00	417.78
Total	21,500.00	18,250.00	18,000.00

Hot Springs National Park—

Hot Springs National Park, Arkansas: For administration, protection, maintenance, and improvement, including not exceeding [$1,500] *$800* for the [purchase,] maintenance, operation, and repair of motor-driven passenger-carrying vehicles for the use of the superintendent and employees in connection with general park work, *and* including not exceeding $1,000 for the construction of buildings; in all (*U. S. C., p. 410, sec. 361; act Jan. 12, 1927, vol. 44, p. 964*) — $68,000.00 — $69,800.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $3,000 to $3,600; average, $3,300—						
Associate landscape engineer	0.2	$3,000	0.2	$3,000	0.2	$3,000
Salary range, $2,400 to $3,000; average, $2,700—						
Chief clerk	1	2,700	1	2,700		
Assistant engineer					0.5	2,600
Salary range, $2,100 to $2,700; average, $2,400—						
Chief clerk					1	2,400
Salary range, $1,860 to $2,400; average, $2,100—						
Special agent, social service					0.8	2,170
Salary range, $1,680 to $2,040; average, $1,860—						
Foreman	1	1,710	1	1,680	0.9	1,724
Manager, free bathhouse	1	1,740	1	1,680	1	1,615
Chief policeman	1	1,740	1	1,740	1	1,680
Clerk-stenographer	1	1,680	1	1,680	1	1,629
Salary range, $1,500 to $1,860; average, $1,680—						
Policeman	2	1,590	2	1,560	2	1,560
Clerk	1	1,500	1	1,500	0.8	1,455
Engineer	1	1,560	1	1,560	1	1,530
Nurse			1	1,500		
Salary range, $1,320 to $1,680; average, $1,500—						
Policeman	4	1,365	4	1,343	3.8	1,334
Skilled laborer	1	1,320	1	1,320	0.6	1,380
Social service worker					0.1	1,640
Salary range, $1,140 to $1,500; average, $1,320—						
Assistant foreman	1	1,260	1	1,260	1	1,200
Motor mechanic	1	1,260	1	1,200	1	1,170
Gardener	1	1,230	1	1,200	0.3	950
Handy man	3	1,170	3	1,150		
Attendant, clinic			1	1,200		
Salary range, $1,020 to $1,260; average, $1,140—						
Laborer	6	1,130	6	1,115	10.8	1,099
Salary range, $900 to $1,140; average, $1,020—						
Laborer	4	1,013	4	1,005	4	993
Bath attendant	4	990	4	975	4	975
Clerk					0.2	780
Salary range, $780 to $1,020; average, $900—						
Bath attendant	3.3	877	3.3	877	3.3	869
Salary range, $240 to $420; average, $330—						
Bathhouse inspector	0.3	300	0.3	300	0.3	283
Total average number of employees	37.8		39.8		39.6	
Total salaries and wages, field service		48,226.00		50,356.00		49,292.00
The difference between 1929 and 1928 is due to—						
Decrease in force	$2,700					
Increase in salaries	570					
Net decrease	2,130					
Deduct allowance value of quarters furnished		320.00		320.00		420.00
Cash payment, salaries and wages		47,906.00		50,036.00		48,872.00
Miscellaneous and temporary labor		650.00		650.00		3,382.76
		48,556.00		50,686.00		52,254.76
Deduct expenditures for personal services included in objects named below		26,221.00		28,501.00		31,405.00
01 Total personal services		22,335.00		22,185.00		20,849.76

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Hot Springs National Park—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Supplies and materials:			
0200	Stationery and office supplies	$200.00	$200.00	$200.52
0230	Fuel	500.00	454.00	622.00
0280	Sundry supplies	350.00	350.00	548.83
0290	Materials	150.00	150.00	
02	Total supplies and materials	1,200.00	1,154.00	1,371.35
	Communication service:			
0500	Telegraph service	35.00	35.00	26.99
0510	Telephone service	125.00	125.00	112.63
05	Total communication service	160.00	160.00	139.62
06	Travel expenses	576.00	776.00	819.56
07	Transportation of things			27.03
08	Lithographing, engraving, and engrossing			126.00
10	Furnishing heat, light, and water	3,075.00	3,075.00	2,854.81
11	Rents			350.00
	Repairs and alterations:			
1200	Buildings	3,000.00	3,000.00	3,025.36
1201	Grounds	8,600.00	8,600.00	8,548.53
1210	Roads	2,200.00	2,200.00	3,955.66
1211	Trails	400.00	400.00	392.41
1212	Electric system	430.00	300.00	333.38
1220	Water system	300.00	300.00	715.73
1250	Fences	200.00	200.00	69.09
1280	Machinery and equipment	1,400.00	1,400.00	1,372.17
	Passenger vehicles	200.00	100.00	345.71
12	Total repairs and alterations	16,730.00	16,500.00	18,758.04
	Special and miscellaneous current expenses:			
1327	Contingencies	674.00		
1387	Operation of passenger vehicles	400.00	400.00	392.52
1388	Sanitation and garbage disposal	1,800.00	1,800.00	1,669.32
1776	Operation of bathhouse and clinic	18,500.00	19,500.00	18,049.46
13	Total special and miscellaneous current expenses	21,374.00	21,700.00	20,111.30
	Equipment:			
3000	Passenger-carrying vehicles		1,000.00	524.08
3010	Furniture, furnishings, and fixtures	300.00	300.00	455.27
3050	Other equipment	750.00	750.00	946.02
30	Total equipment	1,050.00	2,050.00	1,925.37
	Structures and parts:			
3211	Comfort station	1,000.00	1,000.00	876.61
	Shelter houses (2)			304.14
3212	Trails			452.40
3217	Fountains	500.00		210.59
3220	Sprinkling system		500.00	
32	Total structures and parts	1,500.00	1,500.00	1,843.74
33	Stores purchased for resale			74.00
			69,100.00	69,250.58
	Unobligated balance			1,749.42
	Reserve		700.00	
	Total	68,000.00	69,800.00	71,000.00

Lafayette National Park—

Lafayette National Park, Maine: For administration, protection, maintenance, and improvement, including not exceeding [$1,500] *$2,100* for the purchase, maintenance, operation, and repair of motor-driven passenger-carrying vehicles for the use of the superintendent and employees in connection with general park work (*U. S. C., p. 409, sec. 341; act Jan. 12, 1927, vol. 44, p. 964*) $39,000.00 $37,940.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
Salary range, $2,400 to $3,000; average, $2,700—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Superintendent	1	$2,500	1	$2,500	1	$2,400
Salary range, $1,860 to $2,400; average, $2,100—						
Foreman mechanic	1	1,920	1	1,860	0.7	1,860
Salary range, $1,680 to $2,040; average, $1,860—						
Assistant superintendent	1	1,800	1	1,740	1	1,680
Chief ranger	1	1,800	1	1,740	1	1,680
Clerk-accountant	1	1,680				

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Lafayette National Park—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Field service—Continued.			
	Salaries and wages—Continued.	*Average—*	*Average—*	*Average—*
		No. *Salary*	*No.* *Salary*	*No.* *Salary*
	Salary range, $1,500 to $1,860; average, $1,680—			
	Clerk	1 $1,620	2 $1,560	2 $1,500
	Ranger	2 1,620	3 1,560	3 1,500
	Boat engineer	0.3 1,620	0.3 1,620	
	Salary range, $1,320 to $1,680; average, $1,500—			
	Ranger	2 1,440	1 1,320	
	Salary range, $1,140 to $1,500; average, $1,320—			
	Clerk	0.5 1,200	0.5 1,200	
	Storekeeper		1 1,200	
	Total average number of employees	10.8	11.8	8.7
	Total salaries and wages, field service	18,526.00	19,246.00	14,500.00
	The difference between 1929 and 1928 is due to—			
	Decrease in force	$1,200		
	Increase in salaries	480		
	Net decrease	720		
	Miscellaneous and temporary labor	11,726.00	11,820.00	15,380.53
		30,252.00	31,066.00	29,880.53
	Deduct expenditures for personal services included in object named below	13,862.00	13,956.00	15,111.00
01	Total personal services	16,390.00	17,110.00	14,769.53
	Supplies and materials:			
0200	Stationery and office supplies	275.00	300.00	300.94
0230	Fuel	500.00	500.00	395.10
0280	Sundry supplies	200.00	200.00	162.45
0290	Materials	250.00	250.00	234.84
02	Total supplies and materials	1,225.00	1,250.00	1,093.33
04	Subsistence and care of animals	225.00		
	Communication service:			
0500	Telegraph service	40.00	45.00	20.42
0510	Telephone service	225.00	135.00	169.92
05	Total communication service	265.00	180.00	190.34
06	Travel expense	800.00	800.00	781.55
07	Transportation of things (service)	150.00	150.00	115.35
10	Furnishing heat, light, and water	300.00	100.00	88.06
11	Rents	1,675.00	1,330.00	1,331.50
	Repairs and alterations:			
1200	Buildings	900.00	500.00	200.00
1201	Grounds	2,000.00	1,200.00	999.43
1210	Roads	5,000.00	2,500.00	1,883.48
1211	Trails	2,200.00	2,000.00	1,575.08
1280	Machinery and equipment	2,400.00	2,400.00	2,423.53
	Passenger vehicles	400.00	100.00	299.65
12	Total repairs and alterations	12,900.00	8,700.00	7,381.17
	Special and miscellaneous current expenses:			
1327	Contingencies	120.00	500.00	28.75
1387	Operation of passenger vehicles	710.00	500.00	499.76
1721	Operation of boat	200.00	200.00	199.67
13	Total special and miscellaneous current expenses	1,030.00	700.00	728.18
	Equipment:			
0300	Passenger-carrying vehicles	900.00	900.00	
3050	Other equipment	950.00	300.00	1,482.06
30	Total equipment	1,850.00	1,200.00	1,482.06
31	Lands	90.00		3.60
	Structures and parts:			
3212	Footpaths		940.00	999.50
3216	Piers and wharves	600.00	600.00	
3223	Auto camp ground	1,000.00	4,000.00	3,999.80
3226	Forestry	500.00	500.00	499.50
32	Total structures and parts	2,100.00	6,040.00	5,498.80
			37,560.00	33,463.47
	Unobligated balance			536.53
	Reserve		380.00	
	Total	39,000.00	37,940.00	34,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Lassen Volcanic National Park—		
Lassen Volcanic National Park, California: For administration, protection, and maintenance, [$14,125] *$15,400*; for construction of physical improvements, [$1,500] *$7,000*, [which shall be available] *including not exceeding $6,000* for the construction of buildings, *of which not exceeding $2,500 shall be available for an administration building and $2,000 for a superintendent's residence*; in all (*U. S. C., p. 406, sec. 201; act Jan. 12, 1927, vol. 44, p. 964*)	$22,400.00	$15,625.00

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Field service:						
	Salaries and wages—	*Average—*		*Average—*		*Average—*	
	Salary range, $1,860 to $2,400; average, $2,100—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Acting superintendent	1	$2,300	1	$2,200	1	$2,100
	Salary range, $1,680 to $2,040; average, $1,860—						
	Ranger	1.3	1,920	1.3	1,920	0.7	1,853
	Salary range, $1,500 to $1,860; average, $1,680—						
	Clerk	1	1,680	0.5	1,680		
	Total average number of employees	3.3		2.8		1.7	
	Total salaries and wages, field service		6,476.00		5,536.00		3,272.83
	The difference between 1929 and 1928 is due to—						
	Increase in force	$840					
	Increase in salaries	100					
	Total increase	940					
	Deduct allowance value of quarters furnished		420.00		330.00		
	Cash payment, salaries and wages		6,056.00		5,206.00		3,272.83
	Miscellaneous and temporary labor		3,500.00		2,500.00		2,000.00
			9,556.00		7,706.00		5,272.83
	Deduct expenditures for personal services included in objects named below		3,436.00		2,436.00		2,000.00
01	Total personal services		6,120.00		5,270.00		3,272.83
	Supplies and materials:						
0200	Stationery and office supplies		150.00		150.00		105.07
0210	Medical supplies		10.00				
0230	Fuel		250.00		200.00		199.25
0250	Forage		250.00		200.00		199.99
0280	Sundry supplies		250.00		250.00		249.78
02	Total supplies and materials		910.00		800.00		754.09
	Communication service:						
0500	Telegraph service		50.00		50.00		40.55
0510	Telephone service		50.00		30.00		
0520	Other communication service		10.00		10.00		
05	Total communication service		110.00		90.00		40.55
06	Travel expenses		360.00		360.00		388.23
07	Transportation of things (service)		500.00		500.00		493.67
08	Lithographing, engraving, and engrossing		50.00		50.00		40.00
11	Rents		500.00		500.00		312.00
	Repairs and alterations:						
1200	Buildings		300.00		200.00		200.00
1201	Grounds		400.00		200.00		200.00
1210	Roads		2,000.00		1,800.00		998.82
1211	Trails		100.00		700.00		499.50
1280	Machinery and equipment		650.00		550.00		375.66
12	Total repairs and alterations		3,450.00		3,450.00		2,273.98
	Special and miscellaneous current expenses:						
1327	Contingencies		100.00				
1397	Plans, maps, and surveys		500.00		450.00		400.00
13	Total special and miscellaneous current expenses		600.00		450.00		400.00
	Equipment:						
3010	Furniture, furnishings, and fixtures		800.00		500.00		499.66
3050	Other equipment		2,000.00		2,000.00		2,418.43
30	Total equipment		2,800.00		2,500.00		2,918.09
	Structures and parts:						
3211	Administration building		2,500.00				
	Superintendent's residence		2,000.00				
	Warehouse and barn		1,500.00				
	Ranger cabin				1,000.00		996.67
	Barn for above				500.00		499.25
3212	Telephone line connection		1,000.00				
32	Total structures and parts		7,000.00		1,500.00		1,495.92
					15,470.00		12,389.36
	Unobligated balance						310.64
	Reserve				155.00		
	Total		22,400.00		15,625.00		12,700.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Mesa Verde National Park—		
Mesa Verde National Park, Colorado: For administration, protection, and maintenance, including not exceeding [$1,200] *$900* for the [purchase,] maintenance, operation, and repair of horse-drawn and motor-driven passenger-carrying vehicles for the use of the superintendent and employees in connection with general park work, [$41,800] *$47,000*; for construction of physical improvements, [$8,950] *$36,000*, including not exceeding [$3,950] *$4,200* for the construction of buildings, *of which $1,200 shall be available for an addition to ranger quarters, and $600 for an addition to the superintendent's residence,* [$3,500 for an electric-light plant,] and *not exceeding* [$1,500] *$1,800* for the construction of a telephone line [from] *partly outside of* the park boundary [to Mancos, Colorado]; in all (*U. S. C., p. 399, sec. 111; act Jan. 12, 1927, vol. 44, p. 964*)	$83,000.00	$50,750.00

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Field service:						
	Salaries and wages—	*Average—*		*Average—*		*Average—*	
	Salary range, $3,800 to $5,000; average, $4,400—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Archeologist and superintendent	1	$4,200	1	$4,200		
	Salary range, $3,000 to $3,600; average, $3,300—						
	Superintendent					1	$3,500
	Chief park naturalist	0.2	3,000	0.2	3,000	0.2	3,000
	Salary range, $1,860 to $2,400; average, $2,100—						
	Chief clerk	1	2,200	1	2,200	1	2,100
	Chief ranger	1	2,100	1	2,100	0.8	2,100
	Salary range, $1,500 to $1,860; average, $1,680—						
	Ranger	1.8	1,654	1.8	1,654	0.9	1,680
	Clerk-typist	1	1,680	1	1,680	0.5	1,680
	Clerk-storekeeper	0.7	1,680	0.7	1,680	0.7	1,680
	Salary range, $1,140 to $1,500; average, $1,320—						
	Ranger	1.5	1,380	1.5	1,380	1.5	1,380
	Museum assistant	0.5	1,380	0.5	1,380	0.3	1,380
	Clerk-typist	0.2	1,380	0.2	1,380		
	No salary range: Ranger					0.3	12
	Total average number of employees	8.9		8.9		7.2	
	Total salaries and wages, field service		17,969.00		17,969.00		13,960.88
	Deduct allowance value of quarters furnished		1,805.00		1,805.00		1,351.00
	Cash payment, salaries and wages		16,164.00		16,164.00		12,609.88
	Miscellaneous and temporary labor		32,175.00		17,175.00		23,754.25
			48,339.00		33,339.00		36,364.13
	Deduct expenditures for personal services included in objects named below		33,384.00		18,384.00		23,916.08
01	Total personal services		14,955.00		14,955.00		12,448.05
	Supplies and materials—						
0200	Stationery and office supplies		300.00		295.00		285.33
0210	Medical supplies		200.00		100.00		98.90
0220	Scientific and educational supplies		150.00		150.00		25.13
0230	Fuel		550.00		350.00		462.25
0250	Forage		400.00		400.00		350.81
0260	Provisions		110.00		110.00		
0280	Sundry supplies		350.00		350.00		232.76
	Supplies purchased in excess of issues						375.36
02	Total supplies and materials		2,060.00		1,755.00		1,770.54
	Communication service:						
0500	Telegraph service		100.00		100.00		69.96
0510	Telephone service		160.00		160.00		127.08
0520	Other communication service		10.00		10.00		4.40
05	Total communication service		270.00		270.00		201.44
06	Travel expense		700.00		650.00		690.59
07	Transportation of things		300.00		300.00		241.79
08	Lithographing, engraving, and engrossing		155.00				408.54
11	Rents		300.00		300.00		287.30
	Repairs and alterations:						
1200	Buildings		1,590.00		1,500.00		1,791.82
1201	Grounds		750.00		750.00		547.28
1210	Roads		8,000.00		7,000.00		7,385.45
1211	Trails		600.00		600.00		242.86
1212	Electric system		350.00		350.00		247.82
1213	Telephone system		450.00		500.00		395.86
1220	Water system		450.00		400.00		454.66
1280	Machinery and equipment		2,725.00		2,725.00		2,811.78
	Passenger vehicles		275.00		275.00		226.17
12	Total repairs and alterations		15,190.00		14,100.00		14,103.70

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Mesa Verde National Park—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Special and miscellaneous current expenses:			
1327	Contingencies	$500.00	$325.00	
1382	Museum and information service	750.00	750.00	$459.13
1385	Insect control	4,200.00		
1387	Operation of passenger vehicles	450.00	450.00	179.23
1388	Sanitation and garbage disposal	670.00	670.00	723.57
1389	Wood for camp grounds	250.00	250.00	241.51
1680	Archeological work	1,000.00	1,000.00	1,222.38
13	Total special and miscellaneous current expenses	7,820.00	3,445.00	2,825.82
	Equipment:			
3010	Furniture, furnishings, and fixtures	1,000.00	1,000.00	1,098.70
3020	Scientific and educational	1,000.00	1,000.00	933.07
3050	Other equipment	3,250.00	3,250.00	3,132.81
30	Total equipment	5,250.00	5,250.00	5,164.58
	Structures and parts:			
3211	Checking control unit	1,000.00		
	Carpenter shop	1,000.00		
	Ice house	400.00		
	Addition to ranger quarters	1,200.00		
	Addition to superintendent's residence	600.00		
	Addition to bunkhouse		1,200.00	
	Addition to administrative building		750.00	
	Ranger station and water development at Rock Springs		1,000.00	
	Toilet buildings, camp grounds		1,000.00	
	Ranger cottage			1,495.34
	Community house			2,497.27
	Moving log cabin to camp ground			499.73
	Hospital			7,492.95
	Electric-light plant		3,500.00	
3212	Rebuilding telephone line	1,800.00		
	Telephone lines		1,500.00	
3213	Water-system construction	30,000.00		19,845.83
3226	Development of camp grounds			747.52
32	Total structures and parts	36,000.00	8,950.00	32,578.64
			49,975.00	70,720.99
	Unobligated balance			1,579.01
	Reserve		775.00	
	Total	83,000.00	50,750.00	72,300.00

Mount McKinley National Park—

Mount McKinley National Park, Alaska: For administration, protection, and improvement, *including not exceeding $4,000 for the construction of buildings, of which $2,000 shall be available for a warehouse; in all (U. S. C., p. 410, sec. 347; act Jan. 12, 1927, vol. 44, p. 964)* — $27,500.00 — $22,000.00

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Field service:						
	Salaries and wages—	*Average—*		*Average—*		*Average—*	
	Salary range, $3,300 to $3,900; average, $3,600—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Superintendent	1	$3,900	1	$3,900	1	$3,900
	Salary range, $2,400 to $3,000; average, $2,700—						
	Chief ranger	1	2,700	1	2,600	1	2,600
	Clerk	1	2,800				
	Salary range, $2,100 to $2,700; average, $2,400—						
	Clerk			1	2,700	1	2,600
	Salary range, $1,680 to $2,040; average, $1,860—						
	Ranger	3	2,000	3	2,000	2	1,980
	No salary range; ranger	1	12	1	12	1	12
	Total average number of employees	7		7		6	
	Total salaries and wages, field service		15,412.00		15,212.00		13,072.00
	The difference between 1929 and 1928 is due to increase in salaries, $200.						
	Deduct allowance value of quarters furnished		1,240.00		1,240.00		1,060.00
	Cash payment, salaries and wages		14,172.00		13,972.00		12,012.00
	Miscellaneous and temporary labor		2,000.00		1,000.00		799.67
			16,172.00		14,972.00		12,811.67
	Deduct expenditures for personal services included in objects named below		2,000.00		1,000.00		903.00
01	Total personal services		14,172.00		13,972.00		11,908.67

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Mount McKinley National Park—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Supplies and materials:			
0200	Stationery and office supplies	$100.00	$100.00	$75.00
0210	Medical supplies	50.00	50.00	9.40
0230	Fuel	438.00	438.00	316.77
0250	Forage	2,900.00	2,300.00	2,099.29
0280	Sundry supplies	200.00	200.00	230.95
0290	Materials	75.00	75.00	98.48
02	Total supplies and materials	3,763.00	3,163.00	2,829.89
	Communication service:			
0500	Telegraph service	265.00	265.00	102.46
0510	Telephone service	200.00	200.00	84.64
05	Total communication service	465.00	465.00	187.10
06	Travel expenses	600.00	600.00	363.50
07	Transportation of things	924.00	924.00	769.73
11	Rents	1.00	1.00	1.00
	Repairs and alterations:			
1200	Buildings	1,000.00	700.00	701.65
1201	Grounds	200.00	200.00	200.00
1213	Telephone system	250.00	----	----
1280	Machinery and equipment	200.00	200.00	199.35
12	Total repairs and alterations	1,650.00	1,100.00	1,101.00
	Special and miscellaneous current expenses:			
1327	Contingencies	100.00	----	----
1388	Sanitation and garbage disposal	300.00	300.00	300.00
1389	Wood for camp grounds	150.00	150.00	149.84
13	Total special and miscellaneous current expenses	550.00	450.00	449.84
	Equipment:			
3010	Furniture, furnishings, and fixtures	250.00	250.00	109.80
3040	Livestock	375.00	300.00	60.00
3050	Other equipment	750.00	555.00	598.62
30	Total equipment	1,375.00	1,105.00	768.42
	Structures and parts:			
3211	Ranger cabin	1,600	----	----
	Barn	500	----	----
	Warehouse	2,000	----	----
32	Total structures and parts	4,000.00	----	----
		----	21,780.00	18,379.15
	Unobligated balance	----	----	320.85
	Reserve	----	220.00	----
	Total	27,500.00	22,000.00	18,700.00

Mount Rainier National Park—

Mount Rainier National Park, Washington: For administration, protection, and maintenance, including not exceeding [$1,600] *$3,000* for the purchase, maintenance, operation, and repair of motor-driven passenger-carrying vehicles for the use of the superintendent and employees in connection with general park work, [$86,500] *$88,000*; for construction of physical improvements, [$21,500] *$53,000, including not exceeding $33,000 for the construction of buildings*, of which not exceeding [$8,000] *$18,000* shall be available for [a community building, $6,000 for three employees' cottages at $2,000 each, and $2,500 for a repair and machine shop] *an administration building, $10,000 for two comfort stations, $2,000 for a mess house and cook's quarters, and $3,000 for the completion of a community building*; in all (*U. S. C., p. 397, sec. 91; act Jan. 12, 1927, vol. 44, p. 964*) ---- $141,000.00 $108,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $3,300 to $3,900; average, $3,600—						
Superintendent	1	$3,800	1	$3,800	1	$3,800
Salary range, $3,000 to $3,600; average, $3,300—						
Engineer	1	3,300	1	3,300	0.3	3,300
Chief park naturalist	0.2	3,000	0.2	3,000	0.2	3,000
Salary range, $2,400 to $3,000; average, $2,700—						
Assistant superintendent	1	2,800	1	2,800	1	2,700
Salary range, $2,100 to $2,700; average, $2,400—						
Chief ranger	1	2,400	1	2,400	1	2,400
General foreman	1	2,400	1	2,400	1	2,400

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Mount Rainier National Park—Continued.

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
		Average—		*Average*—		*Average*—	
		No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Field service—Continued.						
	Salaries and wages—Continued.						
	Salary range, $1,860 to $2,400; average, $2,100—						
	Park naturalist	1	$2,200	1	$2,200	0.9	$2,100
	Assistant chief ranger	1	2,100	1	2,100	0.6	2,100
	Salary range, $1,680 to $2,040; average, $1,860—						
	Clerk-accountant	1	1,860	1	1,860	1	1,860
	Salary range, $1,500 to $1,860; average, $1,680—						
	Clerk	1.9	1,743	1.9	1,743	1.8	1,500
	Warehouseman	1	1,680	1	1,680	1	1,680
	Ranger	6	1,730	6	1,730	6.4	1,705
	Salary range, $1,320 to $1,680; average, $1,500—						
	Ranger	4.7	1,531	4.7	1,531	3.8	1,383
	Clerk-telephone operator	1	1,500	1	1,500	0.5	1,500
	Salary range, $1,140 to $1,500; average, $1,320—						
	Telephone operator	0.7	1,320	0.7	1,320	0.7	1,320
	Total average number of employees	23.5		23.5		21.2	
	Total salaries and wages, field service		46,451.00		46,451.00		40,007.00
	Deduct allowance value of quarters furnished		4,585.00		4,585.00		3,050.00
	Cash payment, salaries and wages		41,866.00		41,866.00		36,957.00
	Miscellaneous and temporary labor		50,000.00		47,700.00		46,213.35
			91,866.00		89,566.00		83,170.35
	Deduct expenditures for personal service included in objects named below		55,051.00		52,751.00		49,063.35
01	Total personal services		36,815.00		36,815.00		34,107.00
	Supplies and materials:						
0200	Stationery and office supplies		350.00		350.00		355.85
0210	Medical supplies		50.00		50.00		27.37
0230	Fuel		1,500.00		1,500.00		1,642.13
0250	Forage		1,000.00		1,000.00		470.29
0260	Provisions		100.00		100.00		1.89
0280	Sundry supplies		500.00		500.00		473.08
02	Total supplies and materials		3,500.00		3,500.00		2,971.51
04	Subsistence of animals						312.02
	Communication service:						
0500	Telegraph service		100.00		100.00		77.09
0510	Telephone service		50.00		50.00		
05	Total communication service		150.00		150.00		77.09
06	Travel expenses		850.00		850.00		895.12
07	Transportation of things		1,000.00		1,000.00		930.26
08	Lithographing, engraving, and engrossing		700.00		700.00		537.05
10	Furnishing heat, light, and water		400.00		400.00		258.73
11	Rents		350.00		350.00		230.00
	Repairs and alterations:						
1200	Buildings		1,600.00		1,500.00		1,479.76
1201	Grounds		500.00		500.00		500.56
1210	Roads, Nisqually		13,000.00		13,000.00		13,478.14
	Roads, White River		3,000.00		3,000.00		2,848.72
	Roads, Carbon River		1,000.00		1,000.00		803.60
1211	Trails		3,000.00		3,000.00		2,966.86
1212	Electric system		500.00		500.00		503.21
1213	Telephone system		3,000.00		3,000.00		2,949.76
1220	Water system		1,000.00		1,000.00		726.42
1280	Machinery and equipment		4,000.00		4,000.00		4,644.43
	Passenger vehicles		900.00		1,000.00		741.10
1290	Miscellaneous repairs		400.00		400.00		394.60
12	Total repairs and alterations		31,900.00		31,900.00		32,037.16
	Special and miscellaneous current expenses:						
1327	Contingencies		235.00				
1382	Museum and information service		500.00		500.00		243.79
1383	Fish and game propagation		300.00		300.00		51.16
1384	Mosquito control		100.00		100.00		
1387	Operation of passenger vehicles		600.00		600.00		490.62
1388	Sanitatinn and garbage disposal		2,000.00		2,000.00		1,970.62
1389	Wood for camp grounds		1,000.00		1,000.00		992.65
1397	Plans, maps, and surveys		500.00		500.00		171.78
13	Total special and miscellaneous current expenses		5,235.00		5,000.00		3,920.62
	Equipment:						
3000	Passenger-carrying vehicles		1,500.00				
3010	Furniture, furnishings, and fixtures		600.00		795.00		777.73
3050	Other equipment		5,000.00		5,000.00		4,809.08
30	Total equipment		7,100.00		5,795.00		5,586.81

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Mount Rainier National Park—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Structures and parts:			
3211	Administrative building	$18,000.00		
	Comfort station at Paradise Valley	7,000.00		
	Comfort station at Glacier Bridge	3,000.00		
	Employees' messhouse and cook's quarters	2,000.00		
	Employees' quarters (3)		$6,000.00	
	Community building, Longmire		8,000.00	
	Repair and machine shop		2,500.00	
	Community building, Paradise (completion)	3,000.00		$9,985.81
	Ranger station, Nisqually entrance			2,999.97
	Employee's cottage, Longmire			1,994.58
	Comfort station, Nisqually entrance			1,498.84
	Equipment shed, Longmire			1,988.59
3212	Extension of telephone system			989.20
3213	Sewage disposal plant, Paradise	12,100.00		
	Garbage disposal plant, Paradise	4,900.00		
3226	Development of camp grounds	3,000.00	3,960.00	5,974.32
32	Total structures and parts	53,000.00	20,460.00	25,431.31
			106,920.00	107,294.68
	Unobligated balance			3,705.32
	Reserve		1,080.00	
	Total	141,000.00	108,000.00	111,000.00

Platt National Park—

Platt National Park, Oklahoma: For administration, protection, maintenance, and improvement, [$13,050] *$18,000 (U. S. C., p. 401, sec. 151; act Jan. 12, 1927, vol. 44, p. 964)* — $18,000.00 — $13,050.00

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Field service:						
	Salaries and wages—	*Average—*		*Average—*		*Average—*	
		No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Salary range, $1,860 to $2,400; average, $2,100—						
	Superintendent	1	$2,100	1	$2,100	1	$2,100
	Salary range, $1,680 to $2,040; average, $1,860—						
	Clerk	1	1,860	1	1,860	1	1,800
	Salary range, $1,320 to $1,680; average, $1,500—						
	Ranger	1	1,500	1	1,500	1	1,500
	Salary range, $1,020 to $1,260; average, $1,140—						
	Laborer	4	1,200	3	1,220	3	1,220
	No salary range: Ranger	2	12	2	12	2	12
	Total average number of employees	9		8		8	
	Total salaries and wages, field service		10,284.00		9,144.00		9,084.00
	The difference between 1929 and 1928 is due to increase in force, $1,140.						
	Deduct allowance value of quarters furnished		960.00		960.00		960.00
	Cash payment, salaries and wages		9,324.00		8,184.00		8,124.00
	Miscellaneous and temporary labor		2,500.00		2,300.00		1,502.85
			11,824.00		10,484.00		9,626.85
	Deduct expenditures for personal services included in objects named below		6,760.00		5,540.00		4,418.85
01	Total personal services		5,064.00		4,944.00		5,208.00
	Supplies and materials:						
0200	Stationery and office supplies		150.00		150.00		117.50
0230	Fuel		250.00		200.00		160.00
0250	Forage		500.00		500.00		493.61
0280	Sundry supplies		100.00		100.00		101.52
02	Total supplies and materials		1,000.00		950.00		872.63
	Communication service:						
0500	Telegraph service		50.00		50.00		29.09
0510	Telephone service		66.00		66.00		61.15
0520	Other communication service		4.00		4.00		4.00
05	Total communication service		120.00		120.00		94.24
06	Travel expense		190.00		170.00		110.47
10	Furnishing heat, light, and water		700.00		700.00		499.86
	Repairs and alterations:						
1200	Buildings		2,400.00		1,700.00		1,704.31
1210	Roads		1,050.00		1,050.00		792.24
1211	Trails		250.00		250.00		229.21
1280	Machinery and equipment		400.00		400.00		398.77
1290	Miscellaneous repairs		600.00		600.00		592.77
12	Total repairs and alterations		4,700.00		4,000.00		3,717.30

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Platt National Park—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Special and miscellaneous current expenses:			
1327 Contingencies	$200.00	$110.00	
1388 Sanitation and garbage disposal	1,026.00	1,026.00	$1,152.40
13 Total special and miscellaneous current expenses	1,226.00	1,136.00	1,152.40
30 Equipment	100.00	100.00	499.22
Structures and parts:			
3211 Improvement of springs	4,900.00		
3212 Extension of sewer system		400.00	
Extension of water system		400.00	
32 Total structures and parts	4,900.00	800.00	
		12,920.00	12,154.12
Unobligated balance			245.88
Reserve		130.00	
Total	18,000.00	13,050.00	12,400.00

Rocky Mountain National Park—

Rocky Mountain National Park, Colorado: For administration, protection, and maintenance, including not exceeding [$2,500] *$2,800* for the purchase, maintenance, operation, and repair of motor-driven passenger-carrying vehicles for the use of the superintendent and employees in connection with general park work, [$77,620] *$80,500*; for construction of physical improvements, [$20,000] *$15,000*, including not exceeding [$11,000] *$7,000* for the construction of buildings, of which not exceeding [$4,000] *$3,000* shall be available for quarters for employees, and [$3,000] *$2,000* for a [ranger station] *stable*; in all (*U. S. C., p. 405, sec. 191; act Jan. 12, 1927, vol. 44, p. 964*) $95,500.00 $97,620.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $3,800 to $5,000; average, $4,400—						
Chief landscape engineer	0.1	$3,800	0.1	$3,800	0.1	$3,800
Salary range, $3,300 to $3,900; average, $3,600—						
Superintendent	1	3,800	1	3,800	1	3,800
Salary range, $3,000 to $3,600; average, $3,300—						
Engineer	1	3,300	1	3,300	1	3,300
Salary range, $2,400 to $3,000; average, $2,700—						
Assistant superintendent	1	3,000	1	3,000	1	3,000
Salary range, $2,100 to $2,700; average, $2,400—						
Chief clerk	1	2,300	1	2,300	1	2,300
Carpenter-foreman	1	2,400				
Salary range, $1,860 to $2,400; average, $2,100—						
Chief ranger	1	2,100	1	2,100	1	1,980
General foreman	1	2,000	1	2,000	1	2,000
Auto mechanic	1	2,200	1	2,200	1	2,200
Salary range, $1,680 to $2,040; average, $1,860—						
Park naturalist	1	1,980	1	1,980	1	1,980
Ranger naturalist	0.3	1,980	0.3	1,980	0.3	1,980
Salary range, $1,500 to $1,860; average, $1,680—						
Clerk-stenographer	1	1,800	1	1,740	1	1,740
Ranger	4	1,740	4	1,740	1	1,740
Storehouse clerk	1	1,740	1	1,740	1	1,740
Salary range, $1,320 to $1,680; average, $1,500—						
Clerk	2	1,500	1.8	1,500	1.8	1,500
Salary range, $1,140 to $1,500; average, $1,320—						
Ranger	7	1,440	7	1,440	6	1,380
Total average number of employees	24.4		23.2		19.2	
Total salaries and wages, field service		47,634.00		44,874.00		37,734.00
The difference between 1929 and 1928 is due to—						
Increase in force	$2,700					
Increase in salaries	60					
Total increase	2,760					
Deduct allowance value of quarters furnished		3,680.00		3,680.00		3,500.00
Cash payment, salaries and wages		43,954.00		41,194.00		34,234.00
Miscellaneous and temporary labor		40,000.00		40,000.00		39,989.00
		83,954.00		81,194.00		74,223.00
Deduct expenditures for personal services included in objects named below		59,354.00		56,954.00		52,078.00
01 Total personal services		24,600.00		24,240.00		22,145.00
02 Supplies and materials		3,320.00		3,300.00		702.42

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Rocky Mountain National Park—Continued					
Communication service:					
0500 Telegraph service	$50.00	$50.00	$80.81		
0510 Telephone service	245.00	245.00	243.50		
0520 Other communication service	5.00	5.00	5.00		
05 Total communication service	300.00	300.00	329.31		
06 Travel expenses	600.00	600.00	1,006.61		
07 Transportation of things	350.00	350.00	309.02		
08 Lithographing, engraving, and engrossing	250.00		146.80		
10 Furnishing heat, light, and water	300.00	300.00	297.60		
11 Rents	150.00	150.00	257.69		
Repairs and alterations:					
1200 Buildings	3,500.00	3,500.00	3,791.85		
1201 Grounds	3,000.00	3,000.00	2,515.60		
1210 Roads	21,500.00	21,500.00	23,173.76		
1211 Trails	4,000.00	4,000.00	4,105.75		
1213 Telephone system	1,480.00	1,480.00	1,439.02		
1280 Machinery and equipment	3,200.00	3,000.00	3,439.02		
Passenger vehicles	600.00	800.00	800.00		
12 Total repairs and alterations	37,280.00	37,280.00	39,265.00		
Special and miscellaneous current expenses:					
1327 Contingencies	500.00				
1382 Museum and information service	50.00	200.00	260.00		
1383 Fish and game propagation	150.00	50.00	150.00		
1384 Mosquito control	400.00	400.00	203.34		
1385 Insect control	2,000.00				
1386 Control of predatory animals	300.00	100.00	300.00		
1387 Operation of passenger vehicles	700.00	700.00	640.29		
1388 Sanitation and garbage disposal	1,450.00	1,450.00	2,139.92		
1389 Wood for camp grounds	250.00	250.00	250.00		
1398 Fire protection	50.00	50.00	50.00		
13 Total special and miscellaneous current expenses	5,850.00	3,200.00	3,993.55		
Equipment:					
3000 Passenger-carrying vehicles	1,500.00	1,000.00			
3010 Furniture, furnishings, and fixtures	500.00	500.00	497.00		
3040 Livestock	500.00	420.00	500.00		
3050 Other equipment	5,000.00	5,000.00	4,150.00		
30 Total equipment	7,500.00	6,920.00	5,147.00		
Structures and parts:					
3211 Stable at Horseshoe Park road camp	2,000.00				
Cottage for employees	3,000.00				
Road camp buildings	2,000.00	2,000.00	1,998.97		
Shelter cabin		1,500.00	1,500.00		
Quarters for employees		4,000.00	1,997.81		
Ranger station		3,000.00			
Equipment storage shed		1,500.00			
3213 Water supply and sanitation	6,000.00	6,000.00	6,003.22		
3226 Camp-ground development	2,000.00	2,000.00	1,000.00		
32 Total structures and parts	15,000.00	20,000.00	12,500.00		
		96,640.00	86,100.00		
Unobligated balance			900.00		
Reserve		980.00			
Total	95,500.00	97,620.00	87,000.00		
Sequoia National Park—					
Sequoia National Park, California: For administration, protection, and maintenance, including not exceeding [$1,500] *$2,200* for the purchase, maintenance, operation, and repair of motor-driven passenger-carrying vehicles for the use of the superintendent and employees in connection with general park work, and including not to exceed $10,000 for fire prevention, [and not to exceed $4,500 for oiling roads, $90,000] *$96,000*; for construction of physical improvements, [$19,000] *$17,000*, including not exceeding [$11,400] *$8,900* for the construction of buildings, of which not exceeding $4,000 shall be available for a [residence for the superintendent] *machine shop, $2,200 for an employee's cottage, and $200 for completion of a ranger cabin to cost not more than $1,700*; in all (*U. S. C., p. 392, sec. 41; act Jan. 12, 1927, vol. 44, p. 964*)				$113,000.00	$109,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

Sequoia National Park—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927		Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
	Average—		*Average—*		*Average—*			
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*		
Field service:								
Salaries and wages—								
Salary range, $3,300 to $3,900; average, $3,600—								
Superintendent	1	$3,900	1	$3,900	1	$3,800		
Salary range, $2,400 to $3,000; average, $2,700—								
Assistant superintendent	1	2,700	1	2,700	1	2,650		
Assistant landscape engineer	0.1	2,400	0.1	2,400	0.1	2,400		
Foreman-carpenter	1	2,600	1	2,600				
Salary range, $2,100 to $2,700; average, $2,400—								
Chief ranger	1	2,400	1	2,400	1	2,350		
Assistant chief ranger	1	2,100	1	2,100				
Salary range, $1,860 to $2,400; average, $2,100—								
Forester-naturalist	0.5	2,100						
Clerk	2	1,890	2	1,890	1.1	1,812		
Salary range, $1,680 to $2,040, average, $1,860—								
Clerk	1.3	1,680	1.3	1,680	0.8	1,599		
Salary range, $1,500 to $1,860; average, $1,680—								
Ranger	5.7	1,746	5.7	1,746	7.3	1,712		
Salary range, $1,320 to $1,680; average, $1,500—								
Ranger	5.5	1,509	5.5	1,509	2.8	1,486		
Clerk	1	1,320	1	1,320	0.7	1,254		
Telephone operator	1	1,320	1	1,320	0.1	1,012		
Salary range, $1,020 to $1,260; average, $1,140—								
Telephone operator	1.7	1,020	1.7	1,020	0.2	1,080		
Total average number of employees	23.8		23.3		16.1			
Total salaries and wages, field service		43,580.00		42,530.00		29,928.00		
The difference between 1929 and 1928 is due to increase in force, $1,050.								
Deduct allowance value of quarters furnished		4,415.00		4,295.00		3,001.00		
Cash payment, salaries and wages		39,165.00		38,235.00		26,927.00		
Miscellaneous and temporary labor		20,000.00		22,441.00		25,995.09		
		59,165.00		60,676.00		52,922.09		
Deduct expenditures for personal services including objects named below		22,195.00		24,636.00		21,772.74		
01 Total personal services		36,970.00		36,040.00		31,149.35		
02 Supplies and materials		3,130.00		3,230.00		866.05		
Communication service:								
0500 Telegraph service		200.00		200.00		259.17		
0510 Telephone service		50.00		110.00		160.05		
05 Total communication service		250.00		310.00		419.22		
06 Travel expenses		1,000.00		1,200.00		1,401.94		
07 Transportation of things		300.00		300.00		264.42		
08 Lithographing, engraving, and engrossing		250.00				104.52		
10 Furnishing heat, light, and water		1,500.00		1,500.00		1,482.43		
11 Rents		150.00		150.00		130.00		
Repairs and alterations:								
1200 Buildings		1,800.00		1,500.00		2,198.79		
1201 Grounds		1,000.00		1,000.00		1,961.13		
1210 Roads		8,520.00		5,880.00		6,599.27		
Oiling roads		4,500.00		4,500.00				
1211 Trails		3,600.00		3,600.00		2,226.58		
1212 Electric system		1,000.00		800.00		820.94		
1213 Telephone system		1,400.00		1,400.00		1,660.89		
1220 Water system		2,500.00		2,100.00		1,541.14		
Sewer system		2,500.00		2,000.00		1,004.42		
1280 Machinery and equipment		3,300.00		3,300.00		3,572.96		
Passenger vehicles		700.00		700.00		999.86		
12 Total repairs and alterations		30,820.00		* 26,780.00		22,585.98		
Special and miscellaneous current expenses:								
1327 Contingencies		130.00						
1382 Museum and information service		150.00		150.00		262.49		
1383 Fish and game propagation		200.00		200.00		103.82		
1387 Operation of passenger vehicles		300.00		300.00		163.25		
1388 Sanitation and garbage disposal		5,000.00		4,000.00		4,558.40		
1389 Wood for camp grounds		500.00		500.00		397.45		
1397 Plans, maps, and surveys		200.00		200.00		909.43		
1398 Fire protection		10,000.00		10,000.00				
Fighting forest fires						112.44		
1451 Corral operations						2.70		
1776 Moving headquarters				100.00		64.62		
13 Total special and miscellaneous current expenses		16,480.00		15,450.00		6,574.60		
Equipment:								
3000 Passenger-carrying vehicles		1,200.00						
3010 Furniture, furnishings, and fixtures		900.00		900.00		694.37		
3020 Scientific and educational		150.00		150.00		199.06		
3040 Livestock		200.00		200.00		360.00		
3050 Other equipment		2,700.00		2,700.00		3,118.06		
30 Total equipment		5,150.00		3,950.00		4,371.49		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1925	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Sequoia National Park—Continued.					
Structures and parts:					
3211 Employees' cottage	$2,200.00	$1,300.00	$987.21		
Machine shop at Ash Mountain	4,000.00				
Comfort station, Potwisha	900.00				
Comfort station and water and sewer extension	4,500.00				
Superintendent's residence		4,000.00			
Ranger station		1,500.00			
Hospital dispensary		1,300.00			
Comfort station, Giant Forest		1,500.00			
Comfort station, Ash Mountain		900.00			
Comfort station, Hospital Rock		900.00			
Administration building addition			1,598.63		
3212 Reconstruction electric system, Ash Mountain	700.00				
Telephone line		685.00			
3213 Incinerator	1,700.00				
Water and sanitation system			1,500.00		
Walls, walks, and grounds, at headquarters			314.16		
Fences		815.00			
3226 Development of camp grounds	3,000.00	6,100.00			
32 Total structures and parts	17,000.00	19,000.00	4,400.00		
		107,910.00			
Reserve		1,090.00			
Total	113,000.00	109,000.00	73,750.00		
Wind Cave National Park— Wind Cave National Park, South Dakota: For administration, protection, maintenance, and improvement (*U. S. C., p. 401, sec. 141; act Jan. 12, 1927, vol. 44, p. 964*)				$11,000.00	$10,850.00
Field service:					
Salaries and wages—					
Salary range, $2,100 to $2,700; average, $2,400—	*Average—*	*Average—*	*Average—*		
	No. *Salary*	*No.* *Salary*	*No.* *Salary*		
Superintendent	1 $2,400	1 $2,300	1 $2,300		
Salary range, $1,500 to $1,860; average, $1,680—					
Ranger	1 1,680	1 1,680	1.1 1,680		
Salary range, $1,320 to $1,680; average, $1,500—					
Ranger	2.8 1,620	2.8 1,620	1.8 1,620		
Total average number of employees	4.8	4.8	3.9		
Total salaries and wages, field service	8,616.00	8,516.00	6,924.10		
The difference between 1929 and 1928 is due to increase in salaries, $100.					
Deduct allowance value of quarters furnished	890.00	890.00	706.77		
Cash payment, salaries and wages	7,726.00	7,626.00	6,217.33		
Miscellaneous and temporary labor	1,800.00	1,800.00	2,128.54		
	9,526.00	9,426.00	8,345.87		
Deduct expenditures for personal services included in objects named below	1,746.00	1,746.00	1,024.54		
01 Total personal services	7,780.00	7,680.00	7,321.33		
Supplies and materials:					
0200 Stationery and office supplies	125.00	100.00	98.50		
0230 Fuel	525.00	525.00	523.90		
0280 Sundry supplies	130.00	75.00	137.97		
02 Total supplies and materials	780.00	700.00	760.47		
Communication service:					
0500 Telegraph service	25.00	25.00	10.36		
0510 Telephone service	90.00	120.00	90.00		
05 Total communication service	115.00	145.00	100.36		
06 Travel expenses	275.00	175.00	49.14		
Repairs and alterations:					
1200 Buildings	475.00	475.00	249.34		
1210 Roads	725.00	725.00	856.59		
1220 Water and sewer systems	200.00	200.00	463.65		
1250 Fences	75.00	100.00	58.52		
1280 Machinery and equipment	450.00	425.00	328.33		
1290 Miscellaneous repairs	125.00	125.00	42.64		
12 Total repairs and alterations	2,050.00	2,050.00	1,999.07		
30 Equipment			44.63		
		10,750.00			
Reserve		100.00			
Total	11,000.00	10,850.00	10,275.00		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Yellowstone National Park—		
Yellowstone National Park, Wyoming: For administration, protection, and maintenance, including not exceeding [$6,600] *$7,500* for the purchase, maintenance, operation, and repair of horse-drawn and motor-driven passenger-carrying vehicles for the use of the superintendent and employees in connection with general park work, not exceeding $8,400 for maintenance of the road in the forest reserve leading out of the park from the east boundary, not exceeding $7,500 for maintenance of the road in the forest reserve leading out of the park from the south boundary, and including feed for buffalo and other animals and salaries of buffalo keepers, [$370,000] *$400,000*; for construction of physical improvements, [$30,000] *$34,000*, including not exceeding [$9,500] *$13,300* for extension of sewers and sanitary systems and garbage-disposal facilities, not exceeding $10,000 for auto camps, [not exceeding $3,800 for a garbage incinerator,] and not exceeding [$6,700] *$15,684* for the construction of buildings, *including not exceeding $4,000 for a ranger station and checking facilities at the south entrance*; in all (*U. S. C., p. 390, sec. 21; act Jan. 12, 1927, vol. 44, p. 965*)	$434,000.00	$400,000.00

	Estimated expenditures, 1919 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $5,200 to $6,000; average, $5,600—						
Superintendent	1	$5,600	1	$5,600	1	$5,400
Salary range, $3,800 to $5,000; average, $4,400—						
Chief landscape engineer	0.6	3,800	0.6	3,800	0.6	3,800
Salary range, $3,000 to $3,600; average, $3,300—						
Assistant superintendent	1	3,400	1	3,400	1	3,400
Resident engineer	1	3,500	1	3,500	1	3,450
Chief park naturalist	0.2	3,000	0.2	3,000	0.2	3,000
Associate landscape engineer	0.4	3,000	0.4	3,000	0.4	3,000
Salary range, $2,400 to $3,000; average, $2,700—						
Assistant landscape engineer	0.3	2,400	0.3	2,400	0.3	2,400
Assistant resident engineer	1	2,800	1	2,800	1	2,750
Assistant to the superintendent	1	2,600	1	2,600	0.3	2,600
Chief ranger	1	2,750	1	2,750	1	2,700
Salary range, $2,100 to $2,700; average, $2,400—						
Master mechanic	1	2,300	1	2,300	0.6	2,388
Master plumber	1	2,600	1	2,600	1	2,550
Foreman	1	2,300	1	2,300	1	2,300
Salary range, $1,860 to $2,400; average, $2,100—						
First assistant chief ranger	1	2,100	1	2,100	1	2,100
Assistant chief ranger	3	2,100	3	2,100	3	2,100
Chief buffalo keeper	1	2,100	1	2,100	1	2,100
Chief electrician	1	2,150	1	2,150	1	2,100
Master painter	1	2,100	1	2,100	1	2,100
Steward and master of transportation	1	2,150	1	2,150	1	2,100
Park naturalist	1	2,100	1	2,100	1	2,100
Foreman	0.6	2,200	0.6	2,200	0.6	2,200
Plumber	1	1,980	1	1,980	1	1,980
Salary range, $1,680 to $2,040; average, $1,860—						
Foreman	1	1,980	1	1,980	1	1,980
Clerk	4	1,928	4	1,928	3.8	1,920
Assistant buffalo keeper	1	1,860	1	1,860	1	1,860
Ranger	6	1,870	6	1,870	6	1,870
Salary range, $1,500 to $1,860; average, $1,680—						
Clerk	2.7	1,692	2.7	1,692	3.3	1,704
Assistant buffalo keeper	1	1,680	1	1,680	0.8	1,680
Ranger	20	1,716	20	1,716	18.7	1,692
Auto mechanic	2.3	1,752	2.3	1,752	2.9	1,788
Carpenter	1	1,740	1	1,740	1	1,680
Electrician	1	1,740	1	1,740	1	1,680
Machinist	1	1,860	1	1,860	0.4	1,860
Blacksmith	1	1,860	1	1,860	1.2	1,800
Salary range, $1,320 to $1,680; average, $1,500—						
Electrician	1	1,620	1	1,620	1	1,620
Buffalo herder	1	1,500	1	1,500	1	1,500
Ranger	13.5	1,535	13.5	1,535	13	1,529
Telephone operator	1	1,320	1	1,320	1	1,320
Laborer	4	1,605	4	1,605	4	1,575
Salary range, $420 to $600; average, $510—						
Telephone operator	2.4	480	2.4	480	2.4	480
Total average number of employees	86		86		82.5	
Total salaries and wages, field service		162,255.00		162,255.00		155,945.00
Deduct allowance value of quarters furnished		15,505.00		15,505.00		15,079.00
Cash payment, salaries and wages		146,750.00		146,750.00		140,866.00
Miscellaneous and temporary labor		145,000.00		144,600.00		141,508.88
		291,750.00		291,350.00		282,374.88
Deduct expenditures for personal services included in objects named below		178,050.00		177,650.00		168,435.00
01 Total personal services		113,700.00		113,700.00		113,939.88

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Yellowstone National Park—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Supplies and materials:			
0200	Stationery and office supplies	$1,500.00	$1,500.00	$1,567.16
0210	Medical supplies	100.00	100.00	
0230	Fuel	5,200.00	5,200.00	4,689.09
0250	Forage	3,000.00	3,000.00	2,805.32
0260	Provisions	1,000.00	1,000.00	870.00
0280	Sundry supplies	1,200.00	1,200.00	1,201.50
0290	Materials	50.00	50.00	55.23
02	Total supplies and materials	12,050.00	12,050.00	11,189.30
03	Subsistence of persons	700.00	700.00	790.75
04	Subsistence of animals	100.00	100.00	90.00
	Communication service:			
0500	Telegraph service	300.00	300.00	247.76
0510	Telephone service	120.00	120.00	72.30
05	Total communication service	420.00	420.00	320.06
06	Travel expense	2,500.00	2,500.00	2,473.04
07	Transportation of things	3,000.00	3,000.00	2,715.51
08	Lithographing, engraving, and engrossing	1,500.00	1,500.00	1,447.50
11	Rents	500.00	500.00	542.22
	Repairs and alterations:			
1200	Buildings	15,500.00	15,500.00	17,285.31
1201	Grounds	3,000.00	3,000.00	2,812.60
1210	Roads	109,500.00	91,300.00	94,992.02
	Roads, east forest	8,400.00	8,400.00	7,593.16
	Roads, south forest	7,500.00	6,000.00	4,744.48
1211	Trails	4,000.00	4,000.00	3,992.51
1212	Electric system	2,900.00	2,700.00	2,661.50
1213	Telephone system	14,000.00	14,000.00	13,277.79
1220	Water and sewer systems	7,000.00	6,700.00	5,537.48
1250	Fences	300.00	300.00	464.99
1280	Machinery and equipment	20,975.00	20,100.00	19,044.07
	Passenger vehicles	3,825.00	2,000.00	3,313.41
12	Total repairs and alterations	196,700.00	174,000.00	175,719.32
	Special and miscellaneous current expenses:			
1327	Contingencies	400.00		
1382	Museum and information service	1,400.00	1,200.00	646.07
1383	Fish and game propagation	600.00	600.00	580.94
1384	Mosquito control	900.00	800.00	624.10
1385	Insect control	3,500.00		
1386	Control of predatory animals	100.00	75.00	31.28
1387	Operation of passenger vehicles	2,050.00	1,950.00	2,275.09
1388	Sanitation and garbage disposal	8,430.00	7,430.00	8,178.48
1389	Wood for camp grounds	2,400.00	2,100.00	2,092.39
1397	Plans, maps, and surveys	1,000.00	1,000.00	997.97
1398	Fire protection	150.00	150.00	118.31
1451	Ranch operation	22,400.00	22,100.00	21,088.28
13	Total special and miscellaneous current expenses	43,330.00	37,405.00	36,632.91
	Equipment:			
3000	Passenger-carrying vehicles	1,625.00	1,100.00	1,011.50
3010	Furniture, furnishings, and fixtures	1,000.00	1,000.00	2,199.34
3020	Educational and scientific equipment	2,000.00	1,800.00	868.18
3040	Livestock	800.00	625.00	577.50
3050	Other equipment	20,075.00	15,600.00	18,678.09
30	Total equipment	25,500.00	20,125.00	23,334.61
	Structures and parts:			
3211	Snowshoe cabins (2)	1,200.00	1,200.00	1,166.05
	Bunk house at Norris Junction	900.00		
	Mess house at Norris Junction	850.00		
	Bunk house at Madison Junction	1,200.00		
	Mess house at Canyon	900.00		
	Bunk house at Lewis River	900.00		
	Ranger and checking station at south entrance	4,000.00		
	Checking station at east entrance	750.00		
	Bunk house at Canyon		1,200.00	
	Bunk house at Tower Falls		900.00	
	Mess house at east entrance		850.00	
	Bunk house at east entrance		900.00	
	Stable at east entrance		900.00	
	Stable at Old Faithful		750.00	
3213	Extension and improvement of sewer and water systems	9,500.00	9,500.00	17,499.99
	Garbage incinerator	3,800.00	3,800.00	
3226	Construction and extension of camp grounds	10,000.00	10,000.00	9,999.98
32	Total structures and parts	34,000.00	30,000.00	28,666.02
			396,000.00	397,861.12
	Unobligated balance			138.88
	Reserve		4,000.00	
	Total	434,000.00	400,000.00	398,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Yosemite National Park—		
Yosemite National Park, California: For administration, protection, and maintenance, including not exceeding [$2,500] *$5,350* for the purchase, maintenance, operation and repair of horse-drawn and motor-driven passenger-carrying vehicles for the use of the superintendent and employees in connection with general park work, not exceeding $3,200 for maintenance of that part of the Wawona Road in the Sierra National Forest between the park boundary two miles north of Wawona and the park boundary near the Mariposa Grove of Big Trees, and not exceeding $2,000 for maintenance of the road in the Stanislaus National Forest connecting the Tioga Road with the Hetch Hetchy Road near Mather Station, [$256,000] *$290,000*; for construction of physical improvements, [$45,000] *$30,000*, of which not exceeding [$35,000] *$8,000* shall be available for [a hospital and for completion of equipment of same in Yosemite Valley, $2,000 for a detention building, $2,000 for a public comfort station,] *two comfort stations and two community buildings at the winter camp grounds*, and $6,000 for two employees' cottages; in all (*U. S. C., p. 392, sec. 44; act Jan. 12, 1927, vol. 44, p. 965*)	$320,000.00	$301,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $3,800 to $5,000; average, $4,400—						
Superintendent	1	$4,800	1	$4,800	1	$4,800
Chief landscape engineer	0.1	3,800	0.1	3,800	0.1	3,800
Salary range, $3,000 to $3,600; average, $3,300—						
Assistant superintendent	1	3,500	1	3,500	1	3,400
Engineer	1	3,500	1	3,500	1	3,400
Associate landscape engineer	0.2	3,000	0.2	3,000	0.2	3,000
Chief park naturalist	0.2	3,000	0.2	3,000	0.2	3,000
Salary range, $2,700 to $3,300; average, $3,000—						
Assistant engineer (electrical)	1	3,000	1	3,000	1	3,000
Park naturalist	1	3,000	1	3,000	1	3,000
Administrative assistant	1	3,000	1	3,000		
Salary range, $2,400 to $3,000; average, $2,700—						
Assistant landscape engineer	0.2	2,400	0.2	2,400	0.2	2,400
Chief ranger	1	2,800	1	2,800	1	2,700
Park supervisor	1	2,800	1	2,800	1	2,700
Assistant to the superintendent	1	2,600	1	2,600	1	2,600
Salary range, $2,100 to $2,700; average, $2,400—						
Master mechanic	1	2,700	1	2,700	1	2,600
Chief clerk					1	2,300
Assistant park supervisor	1	2,400	1	2,400	1	2,400
First assistant chief ranger	1	2,300	1	2,300	1	2,300
Electrician	1	2,100	1	2,100	1	2,100
Park naturalist	0.3	2,300	0.3	2,300	0.3	2,300
Sanitary inspector	1	2,400				
Salary range, $1,860 to $2,400; average, $2,100—						
Assistant chief ranger	3	2,100	3	2,100	3	2,100
Draftsman	1	2,100	1	2,100	1	2,100
General plumber	1	2,100	1	2,100	1	2,100
General carpenter	1	2,100	1	2,100	1	2,100
Salary range, $1,680 to $2,040; average, $1,860—						
Storekeeper and property clerk	1	1,980	1	1,920	1	2,100
Clerk	3	1,860	2	1,860	2	1,890
Salary range, $1,500 to $1,860; average, $1,680—						
Clerk-telegraph operator	1	1,740	1	1,740	1	1,740
Clerk	3	1,740	4	1,740	4	1,710
Assistant mechanic	1	1,740	1	1,680	1	1,860
General painter	1	1,680	1	1,680	1	1,680
Line foreman	1	1,800	1	1,800	1	1,740
Telegraph operator	1	1,680	0.8	1,680	0.8	1,680
Ranger	13	1,726	13	1,712	5	1,740
Salary range, $1,320 to $1,680; average, $1,500—						
Clerk	0.9	1,500	0.7	1,500	0.7	1,500
Carpenter	1	1,740	1	1,740	1	1,680
Blacksmith	1	1,740	1	1,680	1	1,680
Power-station operator	3.7	1,647	3	1,680	3	1,640
Ranger	12	1,620	9.3	1,620	9.3	1,620
Head teamster	1	1,740	1	1,740	1	1,680
Skilled laborer	1	1,740	1	1,740	1	1,680
Salary range, $1,140 to $1,500; average, $1,320—						
Chief telephone operator	1	1,440				
Telephone operator	5	1,320	4.4	1,320	4.4	1,320
Salary range, $600 to $780; average, $690—						
Messenger	1.2	660	0.7	660	0.7	660
Total average number of employees	73.8		66.9		58.9	
Total salaries and wages, field service		142,784.00		131,276.00		115,465.32
The difference between 1929 and 1928 is due to—						
Increase in force	$11,245					
Increase in salaries	263					
Total increase	11,508					
Deduct allowance value of quarters furnished		13,965.00		12,745.00		11,785.00
Cash payment, salaries and wages		128,819.00		118,531.00		103,680.32
Miscellaneous and temporary labor		120,000.00		125,000.00		109,426.11
		248,819.00		243,531.00		213,106.43
Deduct expenditures for personal services included in objects named below		148,344.00		150,056.00		127,531.00
01 Total personal services		100,475.00		93,475.00		85,575.43

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Yosemite National Park—Continued.					
02 Supplies and materials	$7,550.00	$6,650.00	$2,042.43		
Communication service:					
0500 Telegraph service	500.00	500.00	326.27		
0510 Telephone service	150.00	150.00	191.90		
0520 Other communication service	315.00	15.00	260.80		
Total communication service	965.00	665.00	778.97		
Travel expense	2,300.00	2,300.00	2,504.93		
Transportation of things	950.00	950.00	943.53		
Lithographing, engraving, and engrossing			2,626.81		
Rents	1,310.00	1,310.00	1,817.76		
Repairs and alterations:					
1200 Buildings	10,000.00	10,000.00	11,403.97		
1201 Grounds	3,000.00	3,000.00	3,134.63		
1210 Roads	47,600.00	45,600.00	36,905.20		
Hetch Hetchy outside park	2,000.00	2,000.00	1,996.88		
Wawona Hetchy outside park	3,200.00	3,200.00	3,162.81		
1211 Trails	6,600.00	6,600.00	7,371.43		
1212 Electric system	18,500.00	12,500.00	15,459.58		
1213 Telephone system	7,500.00	6,000.00	7,007.14		
1214 Telegraph system	750.00	750.00	549.38		
1220 Water system	6,500.00	5,000.00	5,049.70		
Sewer system	6,650.00	5,500.00	4,580.97		
1280 Machinery and equipment	13,550.00	13,050.00	12,145.23		
Passenger vehicles	1,750.00	1,400.00	1,149.07		
Total repairs and alterations	127,600.00	114,600.00	109,915.99		
Special and miscellaneous current expenses:					
1327 Contingencies	500.00				
1382 Museum and information service	2,000.00	2,000.00	2,230.70		
1383 Fish and game propagation	500.00	500.00	108.65		
1384 Mosquito control	1,500.00	1,500.00			
1387 Operation of passenger vehicles	1,000.00	700.00	533.29		
1388 Sanitation and garbage disposal	15,000.00	9,500.00	12,911.51		
1397 Plans, maps, and surveys	2,500.00	2,000.00	2,062.01		
1398 Fire protection	250.00	250.00	336.40		
1404 Operation of zoo	600.00	600.00	669.72		
Total special and miscellaneous current expenses	23,850.00	17,050.00	18,852.28		
Equipment:					
3000 Passenger-carrying vehicles	2,600.00				
3010 Furniture, furnishings, and fixtures	1,500.00	1,500.00	1,732.17		
3050 Other equipment	19,300.00	12,000.00	11,595.18		
Total equipment	23,400.00	13,500.00	13,327.35		
Structures and parts:					
3211 2 employees' cottages	6,000.00	6,000.00			
Hospital		35,000.00			
Detention building		2,000.00			
Comfort station in village		2,000.00			
Comfort station—Chinquapin			2,000.00		
El Portal gateway and ranger station			10,000.00		
3212 Plaza lighting	7,000.00				
Replacing poles on high-tension line	6,000.00				
Winter camp grounds	10,000.00				
Installation heating plant in museum	1,000.00				
Sewers, water, and walks, new village			1,527.60		
Entrance gate—Aspen Valley			105.82		
32 Total structures and parts	30,000.00	45,000.00	13,633.42		
33 Stores for resale	2,500.00	2,500.00	2,151.41		
		298,000.00	254,170.31		
Unobligated balance			2,469.69		
Reserve		3,000.00			
Total	320,000.00	301,000.00	256,640.00		

Zion National Park—

Zion National Park, Utah: For administration, protection, and maintenance, including not exceeding $800 for the [purchase,] maintenance, operation, and repair of motor-driven passenger-carrying vehicles for the use of the superintendent and employees in connection with general park work, [$22,500] *$25,000*; for construction of physical improvements, [$8,400] *$13,000*; including not exceeding [$6,500] *$7,000* for the construction of buildings, of which [$2,000] *$4,500* shall be available for [an equipment shelter] *a warehouse*, and [$3,000] *$2,500* for a [residence for the superintendent] *ranger cabin*; in all (*U. S. C., p. 409, sec. 344; act Jan. 12, 1927, vol. 44, p. 965*) $38,000.00 $30,900.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Zion National Park—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Field service:			
Salaries and wages—	*Average—*	*Average—*	*Average—*
Salary range, $3,000 to $3,600; average, $3,300—	*No.* *Salary*	*No.* *Salary*	*No.* *Salary*
Superintendent	1 $3,100	1 $3,000	0.7 $3,000
Salary range, $1,860 to $2,400; average, $2,100—			
Chief ranger	1 2,100	1 2,100	1 2,000
Chief clerk	1 2,040	1 1,980	1 1,920
Salary range, $1,500 to $1,860; average, $1,680—			
Ranger	2 1,710	2 1,680	2 1,620
Clerk-stenographer	1 1,500		
Ranger nature guide	0.3 1,560	0.3 1,560	0.3 1,680
Salary range, $1,320 to $1,680; average, $1,500—			
Ranger	0.8 1,380	0.8 1,380	
Total average number of employees	7.1	6.1	5
Total salaries and wages, field service	13,732.00	12,012.00	10,457.59
The difference between 1929 and 1928 is due to—			
Increase in force	$1,500		
Increase in salaries	220		
Total increase	1,720		
Deduct allowance value of quarters furnished	480.00	480.00	246.67
Cash payment, salaries and wages	13,252.00	11,532.00	10,210.92
Miscellaneous and temporary labor	13,000.00	12,300.00	5,059.21
	26,252.00	23,832.00	15,270.13
Deduct expenditures for personal services included in objects named below	12,902.00	12,202.00	5,059.21
01 Total personal services	13,350.00	11,630.00	10,210.92
Supplies and materials:			
0200 Stationery and office supplies	200.00	200.00	143.98
0210 Medical supplies	50.00	50.00	
0230 Fuel	400.00	400.00	124.25
0250 Forage	600.00	600.00	568.69
0280 Sundry supplies	255.00	255.00	249.59
02 Total supplies and materials	1,505.00	1,505.00	1,086.51
Communication service:			
0500 Telegraph service	50.00	50.00	33.44
0510 Telephone service	50.00	50.00	29.22
05 Total communication service	100.00	100.00	62.66
06 Travel expense	650.00	650.00	558.11
07 Transportation of things	500.00	500.00	559.41
Repairs and alterations:			
1200 Buildings	600.00	600.00	535.82
1210 Roads	2,515.00	2,085.00	2,196.98
1211 Trails	1,500.00	1,500.00	861.70
1280 Machinery and equipment	900.00	900.00	468.99
Passenger vehicles	100.00	100.00	148.25
1290 Miscellaneous repairs	500.00	500.00	347.18
12 Total repairs and alterations	6,115.00	5,685.00	4,558.92
Special and miscellaneous:			
1327 Contingencies	310.00		
1387 Operation of passenger vehicles	500.00	500.00	354.83
1388 Sanitation and garbage disposal	425.00	200.00	
1389 Wood for camp grounds	200.00	200.00	143.00
13 Total special and miscellaneous	1,435.00	900.00	497.83
30 Equipment	3,145.00	1,220.00	1,744.68
Structures and parts:			
3211 Ranger cabin	2,500.00	1,500.00	
Warehouse	4,500.00		
Equipment shelter		2,000.00	
Superintendent's residence		3,000.00	
Machine shop			1,500.00
3212 Telephone line		1,100.00	
3213 Water system	4,000.00		
Sewer system	1,000.00		
3226 Camp ground development	1,000.00	800.00	993.48
32 Total structures and parts	13,000.00	8,400.00	2,493.48
		30,590.00	21,772.52
Unobligated balance			227.48
Reserve		310.00	
Total	38,000.00	30,900.00	22,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Protection of National Monuments—		
National monuments: For administration, protection, maintenance, preservation, and improvement of the national monuments, including not exceeding [$400] *$1,750* for the purchase, maintenance, operation, and repair of motor-driven passenger-carrying vehicles for the use of the custodians and employees in connection with general monument work, and including [$500] *$2,000* for the construction of [a shelter cabin, and $500 for the construction of a telephone line partly outside the boundary of Pinnacles National Monument] *employees' quarters at Casa Grande National Monument* [$25,000, of which $600 shall be immediately available] *(U. S. C., p. 416, sec. 431; act Jan. 12, 1927, vol. 44, p. 965)*	$30,000.00	$25,000.00

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Field service:						
	Salaries and wages—	*Average—*		*Average—*		*Average—*	
		No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Salary range, $2,100 to $2,700; average, $2,400—						
	Superintendent	1	$2,300	1	$2,200	1	$2,100
	Salary range, $1,860 to $2,400; average, $2,040—						
	Custodian	1	1,860	1	1,860	1	1,800
	Salary range, $1,680 to $2,040; average, $1,860—						
	Custodian	2	1,680	1	1,680		
	Salary range, $1,500 to $1,860; average, $1,680—						
	Custodian			1.3	1,500	1	1,500
	Salary range, $1,320 to $1,680; average, $1,500—						
	Ranger	1	1,320	1	1,320	3	1,320
	Clerk	1	1,380	1	1,320		
	Custodian	1	1,320				
	Salary range, $1,140 to $1,500; average, $1,320—						
	Ranger	2.2	1,200	2.2	1,200		
	Custodian	0.6	1,200				
	Salary range, $240 to $420; average, $330—						
	Custodian	1	384	1	384	1	384
	Custodian	2	360	2	360	2	240
	No salary range—						
	Custodian			1	120	1	120
	Custodian	14	12	14	12	16	12
	Total average number of employees	26.8		26.5		26	
	Total salaries and wages, field service		16,172.00		14,362.00		10,536.00
	The difference between 1929 and 1928 is due to—						
	Increase in force	$1,650					
	Increase in salaries	160					
	Total increase	1,810					
	Deduct allowance value of quarters furnished		740.00		380.00		540.00
	Cash payment, salaries and wages		15,432.00		13,982.00		9,996.00
	Miscellaneous and temporary labor		8,000.00		8,000.00		6,942.89
			23,432.00		21,982.00		16,938.89
	Deduct expenditures for personal services included in objects named below		8,065.00		8,115.00		6,384.00
01	Total personal services		15,367.00		13,867.00		10,554.89
	Supplies and materials:						
0200	Stationery and office supplies		140.00		136.00		78.00
0280	Sundry supplies		360.00		360.00		348.82
02	Total supplies and materials		500.00		496.00		426.82
	Communication service:						
0500	Telegraph service		50.00		50.00		37.53
0510	Telephone service		135.00		115.00		109.90
05	Total communication service		185.00		165.00		147.43
06	Travel expense		700.00		600.00		751.55
07	Transportation of things		50.00		50.00		72.12
	Repairs and alterations:						
1200	Buildings		185.00		185.00		147.08
1210	Roads		1,425.00		1,250.00		1,383.29
1211	Trails		650.00		135.00		226.00
1250	Fences		50.00		50.00		10.00
1280	Machinery and equipment		200.00		610.00		602.70
1290	Miscellaneous repairs		4,853.00		4,353.00		4,928.08
12	Total repairs and alterations		7,363.00		6,583.00		7,297.15
	Special and miscellaneous current expenses:						
1327	Contingencies		30.00		24.00		
1382	Museum and information service		135.00		135.00		73.40
1387	Operation of passenger vehicles		500.00		100.00		71.45
1388	Sanitation and garbage disposal		370.00		370.00		220.00
13	Total special and miscellaneous current expenses		1,035.00		629.00		364.85
	Equipment:						
3000	Passenger-carrying vehicles		1,200.00				
3050	Other equipment		100.00		100.00		440.00
30	Total equipment		1,300.00		100.00		440.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Protection of National Monuments—Continued

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Structures and parts:			
3211 Shelter cabin		$500.00	
Employees' quarters, Casa Grande	$2,000.00		
Telephone line, Pinnacles		500.00	
3213 Water supply	200.00	110.00	$164.24
3217 Fencing	580.00	400.00	460.00
3226 Camp grounds	720.00	500.00	188.90
32 Total structures and parts	3,500.00	2,010.00	813.14
		24,500.00	20,867.95
Unobligated balance			402.05
Reserve		500.00	
Total	30,000.00	25,000.00	21,270.00

Carlsbad Cave National Monument—

Carlsbad Cave National Monument, New Mexico: For administration, protection, maintenance, *and* preservation [and improvement], *including not exceeding $1,500 for the purchase, maintenance, operation, and repair of motor-driven passenger-carrying vehicles for the use of the custodian and employees in connection with general monument work, $34,000; for construction of physical improvements, $6,000,* including *not exceeding* [$2,500] *$2,000* for [the construction of a bunk house for laborers] *a ranger cabin*; in all (*U. S. C., p. 416, sec. 431; act Jan. 12, 1927, vol. 44, p. 965*) $40,000.00 $30,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
Salary range, $2,100 to $2,700; average, $2,400—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Custodian	1	$2,100	1	$2,100	0.2	$2,100
Clerk					0.3	2,100
Salary range, $1,860 to $2,400; average, $2,100—						
Chief guide	1	2,200	1	2,100	1	2,100
Salary range, $1,320 to $1,680; average, $1,500—						
Guide	1	1,440	1	1,380		
Salary range, $1,140 to $1,500; average, $1,320—						
Guide	3	1,160	1	1,140	1	1,140
No salary range—						
Custodian					0.8	12
Total average number of employees on a per annum basis	6		4		3.3	
Total salaries and wages, field service		9,220		6,720		4,300
Deduct allowance value of quarters furnished		240		240		240
Cash payment, salaries and wages, permanent employees		8,980.00		6,480.00		4,060.00
Temporary service:						
Assistant guides, at $4 per day	4.7		1.9		1.3	
Total salaries, temporary employees		6,720.00		2,800.00		2,178.24
Total cash payment, salaries and wages		15,700.00		9,280.00		6,238.24
The difference between 1929 and 1928 is due to—						
Increase in force	$6,240					
Increase in salaries	180					
Total increase	6,420					
Miscellaneous and temporary labor		5,000.00		2,500.00		632.00
		20,700.00		11,780.00		6,870.24
Deduct expenditures for personal services included in objects named below		5,000.00		2,500.00		632.00
01 Total personal services		15,700.00		9,280.00		6,238.24
Supplies and materials:						
0200 Stationery and office supplies		230.00		215.00		52.38
0210 Medical supplies		50.00				
0230 Fuel		500.00		200.00		89.39
0280 Sundry supplies		1,250.00		1,200.00		1,431.72
02 Total supplies and materials		2,030.00		1,615.00		1,573.49
05 Communication service		340.00		125.00		57.62
06 Travel expense		380.00		380.00		227.94
07 Transportation of things		500.00		500.00		390.89
11 Rents		400.00		400.00		
12 Repairs and alterations		2,750.00		750.00		619.67

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Carlsbad Cave National Monument—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Special and miscellaneous:			
1327	Operation of light plant	$1,500.00	$1,300.00	$1,200.18
1387	Operation of passenger vehicles	400.00		
1388	Sanitation and garbage disposal	3,000.00	1,500.00	1,457.30
13	Total special and miscellaneous	4,900.00	2,800.00	2,657.48
	Equipment:			
3000	Passenger-carrying vehicles	1,000.00		
3010	Furniture, furnishings, and fixtures			113.20
3050	Lighting equipment	6,000.00	6,000.00	1,493.26
	Motor truck		800.00	
30	Total equipment	7,000.00	6,800.00	1,606.46
	Structures and parts:			
3211	Ranger cabin	2,000.00		
	Cabins for employees	2,500.00	2,500.00	
	Comfort stations in cave			365.34
	Underground pathways and trails	1,500.00		926.68
3213	Water system		2,000.00	
	Sewer system		2,550.00	
32	Total structures and parts	6,000.00	7,050.00	1,292.02
			29,700.00	14,663.81
	Unobligated balance			336.19
	Reserve		300.00	
	Total	40,000.00	30,000.00	15,000.00

Ten per centum of the foregoing amounts shall be available interchangeably for expenditures in the various national parks named, and in the national monuments, but not more than 10 per centum shall be added to the amount appropriated for any one of said parks or monuments or for any particular item within a park or monument: *Provided*, That any interchange of appropriations hereunder shall be reported to Congress in the annual Budget.

Emergency Reconstruction and Fighting Forest Fires in National Parks—

For reconstruction, replacement, and repair of roads, trails, bridges, buildings, and other physical improvements in national parks or national monuments that are damaged or destroyed by flood, fire, storm, or other unavoidable causes during the fiscal year [1928] *1929*, and for fighting forest fires in national parks or other areas administered by the National Park Service, or fires that endanger such areas, and for replacing buildings or other physical improvements that have been destroyed by forest fires within such areas, $40,000, together with not to exceed $60,000 to be transferred upon the approval of the Secretary of the Interior from the various appropriations for national parks and national monuments herein contained, any such diversions of appropriations to be reported to Congress in the annual Budget: *Provided*, That these funds shall not be used for any precautionary fire protection or patrol work prior to actual occurrence of the fire: *Provided further*, That the allotment of these funds to the various national parks or areas administered by the National Park Service as may be required for fire-fighting purposes shall be made by the Secretary of the Interior, and then only after the obligation for the expenditure has been incurred (*act Jan. 12, 1927, vol. 44, p. 966*) $40,000.00 $40,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Special and miscellaneous:			
Repair of flood damage—			
Hot Springs			$187.32
Lassen			595.95
Mount Rainier			7,388.60
Platt			3,891.02
Sequoia			9,447.10
Yosemite			1,810.63
Zion			863.00
Muir Woods			249.33
Sitka			250.00
Total flood damage			24,682.05

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Emergency Reconstruction and Fighting Forest Fires in National Parks—Contd.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Fighting forest fires—			
Crater Lake			$392.00
Glacier			220,987.57
Grand Canyon			340.00
Mount Rainier			348.90
Sequoia			25,518.95
Yosemite			5,474.45
Zion			57.50
Total fighting forest fires			253,119.37
			277,802.32
Unobligated balance			9,069.41
			286,871.73
Less amounts paid from park appropriations:			
Glacier $11,759.29			
Sequoia 112.44			
			11,871.73
To be expended as emergency arises	$40,000.00	$40,000.00	
13 Total special and miscellaneous	40,000.00	40,000.00	[1] 275,000.00

[1] Includes expenditures from $235,000 included in first deficiency act, fiscal year 1927.

Purchase of Lands, National Parks—

For purchase of privately owned lands within the boundaries of any national park, $50,000, to be expended only when matched by equal amounts by donation from other sources for the same purpose, to be available until expended (*act Jan. 12, 1927, vol. 44, p. 966*) ..... $50,000.00 | $50,000.00

31 Purchase of lands in national parks: Expenditures—1929, $50,000; 1928, $50,000.

Insect Infestations, National Park Service—

[To enable the Secretary of the Interior to meet the emergencies caused by forest insects within national parks and national monuments under the jurisdiction of the Department of the Interior and to provide personnel and equipment for the investigation, control, and prevention of spread of such insects, to be expended directly or in cooperation with other departments of the Federal Government or with States] (*act Jan. 12, 1927, vol. 44, p. 966*) ..... | 7,500.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Special and miscellaneous:			
Insect control work—			
Crater Lake			$3,810.71
Glacier			
Rocky Mountain			
Mount Ranier			
Yellowstone		$3,500.00	1,611.90
Yosemite			
Other (cooperative work)		4,000.00	4,000.00
13 Total special and miscellaneous		7,500.00	9,422.61
30 Equipment			8,921.86
			18,344.47
Unobligated balance			1,655.53
Total		7,500.00	20,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Roads and Trails, National Parks—		
Construction, and so forth, of roads and trails: For the construction, reconstruction, and improvement of roads and trails, inclusive of necessary bridges, in the national parks and monuments under the jurisdiction of the Department of the Interior, including the roads from Glacier Park Station through the Blackfeet Indian Reservation to various points in the boundary line of the Glacier National Park and the international boundary, [$2,000,000] *to be immediately available and remain available until expended, $2,500,000, which includes $1,500,000, the remainder of the amount of the contractual authorization contained in the Act making appropriations for the Department of the Interior for the fiscal year 1928, approved January 12, 1927: Provided, That not to exceed $9,000 of the amount herein appropriated,* [of which amount not to exceed $7,500] may be expended for personal services in the District of Columbia, *during the fiscal year 1929: Provided further,* That *in addition to the amount herein appropriated* the Secretary of the Interior may also approve projects, incur obligations, and enter into contracts for additional work not exceeding a total of [$2,500,000], *$1,500,000* and his action in so doing shall be deemed a contractual obligation of the Federal Government for the payment of the cost thereof, and appropriations hereafter made for the construction of roads in national parks and monuments shall be considered available for the purpose of discharging the obligations so created (*U. S. C., p. 390, sec. 8; act Jan. 12, 1927, vol. 44, p. 966*)	$2, 500, 000. 00	$2, 000, 000. 00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average— No.	Salary	*Average—* No.	Salary	*Average—* No.	Salary
Departmental service:						
Salaries—						
Clerical, administrative, and fiscal service—						
Grade 9, $3,000 to $3,600; average, $3,300—						
Investigator (accountant and auditor)			0. 5	$3, 200	0. 7	$3, 025
Grade 7, $2,400 to $3,000; average, $2,700—						
Accountant	0. 3	$2, 800	0. 3	2, 800		
Grade 5, $1,860 to $2,400; average, $2,100—						
Senior clerk	1. 3	1, 895	1. 3	1, 875	0. 2	1, 860
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	2	1, 500	1	1, 500	0. 8	1, 524
Senior stenographer			0. 3	1, 560	0. 5	1, 500
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	1	1, 320			0. 1	1, 320
Grade 1, $1,140 to $1,500; average, $1,320—						
Clerk-typist	1	1, 200	1	1, 200	1	1, 200
Total average number of employees	5. 6		4. 4		3. 3	
Total salaries, departmental service		8, 824		8, 046		5, 791
The difference between 1929 and 1928 is due to—						
Increase in force	$752					
Increase in salaries	26					
Total increase	778					
Field service:						
Salaries and wages—						
Salary range, $5,200 to $6,000; average, $5,600—						
Chief engineer	1	5, 200	0. 8	5, 200		
Salary range, $3,800 to $5,000; average, $4,400—						
Civil engineer			0. 5	4, 200	1	4, 200
Salary range, $2,400 to $3,000; average, $2,700—						
Assistant engineer	1	2, 600	1	2, 600	1	2, 600
Assistant engineering draftsman	1	2, 700	1	2, 700	1	2, 700
Salary range, $2,100 to $2,700; average, $2,400—						
Principal engineering draftsman	1	2, 300	1	2, 300	1	2, 300
Chief clerk	1	2, 300	1	2, 300	1	2, 300
Salary range, $1,500 to $1,860; average, $1,680—						
Stenographer	1	1, 680	1	1, 680	1	1, 680
Total average number of employees	6		6. 3		6	
Total salaries and wages, field service		16, 780		17, 840		15, 780
The difference between 1929 and 1928 is due to decrease in force, $1,060.						
Deduct allowance value of quarters furnished		980		1, 180		1, 380
Net salaries and wages, field service		15, 800		16, 660		14, 400
01 Total personal services		24, 624		24, 706		20, 191
02 Supplies and materials		500. 00		500. 00		500. 00
05 Communication service		500. 00		500. 00		461. 53
06 Travel expense		3, 500. 00		3, 500. 00		3, 571. 97
07 Transportation of things		100. 00		100. 00		71. 31
08 Lithographing, engraving, and engrossing		300. 00		300. 00		274. 38
32 Construction of roads, trails, and bridges		2, 150, 476. 00		1, 635, 294. 00		1, 676, 142. 81
		2, 180, 000. 00		1, 664, 900. 00		1, 701, 213. 00
Add amounts transferred to other departments and establishments—						
War Department				16, 000. 00		50, 000. 00
Bureau of Public Roads		320, 000. 00		319, 100. 00		248, 787. 00
Total		2, 500, 000. 00		2, 000, 000. 00		2, 000, 000. 00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Southern Appalachian National Parks— To enable the Secretary of the Interior to carry out the provisions of the act entitled "An act for the securing of lands in the southern Appalachian Mountains and in the Mammoth Cave regions of Kentucky for perpetual preservation as national parks," approved February 21, 1925, the act entitled "An act to provide for the establishment of the Shenandoah National Park in the State of Virginia and the Great Smoky Mountain National Park in the States of North Carolina and Tennessee, and for other purposes," approved May 22, 1926, and the act entitled "An act to provide for the establishment of the Mammoth Cave National Park in the State of Kentucky, and for other purposes," approved May 25, 1926, including personal services in the District of Columbia and elsewhere, traveling expenses of members and employees of the commission, printing and binding, and other necessary incidental expenses (*U. S. C., p. 1936, secs. 403, 404; acts Feb. 21, 1925, vol. 43, p. 958; Jan. 12, 1927, vol. 44, p. 965*)	$3,000.00	$5,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Departmental service:			
	Salaries—			
	Clerical, administrative, and fiscal—	*Average—*	*Average—*	*Average—*
	Grade 5, $1,860 to $2,400; average, $2,100—	*No. Salary*	*No. Salary*	*No. Salary*
01	Clerk		1 $2,000.00	1 $2,000.00
02	Supplies and materials	$200.00	150.00	420.95
05	Communication service	100.00	100.00	68.30
06	Travel expense	2,000.00	1,900.00	2,415.35
07	Transportation of things			10.43
08	Photographing, lithographing, and drafting of maps	700.00	550.00	337.18
13	Special and miscellaneous			2,000.00
			4,700.00	7,252.21
	Unobligated balance			293.79
	Reserve		300.00	
	Total	3,000.00	5,000.00	[1] 7,546.00

[1] Unexpended balance of appropriation of $20,000 made available for expenditure during 1927 by the act of July 3, 1926 (vol. 44, p. 857).

None of the appropriations contained in this act for the National Park Service shall be available for expenditure within any park or national monument wherein a charge is made or collected by the Park Service for camp-ground privileges.

Appropriations herein made for the National Park Service which are available for the purchase of equipment may be used for purchase of waterproof footwear which shall be regarded and listed as park equipment.

Appropriations herein made for construction of physical improvements in national parks shall be immediately available.

Appropriations herein made for national parks shall be available for payment of traveling expenses, including the costs of packing, crating, and transportation (including drayage) of personal effects of employees upon permanent change of station, under regulations to be prescribed by the Secretary of the Interior.

Total, National Park Service, annual appropriations	4,560,250.00	3,874,685.00
Indefinite appropriations:		
Purchase of Lands, National Parks, Special Fund— For the purchase of privately owned lands within the boundaries of any national park, $50,000, to be expended only when matched by equal amounts by donation from other sources for the same purpose, to be available until expended (*act Jan. 12, 1927, vol. 44, p. 966*)	50,000.00	
31 Purchase of lands in National Parks: Expenditures—1929, $50,000; 1928, $50,000.		
Donations to National Park Service— Hereafter the Secretary of the Interior in his administration of the National Park Service is authorized, in his discretion, to accept patented lands, rights of way over patented lands or other lands, buildings, or other property within the various national parks and national monuments, and moneys which may be donated for the purposes of the national park and monument system (*U. S. C., p. 389, sec. 6*)	2,000.00	
13 Special and miscellaneous: Expenditures—1929, $2,000; 1928, $17,000; 1927, $9,717.57.		
Total indefinite appropriations	52,000.00	
Total under National Park Service	4,612,250.00	3,874,685.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
BUREAU OF EDUCATION		
Salaries, Bureau of Education—		
For the Commissioner of Education and other personal services in the District of Columbia in accordance with the classification act of 1923 (*U. S. C., p. 609, sec. 1; act Jan. 12, 1927, vol. 44, p. 967*)	$212,300.00	$212,300.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional service—	*Average*—		*Average*—		*Average*—	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 6, $6,000 to $7,500; average, $6,750—						
Chief educationist (chief of bureau)	1	$7,500	1	$7,500	1	$7,000
Grade 5, $5,200 to $6,000; average, $5,600—						
Senior educationist (chief of division)	4	5,250	2.9	5,354	3	5,200
Grade 4, $3,800 to $5,000; average, $4,400—						
Educationist	8.6	3,867	9.8	3,894	7.1	3,881
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate educationist	7	3,014	6.8	3,047	4.5	3,064
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant librarian (chief of division)	1	2,800	1	2,800	1	2,800
Assistant educationist	5	2,500	5	2,500	7.4	2,595
Grade 1, $1,860 to $2,400; average, $2,111.42—						
Junior librarian	3	2,067	3	2,067	3	2,053
Junior educationist	2	2,110	2	2,110	2	2,110
Subprofessional service—						
Grade 5, $1,680 to $2,040; average, $1,860—						
Library assistant	1	1,860	1	1,860	1	1,860
Grade 4, $1,500 to $1,860; average, $1,680—						
Junior library assistant	1	1,560	1	1,560	0.2	1,500
Grade 3, $1,320 to $1,680; average, $1,500—						
Underlibrary assistant					0.8	1,500
Grade 2, $1,140 to $1,500; average, $1,320—						
Minor library assistant	2	1,140	2	1,140	1.9	1,169
Clerical, administrative, and fiscal service—						
Grade 11, $3,800 to $5,000; average, $4,400—						
Administrative officer (chief clerk)	1	4,000	1	4,000	1	3,800
Grade 9, $3,000 to $3,600; average, $3,300—						
Senior administrative assistant (chief of division)	1	3,400	1	3,400	1	3,300
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant (secretary to commissioner)	1	2,700	1	2,700	1	2,700
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	6	2,450	6	2,483	5.1	2,497
Principal translator	2	2,150	1.8	2,194	1.9	2,057
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	3	2,100	2.8	2,100	2.9	2,128
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	3	1,800	3	1,800	2.8	1,797
Clerk-stenographer	3	1,960	3	1,960	3	1,930
Principal stenographer	1	1,740	1	1,740	1	1,740
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	4	1,665	4	1,665	4.6	1,667
Assistant clerk-stenographer	6	1,607	6.8	1,649	4	1,649
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	7	1,483	7	1,483	7.2	1,500
Junior clerk-stenographer	11	1,489	11	1,489	13	1,469
Senior typist	1	1,440	1	1,440	1	1,350
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	2	1,350	2	1,350	2	1,350
Custodial service—						
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger	2	1,140	2	1,140	2	1,140
Grade 1, $600 to $780; average, $690—						
Junior messenger					0.1	690
Total average number of employees	89.6		89.9		86.4	
01 Total salaries, departmental service		212,300		212,300		197,447
The difference between 1929 and 1928 is due to increase in force, $12,640.						
Unobligated balance						9,553
Total		212,300		[1] 212,300		207,000

[1] Includes $2,000 in reserve, which will be used during 1928.

General Expenses, Bureau of Education—		
For necessary traveling expenses of the commissioner and employees acting under his direction, including attendance at meetings of educational associations, societies, and other organizations; for compensation not to exceed $1,200 of employees in field service; for purchase, distribution, and exchange of educational documents, motion-picture films, and lantern slides; collection, exchange, and cataloguing of educational apparatus and appliances, articles of school furniture, and models of school buildings illustrative of foreign and domestic systems and methods of education, and repairing the same; and other expenses not herein provided for (*acts July 12, 1870, vol. 16, p. 242, sec. 1; Mar. 3, 1881, vol. 21, p. 409, sec. 1; Mar. 4, 1913, vol. 37, p. 775, sec. 1; Jan. 12, 1927, vol. 44, p. 967*)	15,000.00	11,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

General Expenses, Bureau of Education—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
Salary range, $3,300 to $3,900; average, $3,600—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Special agent in schoolhouse construction	0.1	$3,600	0.3	$3,600	0.3	$3,600
Special collaborator, $1 per annum	32	1	32	1	32	1
Total average number of employees	32.1		32.3		32.3	
01 Total salaries and wages, field service		360		1,080		1,070
The difference between 1929 and 1928 is due to decrease in force, $720.						
02 Supplies and materials		2,000.00		1,500.00		1,354.70
Travel expenses:						
0615 Transportation		6,800.00		3,850.00		5,667.82
0616 Subsistence		5,600.00		3,150.00		4,642.93
06 Total travel expenses		12,400.00		7,000.00		10,310.75
07 Transportation of things		100.00		100.00		67.95
11 Rent of rooms for conferences		50.00		50.00		
13 Special and miscellaneous current expenses		90.00		270.00		
				10,000.00		12,803.40
Unobligated balance						1,796.60
Reserve				1,000.00		
Total		15,000.00		11,000.00		14,600.00

Investigation of Land-Grant Colleges, Bureau of Education—

For all expenses, including personal service in the District of Columbia and elsewhere, purchase of supplies, traveling expenses, printing, and all other incidental expenses not included in the foregoing, to enable the Secretary of the Interior, through the Bureau of Education, at a total cost of not to exceed $117,000, to make a study of the organization, administration, and work of the land-grant institutions established and endowed by acts of Congress approved July 2, 1862 (Twelfth Statutes, page 503), August 30, 1890 (Twenty-sixth Statutes, page 417), March 4, 1907 (Thirty-fourth Statutes, page 1281), and acts amendatory thereof or supplementary thereto, [$61,000] *$48,000*: *Provided*, That specialists and experts for this investigation may be employed at rates to be fixed by the Secretary of the Interior to correspond to those established by the classification act of 1923, and without reference to the civil service act of January 16, 1883 (*act Jan. 12, 1927, vol. 44, p. 967*) $48,000.00 $61,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Clerical, administrative, and fiscal service—	*Average—*		*Average—*		*Average—*	
Grade 10, $3,300 to $3,900; average, $3,600—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Assistant to director of survey	1	$3,600	0.8	$3,600		
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	1	1,560	0.9	1,560		
Assistant clerk-stenographer	4	1,500	3.7	1,500		
Total average number of employees	6		5.4			
Total salaries, departmental service		11,160		9,630		
The difference between 1929 and 1928 is due to increase in force, $1,530.						
Field service:						
Salaries and wages—						
Salary range, $7,500—						
Educational expert and consultant	0.5	7,500	1	7,500		
Grade 16, $5,200 to $6,000; average, $5,600—						
Senior educationist	2.5	5,200	2.8	5,200		
Grade 15, $3,800 to $5,000; average, $4,400—						
Educationist	1.3	4,146	1.2	4,392		
Grade 11, $2,400 to $3,000; average, $2,700—						
Assistant librarian			1	2,400		
Total average number of employees	4.3		6			
Total salaries, field service		22,140		29,870		
The difference between 1929 and 1928 is due to decrease in force, $7,730.						
01 Total personal services		33,300		39,500		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Investigation of Land-Grant Colleges, Bureau of Education—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Travel expenses:			
0615 Transportation	$5,0000	$8,000	
0616 Subsistence	7,200	10,300	
06 Total travel expenses	12,200	18,300	
08 Printing and binding	2,000	1,500	
13 Special and miscellaneous expenses	500	700	
		60,000	
Reserve		1,000	
Total	48,000	61,000	

Education of Natives of Alaska—

Education in Alaska: To enable the Secretary of the Interior, in his discretion and under his direction, to provide for the education and support of the Eskimos, Aleuts, Indians, and other natives of Alaska, including necessary traveling expenses of pupils to and from industrial boarding schools in Alaska; erection, repair, and rental of school buildings; text books and industrial apparatus; pay and necessary traveling expenses of superintendents, teachers, physicians, and other employees [, including traveling expenses of new appointees from Seattle, Washington, to their posts of duty in Alaska; packing, crating, and transportation (including drayage) of personal effects of employees upon permanent change of station within Alaska, under regulations to be prescribed by the Secretary of the Interior]; repair, equipment, maintenance, and operation of United States ship Boxer, and all other necessary miscellaneous expenses which are not included under the above special heads, including [$263,830] *$268,200* for salaries in the District of Columbia and elsewhere, [$14,000] *$15,000* for traveling expenses, [$107,500] *$109,000* for equipment, supplies, fuel, and light, [$16,470] *$17,500* for repairs of buildings, [$18,200 for erection of buildings,] $42,000 for freight, including operation of United States ship Boxer, $4,000 for equipment and repairs to United States ship Boxer, [$2,400] *$3,000* for rentals, and [$1,000] *$1,300* for telephone and telegraph; total [$469,400] *$460,000*, to be immediately available: *Provided*, That not to exceed 10 per centum of the amounts appropriated for the various items in this paragraph shall be available interchangeably for expenditures on the objects included in this paragraph, but no more than 10 per centum shall be added to any one item of appropriation except in cases of extraordinary emergency and then only upon the written order of the Secretary of the Interior: *Provided further*, That of said sum not exceeding $7,100 may be expended for personal services in the District of Columbia: *Provided further*, That all expenditures of money appropriated herein for school purposes in Alaska for schools other than those for the education of white children under the jurisdiction of the governor thereof shall be under the supervision and direction of the Commissioner of Education and in conformity with such conditions, rules, and regulations as to conduct and methods of instruction and expenditures of money as may from time to time be recommended by him and approved by the Secretary of the Interior (*U. S. C., p. 1572, sec. 169; p. 1573, sec. 173; act Jan. 12, 1927, vol. 44, pp. 967–968*) — $460,000.00 — $469,400.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Clerical, administrative, and fiscal service—	*Average—*		*Average—*		*Average—*	
Grade 7, $2,400 to $3,000; average, $2,700—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Junior administrative assistant	1	$2,700	1	$2,700	1	$2,700
Assistant accountant and auditor	1	2,700	1	2,700	1	2,700
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	1	1,560	1	1,560	1	1,526
Total average number of employees	3		3		3	
Total salaries, departmental service		6,960		6,960		6,926
Field service:						
Salaries and wages—						
Salary range, $3,800 to $5,000; average, $4,400—						
Chief of Alaska Division	1	4,200	1	4,200	1	4,200
Office manager	0.5	3,800	0.5	3,800	0.5	3,800
Salary range, $3,300 to $3,900; average, $3,600—						
Purchasing agent	0.3	3,600	0.2	3,600	0.2	3,600
Disbursing agent	0.3	3,300	0.2	3,300	0.2	3,300

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Education of Natives of Alaska—Continued.

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
		Average—		*Average*—		*Average*—	
		No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Field service—Continued.						
	Salaries and wages—Continued.						
	Salary range, $3,000 to $3,600; average, $3,300—						
	District superintendent	6	$3,133	6	$3,100	6	$3,117
	Salary range, $2,400 to $3,000; average, $2,700—						
	Industrial director	3	2,947	3	2,947	3	2,947
	Salary range, $2,100 to $2,700; average, $2,400—						
	Freight clerk	0.3	2,700	0.2	2,700	0.2	2,700
	Principal clerk	1	2,400	1	2,400	1	2,400
	Clerk	0.4	2,100	0.2	2,100	0.2	2,100
	Salary range, $1,860 to $2,400; average, $2,100—						
	Senior accountant and assistant auditor	1	2,200	1	2,200	1	2,100
	Stenographer	0.3	2,100	0.2	2,100	0.2	2,100
	Teacher	2	2,300	2	2,300	2	2,300
	Salary range, $1,680 to $2,040; average, $1,860—						
	Clerk	1	1,860	1	1,860	1	1,800
	Stenographer	0.3	1,680	0.2	1,680	0.2	1,680
	Teacher	59.2	1,980	59.2	1,980	54.9	1,980
	Matron	1	1,980				
	Salary range, $1,500 to $1,860; average, $1,680—						
	Teacher	35.1	1,745	35.1	1,745	25.8	1,746
	Salary range, $1,320 to $1,680; average, $1,500—						
	Stenographer	1	1,560	1	1,560	1	1,500
	Junior typist	0.6	1,140	0.6	1,140	0.6	1,140
	Junior clerk	0.3	1,320	0.5	1,320	1.1	1,320
	Teacher	42.8	1,560	41.8	1,560	41.2	1,560
	Salary range, $600 to $780; average, $690—						
	Messenger	1	750	0.5	750	1	720
	Ungraded:						
	Cook	3	1,800	3	1,800	2.9	1,800
	Skin worker	2.6	1,020	2.6	1,020	1.5	783
	Janitor	5.4	103	2	128	2	112
	Total average number of employees	169.4		163		148.7	
	Total salaries and wages, field service		308,307		302,958		276,635
	The difference between 1929 and 1928 is due to increase in force, $5,349.						
	Deduct allowance value of quarters, subsistence, etc., furnished		47,067		46,088		38,361
	Cash payment, salaries and wages		261,240		256,870		238,274
01	Total personal services		268,200		263,830		245,200
	Supplies and materials:						
0200	Stationery and office supplies		275.00		275.00		375.00
0220	Scientific and educational supplies		10,089.00		10,089.00		7,562.72
0230	Fuel		31,047.00		31,047.00		30,630.00
0240	Wearing apparel and sewing supplies		13,062.00		13,062.00		10,540.00
0260	Provisions		25,500.00		22,000.00		20,675.00
0280	Sundry supplies		6,240.00		6,240.00		8,538.00
02	Total supplies and materials		86,213.00		82,713.00		78,320.72
03	Subsistence and support of persons		1,637.00		1,637.00		1,280.00
	Communication service:						
0500	Telegraph service		550.00		400.00		369.00
0510	Telephone service		750.00		600.00		631.00
05	Total communication service		1,300.00		1,000.00		1,000.00
	Travel expenses:						
0615	Transportation		11,500.00		11,000.00		9,425.00
0616	Subsistence		3,500.00		3,000.00		4,575.00
06	Total travel expenses		15,000.00		14,000.00		14,000.00
07	Transportation of things (service)		42,000.00		42,000.00		38,500.00
10	Furnishing of heat, light, and power		4,615.00		4,615.00		3,750.00
11	Rents		3,000.00		2,400.00		2,400.00
	Repairs and alterations:						
1200	Repairs to buildings		17,500.00		16,470.00		13,020.63
1280	Repairs to machinery and equipment		1,000.00		1,000.00		1,250.00
1290	Repairs to U. S. S. Boxer		4,000.00		4,000.00		4,000.00
12	Total repairs and alterations		22,500.00		21,470.00		18,270.63
13	Special and miscellaneous current expenses		1,525.00		1,525.00		845.00
	Equipment:						
3010	Furniture, furnishings, and fixtures		8,010.00		8,010.00		7,950.00
3020	Educational, scientific, and recreational equipment		6,000.00		6,000.00		21,183.63
30	Total equipment		14,070.00		14,010.00		29,133.63
32	Erection of buildings				18,200.00		47,000.00
					467,400.00		479,699.98
	Unobligated balance						300.02
	Reserve				2,000.00		
	Total		460,000.00		469,400.00		480,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Medical Relief in Alaska—		
Medical relief in Alaska: To enable the Secretary of the Interior, in his discretion and under his direction, with the advice and cooperation of the Public Health Service, to provide for the medical and sanitary relief of the Eskimos, Aleuts, Indians, and other natives of Alaska; erection, purchase, repair, rental, and equipment of hospital buildings; books and surgical apparatus; pay and necessary traveling expenses of physicians, nurses, and other employees, [including traveling expenses of new appointees from Seattle, Washington, to their posts of duty in Alaska,] and all other necessary miscellaneous expenses which are not included under the above special heads, [$150,000] *$160,000*, to be available immediately[: *Provided*, That patients who are not indigent may be admitted to the hospitals for care and treatment on the payment of such reasonable charges therefor as the Secretary of the Interior shall prescribe] (*acts Mar. 3, 1915, vol. 38, p. 861; Jan. 12, 1927, vol. 44, p. 968*)	$160,000.00	$150,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Field service:			
Salaries and wages—	*Average—* *No.* *Salary*	*Average—* *No.* *Salary*	*Average—* *No.* *Salary*
Salary range, $3,800 to $5,000; average, $4,400—			
Physician	5.4 $4,000	5 $4,000	4.9 $4,000
Dentist	0.4 4,000		
Salary range, $3,000 to $3,600; average, $3,300—			
Physician	1 3,200	1 3,200	1 3,200
Captain of medical boat on Yukon River	0.4 3,100	0.3 3,100	0.3 3,100
Salary range, $1,860 to $2,400; average, $2,100—			
Assistant engineer on medical boat	0.4 2,200	0.3 2,200	0.3 2,200
Nurse	12.7 2,200	12.3 2,200	11.7 2,200
Orderly and wireless operator	1 2,160	1 2,160	
Salary range, $1,680 to $2,040; average, $1,860—			
Orderly and wireless operator	1 1,860	1 1,860	1 1,860
Cook	5.4 1,800	5.3 1,800	4.3 1,800
Janitor	1 1,800	1 1,800	1 1,800
Nurse	17.3 1,740	16.3 1,740	14.1 1,740
Salary range, $1,140 to $1,500; average, $1,320—			
Physician	2 1,450	2 1,450	2 1,450
Ungraded—			
Janitor and orderly	5 1,080	5 1,080	6 786
Nurse, emergency			0.2 1,320
Nurse in training	5 1,000	5 972	2.4 983
Total average number of employees	58	55.5	49.2
Total salaries and wages, field service	115,262	108,732	96,303
The difference between 1929 and 1928 is due to increase in force, $6,530.			
Deduct allowance value of quarters, subsistence, etc., furnished	30,862	29,125	23,910
01 Total personal services, cash payment	84,400	79,607	72,393
Supplies and materials:			
0210 Medical supplies	15,500.00	15,500.00	16,539.60
0230 Fuel	13,050.00	13,050.00	13,969.00
0240 Wearing apparel	1,225.00	1,225.00	2,522.15
0260 Provisions	15,020.00	13,313.00	15,211.00
0280 Sundry supplies	1,500.00	1,500.00	3,235.50
02 Total supplies and materials	46,295.00	44,588.00	51,477.25
03 Subsistence and support of persons	1,050.00	1,050.00	750.00
Communication service:			
0500 Telegraph service	130.00	130.00	75.00
0510 Telephone service	60.00	60.00	30.00
05 Total communication service	190.00	190.00	105.00
Travel expenses:			
0615 Transportation	3,400.00	3,400.00	3,097.17
0616 Subsistence	1,600.00	1,600.00	1,902.83
06 Total travel expenses	5,000.00	5,000.00	5,000.00
07 Transportation of things (service)	6,350.00	6,350.00	6,605.85
10 Furnishing of heat, light, and power	350.00	350.00	275.50
12 Repairs and alterations	10,450.00	5,950.00	9,258.40
13 Special and miscellaneous current expenses	3,415.00	3,415.00	2,285.00
30 Total equipment	2,500.00	2,500.00	1,850.00
		149,000.00	
Reserve		1,000.00	
Total	160,000.00	150,000.00	150,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Reindeer for Alaska—		
Reindeer for Alaska: For support of reindeer stations in Alaska and instruction of Alaskan natives in the care and management of reindeer, including salaries of necessary employees in Alaska, subsistence, clothing, and other necessary personal supplies for apprentices with Government herds, traveling expenses of employees, purchase, erection, and repair of cabins for supervisors, herders, and apprentices, equipment, and all other necessary miscellaneous expenses, [$17,520] *$19,500*, to be available immediately [: *Provided*, That the Commissioner of Education is authorized to sell such of the male reindeer belonging to the Government as he may deem advisable and to use the proceeds in the purchase of female reindeer belonging to missions and in the distribution of reindeer to natives in those portions of Alaska in which reindeer have not yet been placed and which are adapted to the reindeer industry] *(acts Mar. 3, 1893, vol. 27, p. 590; Jan. 12, 1927, vol. 44, p. 968)*	$19,500.00	$17,520.00
The appropriations for education of natives of Alaska, medical relief in Alaska, and reindeer for Alaska shall be available for the payment of traveling expenses of new appointees from Seattle, Washington, to their posts of duty in Alaska, and of traveling expenses, packing, crating, and transportation (including drayage) of personal effects of employees upon permanent change of station within Alaska, under regulations to be prescribed by the Secretary of the Interior.		

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $3,000 to $3,600; average, $3,300—						
Supervisor	1	$3,000				
Salary range, $1,860 to $2,400; average, $2,100—						
Supervisor	3	2,133	3	$2,133	2.9	$2,135
Salary range, $1,320 to $1,680; average, $1,500—						
Herder	2	1,560	2	1,560	0.2	1,560
Total average number of employees	6		5		3.1	
Total salaries and wages, field service		12,520		9,520		6,485
The difference between 1929 and 1928 is due to increase in force, $3,000.						
Deduct allowance value of quarters, subsistence, etc., furnished		2,460		2,460		1,230
01 Total personal services, cash payment		10,060		7,060		5,255
Supplies and materials:						
0230 Fuel		275		275		165
0240 Wearing apparel		1,440		1,440		1,500
0260 Provisions		945		945		1,040
0280 Sundry supplies		475		475		300
02 Total supplies and materials		3,135		3,135		3,005
03 Subsistence and support of persons		275		275		250
Travel expenses:						
0615 Transportation		2,600		1,500		1,700
0616 Subsistence		1,880		1,100		1,200
06 Total travel expenses		4,480		2,600		2,900
07 Transportation of things (service)		350		350		90
30 Equipment		1,200		1,200		1,000
32 Buildings				2,400		
				17,020		
Reserve				500		
Total		19,500		17,520		12,500

Permanent and indefinite appropriations:

Alaskan Reindeer Fund, Special Fund—

Indefinite appropriation of the receipts from sale of male reindeer in Alaska, to be used in the purchase and distribution of reindeer to natives *(U. S. C., p. 1560, sec. 39)* — 500.00

NOTE.—No expenditures in 1928 or 1927.

Annette Islands Reserve, Alaska, Fund from Leases, Special Fund—

Indefinite appropriation of receipts from cannery and fishing leases on Annette Islands Reserve for community purposes for the residents of Annette Islands *(U. S. C., p. 1587, sec. 358)* — 13,000.00

13 Expenditures—1929, $13,000.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Colleges for Agriculture and the Mechanic Arts—		
Indefinite appropriation to pay each State and Territory for the more complete endowment and maintenance of colleges for the benefit of agriculture and the mechanic arts now established, or which may be hereafter established, in accordance with an act of Congress approved July 2, 1862.		
That there shall be, and hereby is, annually appropriated, out of any money in the Treasury not otherwise appropriated, to be paid as hereinafter provided, to each State and Territory for the more complete endowment and maintenance of agricultural colleges now established, or which may hereafter be established, in accordance with the act of Congress approved July 2, 1862, and the act of Congress approved August 30, 1890, the sum of $5,000 in addition to the sums named in the said act, for the fiscal year ending June 30, 1908, and an annual increase of the amount of such appropriation thereafter for four years by an additional sum of $5,000 over the preceding year, and the annual sum to be paid thereafter to each State and Territory shall be $50,000, to be applied only for the purposes of the agricultural colleges, as defined and limited in the act of Congress approved July 2, 1862, and the act of Congress approved August 30, 1890.		
That the sum hereby appropriated to the States and Territories for the further endowment and support of the colleges shall be paid by, to, and in the manner prescribed by the act of Congress approved August 30, 1890, entitled "An act to apply a portion of the proceeds of the public lands to the more complete endowment and support of the colleges for the benefit of agriculture and the mechanic arts established under the provisions of the act of Congress approved July 2, 1862," and the expenditure of the said money shall be governed in all respects by the provisions of the said act of Congress approved July 2, 1862, and the said act of Congress approved August 30, 1890: *Provided*, That said colleges may use a portion of this money for providing courses for the special preparation of instructors for teaching the elements of agriculture and the mechanic arts (*U. S. C., pp. 111–114, secs. 301–308, 321–328*)	$2,550,000.00	$2,550,000.00
2201 Grants for educational and scientific purposes: Expenditures—1929, $2,550,000; 1928, $2,550,000; 1927, $2,550,000.		
Total under Bureau of Education	3,477,800.00	3,471,720.00
GOVERNMENT IN THE TERRITORIES		
Salaries, Governor and Secretary, Territory of Alaska—		
Governor (*U. S. C., pp. 1562–1565, secs. 61–91; act Jan. 12, 1927, vol. 44, p. 969*) $7,000.00		
Secretary (*U. S. C., pp. 1562–1565, secs. 61–91; p. 1645, secs. 1454, 1455; same appropriation act*) 3,600.00	10,600.00	10,600.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
Salary range, $6,000 to $7,500; average, $6,750—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Governor	1	$7,000	1	$7,000	1	$7,000
Salary range, $3,300 to $3,900; average, $3,600—						
Secretary, Territory of Alaska	1	3,600	1	3,600	1	3,600
Total average number of employees	2		2		2	
01 Total salaries, field service		10,600.00		10,600.00		10,600.00

Contingent Expenses, Territory of Alaska—		
For incidental and contingent expenses, clerk hire, not to exceed $2,800; janitor service for the governor's office and the executive mansion, not to exceed [$2,580] *$2,760*; traveling expenses of the governor while absent from the capital on official business, and of the Secretary of the Territory while traveling on official business under direction of the governor; rent of executive offices, repair and preservation of governor's house and furniture; for care of grounds and purchase of necessary equipment; stationery, lights, water, and fuel; in all [$12,500] *$14,000*, to be expended under direction of the governor (*U. S. C., p. 1563, sec. 63; act Jan. 12, 1927, vol. 44, p. 969*)	14,000.00	12,500.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Contingent Expenses, Territory of Alaska—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Field service:			
	Salaries and wages—	*Average—*	*Average—*	*Average—*
		No. *Salary*	*No.* *Salary*	*No.* *Salary*
	Salary range, $2,700 to $3,300; average, $3,000—			
	Secretary to Governor of Alaska	1 $2,800	1 $2,800	1 $2,800
	Salary range, $1,500 to $1,860; average, $1,680—			
	Janitor	1 1,740	1 1,740	0.8 1,740
	Salary range, $780 to $1,020; average, $900—			
	Caretaker	1 1,020	1 840	1 840
	Total average number of employees	3	3	2.8
01	Total salaries and wages, field service	5,560.00	5,380.00	4,969.15
	The difference between 1929 and 1928 is due to increase in salaries, $180.			
	Supplies and materials:			
0200	Stationery and office supplies	250.00	250.00	9.75
0230	Fuel	1,200.00	1,225.00	981.00
0280	Sundry supplies	350.00	350.00	133.75
02	Total supplies and materials	1,800.00	1,825.00	1,124.50
	Communication service:			
0500	Telegraph service	58.00	70.00	38.79
0510	Telephone service	192.00	192.00	192.00
0520	Other communication service		25.00	
05	Total communication service	250.00	287.00	230.79
06	Travel expenses	1,800.00	1,050.00	834.26
07	Transportation of things (service)	110.00	110.00	84.00
08	Printing and binding	30.00	25.00	
10	Heat, light, power, water, electricity	490.00	390.00	387.37
12	Repairs and alterations	1,430.00	403.00	127.22
11	Rents	2,130.00	2,130.00	2,130.00
13	Special and miscellaneous expenses	50.00	50.00	10.00
30	Furniture, equipment, and fixtures	300.00	300.00	195.00
32	Structures and parts	50.00	50.00	
			12,000.00	10,092.29
	Unobligated balance			2,407.71
	Reserve		500.00	
	Total	14,000.00	12,500.00	12,500.00

Legislative Expenses, Territory of Alaska—

Legislative expenses: For salaries of members, [$21,350] *$21,600*; mileage of members, [$9,250] *$9,500*; salaries of employees, [$5,160] *$6,000*; rent of legislative halls and committee rooms, $2,500; printing, indexing, and binding laws, printing and binding journals, stationery, supplies, printing of bills, reports, and so forth, [$9,000] *$10,400*; in all [$47,260] *$50,000*, to be expended under the direction of the Governor of Alaska (*U. S. C., pp. 1563–1565, secs. 67–91; act May 10, 1926, vol. 44, p. 493*) $50,000.00 (1)

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Salaries of members of senate and house	$21,600.00		$21,350.00
	Salaries of employees of senate and house	6,000.00		5,150.00
01	Total personal services	27,600.00		26,500.00
02	Stationery and office supplies	1,810.00		915.50
	Communication service:			
0500	Telegraph service	50.00		
0510	Telephone service	40.00		30.00
0521	Other (postage, box rent, etc.)	100.00		50.00
05	Total communication service	190.00		80.00
06	Mileage allowances	9,500.00		9,249.85
08	Printing and binding, engraving, lithographing, etc	8,000.00		3,242.14
09	Advertising and publication of notices (service)			30.05
11	Rents	2,500.00		2,680.00
12	Special and miscellaneous repairs	300.00		
30	Furniture, furnishings, and fixtures	100.00		374.50
				43,072.04
	Unobligated balance (estimated)			4,187.96
	Total	50,000.00		47,260.00

[1] This appropriation is made biennially.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Care and Custody of Insane, Alaska—		
Insane of Alaska: For care and custody of persons legally adjudged insane in Alaska, including transportation, burial, and other expenses, [$161,000] *$158,000*: *Provided*, That authority is granted to the Secretary of the Interior to pay from this appropriation to the Sanitarium Company of Portland, Oregon, or to other contracting institution or institutions, not to exceed $624 per capita per annum for the care and maintenance of Alaskan insane patients during the fiscal year [1928] *1929*: *Provided further*, That so much of this sum as may be required shall be available for all necessary expenses in ascertaining the residence of inmates and in returning those who are not legal residents of Alaska to their legal residence or to their friends, and the Secretary of the Interior shall, so soon as practicable, return to their places of residence or to their friends all inmates not residents of Alaska at the time they became insane, and the commitment papers for any person hereafter adjudged insane shall include a statement by the committing authority as to the legal residence of such person (*U. S. C., p. 1562, secs. 46–48; act Jan. 12, 1927, vol. 44, p. 969*)	$158,000.00	$161,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
03	Subsistence and support of persons (patients)	$155,376.00	$158,620.00	$155,630.98
06	Travel expenses	559.00	800.00	516.26
13	Special and miscellaneous current expenses	125.00	45.00	45.00
	Grants, subsidies, and contributions:			
	2230 Gratuities	725.00	360.00	712.40
	2250 Burial expenses	1,215.00	675.00	1,215.00
22	Total grants, subsidies, and contributions	1,940.00	1,035.00	1,927.40
			160,500.00	158,119.64
	Unobligated balance (estimated)			1,128.36
	Reserve		500.00	
	Total	158,000.00	161,000.00	159,248.00

Suppressing Traffic in Intoxicating Liquors, Alaska—		
Traffic in intoxicating liquors: For suppression of the traffic in intoxicating liquors among the natives of Alaska, to be expended under the direction of the Secretary of the Interior (*U. S. C., pp. 1580–1583, secs. 261–291; act Jan. 12, 1927, vol. 44, p. 969*)	16,200.00	16,200.00

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Field service:						
	Salaries and wages—	*Average—*		*Average—*		*Average—*	
	Salary range, $1,860 to $2,400; average, $2,111.43—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Special officers	4	$2,400	4	$2,400	3	$2,400
	Salary range, $180 to $300; average, $240—						
	Special officer	1	180	1	180	1	180
	Total average number of employees	5		5		4	
01	Total salaries and wages, field service		9,780		9,780		7,380
	Supplies and materials:						
	0200 Stationery and office supplies		50.00		50.00		
	0231 Fuel		20.00		20.00		
	0280 Sundry supplies		50.00		50.00		
02	Total supplies and materials		120.00		120.00		
	Communication service:						
	0500 Telegraph service		10.00		10.00		1.03
	0510 Telephone service		10.00		10.00		
05	Total communication service		20.00		20.00		1.03
	Travel expenses:						
	0615 Transportation service		3,580.00		3,580.00		2,618.79
	0616 Subsistence		2,550.00		2,000.00		1,802.43
06	Total travel expenses		6,130.00		5,580.00		4,421.22
07	Transportation of things (service)		50.00		50.00		2.00
13	Special and miscellaneous expenses		100.00		25.00		5.00
					15,575.00		11,809.25
	Unobligated balance						4,390.75
	Reserve				625.00		
	Total		16,200.00		16,200.00		16,200.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
THE ALASKA RAILROAD		
Alaska Railroad Fund—		
The Alaska Railroad: For every expenditure requisite for and incident to the authorized work of the Alaska Railroad, including maintenance, operation, and improvements of railroads in Alaska; maintenance and operation of river steamers and other boats on the Yukon River and its tributaries in Alaska; operation and maintenance of ocean-going or coastwise vessels by ownership, charter, or arrangement with other branches of the Government service, for the purpose of providing additional facilities for the transportation of freight, passengers, or mail, when deemed necessary, for the benefit and development of industries and travel affecting territory tributary to the Alaska Railroad; stores for resale; payment of claims for losses and damages arising from operations; payment of amounts due connecting lines under traffic agreements; payment of compensation and expenses as authorized by section 42 of the injury compensation act, approved September 7, 1916, to be reimbursed as therein provided, [$1,400,000] *$1,300,000*, in addition to all amounts received by the Alaska Railroad during the fiscal year [1928] *1929*, to continue available until expended: *Provided*, That not to exceed [$6,200] *$5,000* of this fund shall be available for personal services in the District of Columbia during the fiscal year [1928] *1929*: *Provided further, That not to exceed $7,500 of such fund shall be available for printing and binding: Provided further*, That $400,000 of such fund shall be available only for such capital expenditures as are chargeable to capital account under accounting regulations prescribed by the Interstate Commerce Commission, which amount shall be available immediately (*U. S. C., p. 1583, secs. 301–308, inclusive; act Jan. 12, 1927, vol. 44, p. 969*)	$1, 300, 000. 00	$1, 400, 000. 00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
WASHINGTON OFFICE						
Departmental service:						
Salaries—						
Clerical, administrative, and fiscal service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 7, $2,400 to $3,000; average, $2,700—						
General agent	1	$2,700	1	$2,700	0.8	$2,750
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	1	1,620	1	1,620	1.8	1,600
Grade 2, $1,320 to $1,680; average, $1,500—						
Clerk					0.2	1,146
Grade 1, $1,140 to $1,500; average, $1,320—						
Clerk					0.3	1,491
Total average number of employees	2		2		3.1	
Total salaries, departmental service		4,320.00		4,320.00		5,756.50
SEATTLE OFFICE						
Field service:						
Salaries and wages—						
Salary range, $3,300 to $3,900; average, $3,600—						
Office manager	0.4	3,563	0.4	3,563	0.4	3,563
Chief clerk	0.7	3,643	0.7	3,643	0.7	3,643
Salary range, $3,000 to $3,600; average, $3,300—						
Special disbursing agent	0.7	3,340	0.7	3,340	0.7	3,340
Salary range, $2,400 to $3,000; average, $2,700—						
Clerk	0.7	2,732	0.7	2,732	0.7	2,732
Salary range, $1,860 to $2,400; average, $2,100—						
Clerk	0.7	2,125	0.7	2,125	0.7	2,125
Stenographer	0.7	2,125	0.7	2,125	0.7	2,125
Salary range, $1,500 to $1,860; average, $1,680—						
Clerk	0.7	1,700	0.7	1,700	0.7	1,700
Salary range, $1,140 to $1,500; average, $1,320—						
Clerk	1.2	1,224	1.2	1,224	1.2	1,224
Salary range, $1,020 to $1,260; average, $1,140—						
Typist	0.2	1,077	0.2	1,077	0.2	1,077
Total average number of employees	6		6		6	
Total salaries and wages, field service		14,074.90		14,074.90		14,074.90
ANCHORAGE OFFICE						
Field service:						
Salaries and wages—						
Salary range, $7,500 and over—						
General manager	1	14,400	1	14,400	1	14,400
Salary range, $3,800 to $5,000; average, $4,400—						
Examiner of accounts	1	5,000	1	5,000	1	5,000
Assistant general manager	1	4,800	1	4,800	1	4,800
Chief of staff (hospital)	1	4,800	1	4,800	0.3	4,000
Superintendent of transportation	1	4,800	1	4,800	1	4,800
Superintendent of motive power and equipment	1	4,500	1	4,500	1	4,500
Captain, steamer	1.5	4,205	1.5	4,205	1.5	4,205
Chief engineer, steamer	1.2	3,879	1.2	3,879	1.2	3,879
Salary range, $3,300 to $3,900; average, $3,600—						
Bridge engineer	1	3,900	1	3,900	1	3,600
Pilot, steamer	1.4	3,750	1.4	3,750	1.4	3,750
Roadmaster	1	3,720	1	3,720	1	3,720
Auditor of station accounts	1	3,600	1	3,600	1	3,600
Superintendent of hospital	1	3,600	1	3,600		
Hotel manager	1	3,540	1	3,540	1	3,540
Surgeon	1	3,600	1	3,600		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Alaska Railroad Fund—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
ANCHORAGE OFFICE—continued						
Field service—Continued.						
Salaries and wages—Continued.	*Average*—		*Average*—		*Average*—	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $3,000 to $3,600; average, $3,300—						
Traveling engineer	1	$3,420	1	$3,420	1	$3,420
Assistant to the general manager	1	3,300	1	3,300	1	3,025
General foreman	2	3,300	2	3,300	2.2	3,212
General car foreman	1	3,300	1	3,300	0.9	3,250
Trainmaster	1	3,300	1	3,300	1	3,300
Accountant	1	3,300	1	3,300	1	3,300
Special disbursing agent	1	3,300	1	3,300	1	3,300
General storekeeper	1	3,300	1	3,300	1	3,025
Superintendent of hospital					1	3,150
Salary range, $2,700 to $3,300; average, $3,000—						
Dispatcher	3	3,156	3	3,156	3	3,156
Roadmaster	3.3	3,025	3.3	3,025	3.3	3,025
Surgeon	1	3,000	1	3,000	1	3,000
General agent	1	3,000	1	3,000	1	3,000
Chief timekeeper	1	3,000	1	3,000	1	3,000
Supervisor	1	3,000	1	3,000	0.9	3,139
Chief electrician	1	3,000	1	3,000	1	3,000
Locomotive engineer	15	2,894	15	2,894	15.6	2,891
Station agent	3.5	3,060	3.5	3,060	3.5	3,060
Steward, steamer	0.2	3,033	0.2	3,033	0.2	3,033
Salary range, $2,400 to $3,000; average, $2,700—						
Conductor	13.6	2,765	13.6	2,765	14.3	2,756
Resident engineer	3	2,720	3	2,720	2.1	2,660
Storekeeper	1	2,700	1	2,700	1	2,680
Claims clerk	1	2,700	1	2,700	1	2,700
Gas-car operator	1	2,700	1	2,700	0.1	2,550
Power plant engineer	1	2,700	1	2,700	1	2,700
Assistant roadmaster	1	2,700	1	2,700	1	2,700
Purser, steamer	0.9	2,652	0.9	2,652	0.9	2,652
Assistant engineer, steamer	1.6	2,621	1.6	2,621	1.6	2,621
Chief clerk	4	2,550	4	2,550	3.6	2,571
Passenger agent					0.8	2,531
Accountant	8.1	2,524	8.1	2,524	8.1	2,524
First mate, steamer	1.7	2,508	1.7	2,508	1.7	2,508
Miner	0.3	2,465	0.3	2,465	0.3	2,465
Surgeon					0.8	2,342
Foreman	25	2,611	25	2,611	23.9	2,611
Riveter	0.5	2,708	0.5	2,708	0.5	2,708
Station agent	3.3	2,578	3.3	2,578	2.8	2,578
Salary range, $2,100 to $2,700; average, $2,400—						
Chief inspector	1	2,400	1	2,400	1	2,400
Mucker	0.4	2,360	0.4	2,360	0.4	2,360
Special lead boilermaker					0.1	2,250
Wire chief	1	2,400	1	2,400	0.9	2,518
Special electrician	2	2,400	2	2,400	1.8	2,454
Wharfinger	2	2,300	2	2,340	1.9	2,363
Special boilermaker	2	2,400	2	2,400	2	2,351
Special machinist	3.7	2,401	3.7	2,401	3.7	2,401
Baggageman	3.8	2,356	3.8	2,356	3.8	2,356
Locomotive fireman	13	2,382	13	2,382	13.9	2,382
Brakeman	16	2,304	16	2,304	17.4	2,304
Stationary engineer	4	2,293	4	2,293	3.4	2,293
Cook	1.7	2,598	1.7	2,598	1.7	2,598
Calker	0.4	2,446	0.4	2,446	0.4	2,446
Millwright	0.8	2,471	0.8	2,471	0.8	2,471
Cold-storage operator	1	2,400	1	2,400	1	2,400
Assistant engineer	1	2,400	1	2,400	0.1	2,000
Special blacksmith	1	2,383	1	2,383	1	2,383
Steward, steamer	0.7	2,361	0.7	2,361	0.7	2,361
Telegraph operator	2	2,296	2	2,296	2	2,296
Draftsman	1.5	2,329	1.5	2,329	1.5	2,329
Clerk	2	2,335	2	2,335	2.1	2,335
Special sheet-metal worker	1	2,293	1	2,293	1	2,293
Second mate and watchman	0.9	2,267	0.9	2,267	0.9	2,267
Launch engineer					0.1	2,528
Salary range, $1,800 to $2,400; average, $2,100—						
Hostler	4.8	2,264	4.8	2,264	4.8	2,264
Longshoreman	19	2,209	19	2,209	18.3	2,209
Power-plant engineer	4.1	2,203	4.1	2,203	4.1	2,203
Terminal fire chief	1	2,100	1	2,100	1	2,100
Gas engineer	0.9	2,100	0.9	2,100	0.9	2,100
Tourist agent	0.4	2,088	0.4	2,088	0.4	2,088
Gas-car operator	0.2	1,986	0.2	1,986	0.2	1,986
Clerk	34	1,982	34	1,982	34	1,982
Mechanic	120	2,142	120	2,142	118.9	2,142
Foreman	68	2,184	68	2,184	66.2	2,184
Assistant fire chief	1	2,122	1	2,122	1	2,122
Assistant engineer	0.2	1,980	0.2	1,980	0.2	1,980
Crane engineer	8	2,037	8	2,037	7.5	2,037
Craneman	1	2,151	1	2,151	0.9	2,151
Instrument man	0.5	2,222	0.5	2,222	0.2	2,222
Checker	2	2,008	2	2,008	1.9	2,008
Stationary fireman	7	1,921	7	1,921	6.1	1,921
Cook	14	2,163	11	2,163	13.6	2,163
Assistant cold-storage operator	1	2,100	1	2,100	1	2,100
Assistant storekeeper	1	2,160	1	2,160	1	2,160
Gas-boat captain	0.8	2,100	0.8	2,100	0.8	2,100
Timekeeper	1	1,920	1	1,920	1	1,920
Warehouseman	1.5	2,061	1.5	2,061	1.5	2,061
Agent and operator	11.5	2,247	11.5	2,247	10.5	2,247
Gardener	1	1,914	1	1,914	1.1	1,914
Locomotive fireman	1	1,928	1	1,928	1.1	1,928
Laundryman and housekeeper	2.4	2,174	2.4	2,174	2.4	2,174
Fireman, steamer	2.6	1,942	2.6	1,942	2.6	1,942

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Alaska Railroad Fund—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
ANCHORAGE OFFICE—continued						
Field service—Continued.						
Salaries and wages—Continued.	*Average—*		*Average—*		*Average—*	
Salary range, $1,680 to $2,040; average, $1,860—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Coal-station operator	4	$2,032	4	$2,032	4	$2,032
Motor-truck driver	1.5	2,028	1.5	2,028	1.5	2,028
Carpenter	5	1,894	5	1,894	4.3	1,894
Mechanic	8	1,937	8	1,937	8.1	1,937
Warehouseman	1.5	1,870	1.5	1,870	1.5	1,870
Painter	1.4	1,842	1.4	1,842	1.4	1,842
Electrician	1.5	1,887	1.5	1,887	1.4	1,887
Janitor	3.2	1,877	3.2	1,877	3.2	1,877
Pumpman	4	1,845	4	1,845	4.1	1,845
Rodman	0.5	1,817	0.5	1,817	0.5	1,817
Stationary fireman	16	1,770	16	1,770	14.5	1,770
Stationary fireman helper	3.5	1,795	3.5	1,795	3.1	1,795
Nurse	5	1,894	5	1,894	4.9	1,894
Watchman	2	2,010	2	2,010	2	2,010
Mechanic helper	21	1,803	21	1,803	20.9	1,803
Stenographer	1	1,806	1	1,806	0.8	1,806
Waiter	16	1,729	16	1,729	16.2	1,729
Lineman	6	2,006	6	2,006	5.8	2,006
Dinkey brakeman					0.2	1,846
Salary range, $1,500 to $1,800; average, $1,680—						
Clerk	4.2	1,588	4.2	1,588	4.2	1,588
Stenographer	3.4	1,639	3.4	1,639	3.4	1,639
Mechanic helper	25	1,703	25	1,703	22.4	1,703
Coal-station operator					0.4	1,666
Technician					0.5	1,670
Chainman	1	1,517	1	1,517	0.1	1,517
Carpenter helper	25	1,662	25	1,662	23.1	1,662
Lineman helper	5.1	1,660	5.1	1,660	5.1	1,660
Driller	1	1,773	1	1,773	0.5	1,773
Mess boy	1	1,682	1	1,682	0.7	1,682
Deck hand	5.5	1,667	5.5	1,667	5.5	1,667
Coach caretaker	1.5	1,656	1.5	1,656	1.5	1,656
Warehouseman	4	1,607	4	1,607	3	1,607
Pitman	12	1,595	12	1,595	10.6	1,595
Janitor	15	1,625	15	1,625	14	1,625
Porter	0.5	1,564	0.5	1,564	0.4	1,564
Teamster	0.6	1,515	0.6	1,515	0.6	1,515
Salary range, $1,320 to $1,680; average, $1,500—						
Apprentice	6	1,390	6	1,390	5.3	1,390
Supply man	0.3	1,369	0.3	1,369	0.3	1,369
Assistant telegraph operator	1	1,475	1	1,475	1	1,475
Cook	17	1,500	18	1,500	18.7	1,500
Truckman	7	1,479	7	1,479	6.6	1,479
Crane hand	7	1,468	7	1,468	6.3	1,468
Trackwalker	5	1,440	5	1,440	4.7	1,440
Laborer	275	1,526	260	1,526	247	1,526
Assistant surgeon					0.2	1,250
Salary range, $1,020 to $1,200; average, $1,140—						
Clerk and messenger	2	1,137	2	1,137	1.7	1,137
Salary range, $780 to $1,020; average, $900—						
Pump watchman	1.7	887	1.7	887	1.7	887
Technician	1	900	1	900		
Salary range, $420 to $600; average, $510—						
Nurse	1	480	1	480	1	480
Total average number of employees	1,024.8		1,010.8		975.2	
Total salaries and wages, field service (Anchorage office)	2,028,376.20		2,006,986.20		1,940,767.70	
Total average number of employees, field service (Seattle and Anchorage offices)	1,030.8		1,016.8		981.2	
Total salaries and wages, field service (Seattle and Anchorage offices)	2,042,451.10		2,021,061.10		1,954,842.60	
The difference between 1929 and 1928 is due to increase in force, $21,390.						
Deduct allowance value of quarters, subsistence, etc., furnished	104,000.00		103,000.00		100,858.89	
Cash payment, salaries and wages, field service (Seattle and Anchorage offices)	1,938,451.10		1,918,061.10		1,853,983.71	
01 Total personal services	1,942,771.10		1,922,381.10		1,859,740.21	
Deduct expenditures for personal services included in objects named below	1,942,771.10		1,922,381.10		1,859,740.21	
03 Subsistence and support of persons	58,000.00		57,500.00		56,833.93	
07 Transportation of things (service)	587,500.00		570,000.00		559,525.22	
09 Advertising and publication of notices	9,000.00		9,000.00		8,580.61	
10 Furnishing of heat, light, power, water, electricity (service)	49,000.00		49,500.00		49,192.74	
12 Repairs and alterations	1,427,500.00		1,302,000.00		1,408,907.30	
13 Special and miscellaneous current expenses	154,000.00		152,000.00		151,049.48	
30 Equipment	135,000.00		201,000.00		170,737.88	
32 Structures	265,000.00		309,000.00		379,162.44	
	2,685,000.00		2,650,000.00		2,783,989.60	
Outstanding obligations					249,693.28	
					3,033,682.88	
Reserve			100,000.00			
			2,750,000.00			
Less revenue expenditures	1,385,000.00		1,350,000.00		1,333,682.88	
	1,300,000.00		1,400,000.00		1,700,000.00	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object		Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Salaries, Governor and Secretary, Territory of Hawaii—			
Governor (*U. S. C., p. 1601, sec. 531; p. 1602, sec. 536; act Jan. 12, 1927, vol. 44, p. 970*)	$10,000.00		
Secretary (*U. S. C., p. 1601, sec. 534; p. 1602, sec. 536; act Jan. 12, 1927, vol. 44, p. 970*)	5,400.00		
		$15,400.00	$15,400.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $7,500 and over—						
Governor	1	$10,000	1	$10,000	1	$10,000
Salary range, $5,200 to $6,000; average, $5,600—						
Secretary, Territory of Hawaii	1	5,400	1	5,400	1	5,400
Total average number of employees	2		2		2	
01 Total salaries, field service		15,400		15,400		15,400

Contingent Expenses, Territory of Hawaii—

For contingent expenses, to be expended by the governor, for stationery, postage, and incidentals, $1,000; private secretary to the governor, $3,000; *temporary clerk hire, $500;* for traveling expenses of the governor while absent from the capital on official business, $500; in all (*U. S. C., p. 1602, secs. 536, 539; act Jan. 12, 1927, vol. 44, p. 970*) — 5,000.00 | 4,500.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $2,700 to $3,300; average, $3,000—						
Private secretary to Governor of Hawaii	1	$3,000	1	$3,000	1	$3,000
Temporary clerk hire in governor's office	1	500				
Total average number of employees	2		1		1	
01 Total salaries, field service		3,500		3,000		3,000
The difference between 1929 and 1928 is due to increase in force, $900.						
Supplies and materials:						
0200 Stationery and office supplies		185.00		135.00		186.50
0280 Sundry supplies		15.00		15.00		10.00
02 Total supplies and materials		200.00		150.00		196.50
Communication service:						
0502 Marine cable service		65.00		70.00		62.78
0503 Radio and wireless service		350.00		260.00		337.54
0521 Postal service (box rent)		16.00		16.00		12.00
0524 Special and miscellaneous incident to communication service		209.00		210.00		250.56
05 Total communication service		640.00		556.00		662.88
Travel expenses:						
0601 Steam railway fares		180.00		180.00		182.36
0602 Fares by water		200.00		150.00		214.85
0640 Food and lodging while in travel status		40.00		40.00		
0650 Sleeping car		80.00		80.00		
06 Total travel expenses		500.00		450.00		397.21
12 Repairs and alterations		60.00		60.00		61.15
13 Special and miscellaneous current expenses		10.00		10.00		5.82
30 Equipment (office furniture, machines, devices, etc.)		100.00		84.00		71.60
				4,300.00		4,395.16
Unobligated balance						104.84
Reserve				200.00		
Total		5,000.00		4,500.00		4,500.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Legislative Expenses, Territory of Hawaii—		
Legislative expenses: For furniture, light, telephone, stationery, record casings and files, printing and binding, including printing, publications, and binding of the session laws and the house and senate journals, indexing records, postage, ice, water, clerk hire, mileage of members, and incidentals, pay of chaplain, clerk, sergeant at arms, stenographers, typewriters, janitors and messengers, $30,000: *Provided*, That the members of the Legislature of the Territory of Hawaii shall not draw their compensation of $200 or any mileage for an extra session, held in compliance with section 54 of an act to provide a government for the Territory of Hawaii, approved April 30, 1900 (*U. S. C., pp. 1603–1606, secs. 561–620; act May 10, 1926, vol. 44, p. 494*)	$30,000.00	[1]

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
01	Salaries of employees of senate and house	$21,150.00		$22,003.00
02	Stationery and office supplies	250.00		255.60
05	Communication service, other (postage, box rent, etc.)	150.00		138.50
06	Mileage allowances	1,600.00		1,608.04
08	Printing and binding, indexing, engraving, etc	6,850.00		5,992.00
				29,997.14
	Unobligated balance			2.86
	Total	30,000.00		30,000.00

Indefinite appropriation:

Public Schools, Alaska Fund—

That section 1 of an act entitled "An act to provide for the construction and maintenance of roads, the establishment and maintenance of schools, and the care and support of insane persons in the District of Alaska, and for other purposes," approved January twenty-seventh, nineteen hundred and five, as amended by an act approved May fourteenth, nineteen hundred and six, and as further amended by an act approved February sixth, nineteen hundred and nine, be, and the same is hereby, amended so as to read as follows:

"SECTION 1. That all moneys derived from and collected for liquor licenses, occupation or trade licenses, outside of the incorporated towns in the Territory of Alaska, shall be deposited in the Treasury Department of the United States, there to remain as a separate and distinct fund, to be known as the 'Alaska fund,' and to be wholly devoted to the purposes hereinafter stated in the Territory of Alaska. Twenty-five per centum of said fund, or so much thereof as may be necessary, shall be devoted to the establishment and maintenance of public schools in said Territory; * * *" (*U. S. C., p. 1561, sec. 41; p. 1572, secs. 166–168*) 50,000.00 $25,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Field service:			
	Number of employees	44	44	38
01	Total salaries, field service	$39,520.00	$39,520.00	$32,410.00
	The difference between 1929 and 1928 is due to increase in force, $3,750.			
	Supplies and materials:			
0222	Educational supplies	3,319.58	3,319.58	2,202.86
0230	Fuel	4,955.08	4,955.08	2,116.00
02	Total supplies and materials	8,274.66	8,274.66	4,318.86
10	Furnishing heat, light, water, electricity	841.85	841.85	325.00
12	Repairs and alterations	738.49	738.49	2,892.54
13	Special and miscellaneous expenses	625.00	625.00	323.95
	Total	50,000.00	50,000.00	40,270.35

Total, Government in the Territories, including Alaska Railroad	1,649,200.00	1,645,200.00

[1] Appropriation made biennially.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
ST. ELIZABETHS HOSPITAL		
St. Elizabeths Hospital—		
For support, clothing, and treatment in Saint Elizabeths Hospital for the Insane from the Army, Navy, Marine Corps, Coast Guard, inmates of the National Home for Disabled Volunteer Soldiers, persons charged with or convicted of crimes against the United States who are insane, all persons who have become insane since their entry into the military and naval service of the United States, civilians in the quartermaster's service of the Army, persons transferred from the Canal Zone, who have been admitted to the hospital and who are indigent, and beneficiaries of the United States Veterans' Bureau, including not exceeding $27,000 for the purchase, exchange, maintenance, repair, and operation of motor-propelled passenger-carrying vehicles for the use of the superintendent, purchasing agent, and general hospital business, *and including not to exceed $285,000 for repairs and improvements to buildings and grounds and for additional fire-protection equipment,* [$804,000] *$913,000,* including maintenance and operation of necessary facilities for feeding employees, and others (at not less than cost), and the proceeds therefrom shall reimburse the appropriation for the institution; and not exceeding $1,500 of this sum may be expended in the removal of patients to their friends, not exceeding $1,500 in the purchase of such books, periodicals, and newspapers for which payments may be made in advance, as may be required for the purposes of the hospital and for the medical library, and not exceeding $1,500 for actual and necessary expenses incurred in the apprehension and return to the hospital of escaped patients: *Provided,* That so much of this sum as may be required shall be available for all necessary expenses in ascertaining the residence of inmates who are not or who cease to be properly chargeable to Federal maintenance in the institution and in returning them to such places of residence: *Provided further,* That during the fiscal year [1928] *1929* the District of Columbia, or any branch of the Government requiring Saint Elizabeths Hospital to care for patients for which they are responsible, shall pay by check to the superintendent, upon his written request, either in advance or at the end of each month, all or part of the estimated or actual cost of such maintenance, as the case may be, and bills rendered by the superintendent of Saint Elizabeths Hospital in accordance herewith shall not be subject to audit or certification in advance of payment; proper adjustments on the basis of the actual cost of the care of patients paid for in advance shall be made monthly or quarterly as may be agreed upon between the superintendent of Saint Elizabeths Hospital and the District of Columbia government, department, or establishments concerned. All sums paid to the superintendent of Saint Elizabeths Hospital for the care of patients that he is authorized by law to receive shall be deposited to the credit on the books of the Treasury Department of the appropriation made for the care and maintenance of the patients at Saint Elizabeths Hospital for the year in which the support, clothing, and treatment is provided, and be subject to requisition by the disbursing agent of Saint Elizabeths Hospital, upon the approval of the Secretary of the Interior (*U. S. C., pp. 679, 681, secs. 161–179; act Jan. 12, 1927, vol. 44, p. 970*)	$913,000.00	$804,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Salaries:						
Professional service—	*Average*—		*Average*—		*Average*—	
Grade 7, $7,500—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Superintendent	1	$7,500	1	$7,500	0.4	$7,500
Grade 6, $6,000 to $7,500; average, $6,750—						
Chief medical officer (superintendent)					0.6	7,500
Grade 5, $5,300 to $6,000; average, $5,600—						
Senior medical officer	6	5,400	6	5,400	6	5,433
Grade 4, $3,800 to $5,000; average, $4,400—						
Medical officer	12	4,250	11	4,400	10	4,320
Scientist	2	4,300	2	4,300	2	4,200
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate dentist	2	3,200	2	3,150	1	3,000
Associate engineer	2	3,300	2	3,300	2	3,200
Associate medical officer	7	3,200	6	3,300	6.5	3,100
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant dentist	1	2,500	1	2,500	1	2,400
Assistant medical officer	8	2,500	8	2,500	4.4	2,450
Assistant scientist (1 laboratorian, 1 farm superintendent)	2	2,700	2	2,700	2	2,600
Grade 1, $1,860 to $2,400; average, $2,111.42—						
Junior medical officer (interne)	10	1,860	10	1,860	8.7	1,860
Subprofessional service—						
Grade 8, $2,400 to $3,000; average, $2,700—						
Chief engineering aid (electrical engineer)	1	2,800	1	2,700	1	2,750
Superintendent of nurses	1	2,700	1	2,700	1	2,450
Grade 7, $2,100 to $2,700; average, $2,400—						
Principal scientific aid (assistant farm superintendent)	1	2,200	1	2,200	1	2,100
Principal social service workers	1	2,400	2	2,400	1.9	2,350

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

St. Elizabeths Hospital—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average—		*Average—*		*Average—*	
Salaries—Continued.	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Subprofessional service—Continued.						
Grade 7, $2,100 to $2,700; average $2,400—Contd.						
Chief dietitian	1	$2,500	1	$2,500	1	$2,500
Chief occupational-therapy aid	1	2,600	1	2,600	1	2,600
Industrial supervisor	1	2,600	1	2,600	1	2,600
Principal library assistant	1	2,300	1	2,300	1	2,300
Grade 6, $1,860 to $2,400; average, $2,111.42—						
Senior medical technician	1	2,100	1	1,920	1	2,000
Assistant chief occupational-therepy aid	1	2,000	1	2,000		
Senior pharmacist	1	2,000	1	1,920	1	1,890
Assistant chief nurse	5	1,920	4	1,920	2.5	1,968
Training assistant	1	2,300	1	2,200	1	2,100
Senior social service worker	2	1,860				
Grade 5, $1,680 to $2,040; average, $1,860—						
Medical technician	1	1,740	1	1,740	1	1,740
Head dietitian	5	1,740	6	1,740	5.2	1,740
Head nurse	5	1,680	5	1,740	6.4	1,680
Hospital supervisor	19	1,740	20	1,740	19	1,729
Foreman gardener	1	1,860	1	1,740	1	1,800
Grade 4, $1,500 to $1,860; average, $1,680—						
Head gardener	1	1,620	1	1,560	1	1,560
Assistant medical technician	1	1,500	1	1,560	1	1,560
Psychiatric nurse	80	1,560	80	1,560	82.3	1,620
Physiotherapy aid	5	1,560	5	1,560	4	1,575
Occupational-therapy aid	14	1,620	14	1,620	5	1,560
Senior dental hygienist	2	1,500	2	1,500	0.9	1,500
Nurse	3	1,500	3	1,500	1.8	1,500
Assistant engineer draftsman	1	1,500	1	1,500		
Grade 3, $1,320 to $1,680; average, $1,500—						
Gardener	1	1,560	1	1,560	1	1,560
Junior medical technician	2	1,380	2	1,380	2	1,500
Junior psychiatric nurse	45	1,320	45	1,320	41	1,352
Grade 2, $1,140 to $1,500; average, $1,320—						
Assistant gardener	2	1,320	2	1,260	2	1,260
Hospital attendant	450	1,160	460	1,160	446.4	1,213
Minor library assistant	1	1,260	1	1,260	0.9	1,200
Occupational-therapy pupil aid	2	1,140	1	1,140		
Clerical, administrative, and fiscal service—						
Grade 12, $5,200 to $6,000; average, $5,600—						
Senior administrative officer	1	5,600	1	5,600	1	5,400
Grade 8, $2,700 to $3,300; average, $3,000—						
Administrative assistant	1	3,200	1	3,200	1	3,100
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant	5	2,700	5	2,660	4	2,700
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	1	2,100			1	2,300
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	1	2,300	1	2,300	1	2,200
Head stenographer	2	2,000	1	2,000	1.2	1,890
Senior clerk-stenographer	1	2,000	1	2,000	1	1,920
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	4	1,800	3	1,980	3.5	1,870
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	6	1,740	5	1,740	4.5	1,740
Senior stenographer	12	1,680	12	1,680	9.2	1,635
Assistant clerk-stenographer	1	1,800	1	1,800	1	1,800
Assistant photographer	1	1,500	1	1,500	1	1,500
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	8	1,500	8	1,500	7	1,491
Junior stenographer	2	1,380	2	1,380	1.1	1,320
Junior clerk-typist	4	1,380	4	1,380	2	1,410
Junior clerk-stenographer	2	1,380	1	1,380	1	1,350
Junior operator office devices	1	1,620	1	1,620	1	1,620
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	2	1,380	2	1,380	2	1,350
Underclerk-typist	1	1,320	1	1,320	1	1,320
Underoperator office devices	4	1,320	4	1,320	3.6	1,290
Custodial service—						
Grade 9, $2,100 to $2,700; average, $2,400—						
Chief supervisor of domestic attendants	1	2,600	1	2,600	1.3	2,500
Assistant mechanical superintendent	1	2,200	1	2,200	1	2,100
Grade 8, $1,860 to $2,400; average, $2,111.42—						
Principal supervisor of domestic attendants	1	2,100	1	2,400	1.7	2,300
Principal mechanic	2	2,100	2	2,100	2	2,110
Principal mechanic	1	2,000				
Grade 7, $1,680 to $2,040; average, $1,860—						
Senior mechanic	20	1,860	15	1,860	13.4	1,866
Assistant chief guard	1	1,800	1	1,800	1	1,800
Senior supervisor of domestic attendants	2	1,920	3	1,800	2	1,890
Grade 6, $1,500 to $1,860; average, $1,680—						
Mechanic	62	1,680	33	1,680	28.1	1,646
General foreman of laborers	1	1,680				
Head guard	1	1,560	1	1,560	1	1,590
Supervisor of domestic attendants	3	1,560	3	1,560	3	1,540
Grade 5, $1,320 to $1,680; average, $1,500—						
Foreman of laborers	3	1,380	2	1,380	2.3	1,380
Senior domestic attendant	23	1,440	23	1,580	21.4	1,414
Junior mechanic	26	1,500	21	1,500	20.6	1,453
Grade 4, $1,140 to $1,500; average, $1,320—						
Assistant foreman of laborers	8	1,200	8	1,200	8.	1,200
Undermechanic	24	1,380	24	1,380	23.1	1,317
Undermechanic	5	1,320				
Senior guard	9	1,200	9	1,200	8.7	1,212
Junior domestic attendant	10	1,200	10	1,200	9	1,217

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

St. Elizabeths Hospital—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Salaries—Continued.			
Custodial service—Continued.	*Average—*	*Average—*	*Average—*
Grade 3, $1,020 to $1,260; average, $1,140—	*No.* *Salary*	*No.* *Salary*	*No.* *Salary*
Underdomestic attendant	46 $1,080	46 $1,080	46 $1,072
Minor mechanic	26 1,140	26 1,140	26 1,143
Senior laborer	56 1,080	56 1,080	54 1,070
Grade 2, $900 to $1,140; average, $1,020—			
Junior laborer	8 1,140	8 1,140	14.9 1,100
Junior laborer	50 960		
Minor domestic attendant	100 990	100 990	101 990
Assistant messenger	1 1,020	1 1,020	1 960
Total salaries	1,757,440.00	1,633,460.00	1,567,006.45
Personal services not subject to classification:			
Veterinarian $1,500			
Organist 80			
Chaplain 500			
Ophtholmologist 416			
Student nurses 7,200			
Total	9,696.00	8,600.00	7,554.80
Total number of employees	1,264	1,170	1,119.5
Total salaries	1,767,136.00	1,642,060.00	1,574,561.25
The difference between 1929 and 1928 is due to—			
Increase in force $47,216			
Increases in salaries 180			
Transfer of employees from repairs roll, *past* 77,680			
Total 125,076			
NOTE.—1929 and 1928 includes 9 employees with total salaries of $17,060 previously paid by allocation from United States Veterans' Bureau.			
0110 Salaries of civil officers and employes	230,200.00	230,200.00	184,336.59
0112 Wages of civil employees	1,527,240.00	1,403,260.00	1,387,995.66
0150 Miscellaneous payments, personal services	9,696.00	8,600.00	2,229.00
01 Total personal services	1,767,136.00	1,642,060.00	1,574,561.25
Supplies and materials:			
020 Stationery and office supplies	20,000.00	20,000.00	20,917.71
021 Medical and hospital supplies	20,000.00	18,000.00	17,011.41
022 Scientific and educational supplies	2,000.00	1,500.00	1,460.18
023 Fuel	155,000.00	137,000.00	165,652.53
024 Wearing apparel and sewing supplies	82,500.00	82,000.00	80,796.29
025 Forage and other supplies for animals	60,024.00	60,000.00	56,480.35
026 Provisions	458,000.00	455,000.00	452,246.52
028 Sundry supplies	43,000.00	43,000.00	40,142.64
029 Materials (not specifically allocated at time of purchase)	114,000.00	12,000.00	10,631.95
02 Total supplies and materials	954,524.00	828,500.00	845,339.58
05 Communication service	2,000.00	2,000.00	1,647.97
06 Traveling expenses	100.00	100.00	
07 Transportation of things	110.00	100.00	37.67
12 Repairs and alterations	30,700.00	700.00	617.04
13 Special and miscellaneous current expenses	190.00	100.00	159.20
Equipment:			
3010 Furniture, furnishings, and fixtures	62,000.00	50,000.00	62,956.57
3020 Educational, scientific, and recreational equipment	1,000.00		1.48
3040 Livestock, etc	2,000.00	1,000.00	19.50
3050 Other equipment	37,356.25	3,740.00	6,694.32
30 Total equipment	102,356.25	54,740.00	69,671.87
53 Refunds of awards and indemnities	500.00		219.51
	2,857,616.25	2,528,300.00	2,492,254.09
Deduct revenue collected	114,000.00	125,000.00	129,498.45
	2,743,616.25	2,403,300.00	2,362,755.64
Deduct amounts received from the following sources:			
Hospital for the Insane, District of Columbia	1,478,250.00	1,300,000.00	1,214,196.64
Due from the Hospital for the Insane, District of Columbia (from pensions)	11,000.00		
Medical and hospital services, U. S. Veterans' Bureau	261,212.25	230,000.00	273,147.00
Pay of personnel, etc., Public Health Service	70,956.00	65,500.00	62,728.35
U. S. Soldiers' Home	9,198.00	8,800.00	8,683.65
Total deductions	1,830,616.25	1,604,300.00	1,558,755.64
Net total	913,000.00	799,000.00	804,000.00
Reserve		5,000.00	
Total	913,000.00	804,000.00	804,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Buildings and Grounds, St. Elizabeths Hospital—		
[For general repairs and improvements to buildings and grounds,] (*U. S. C., p. 679, sec. 161; act June 12, 1927, vol. 44, p. 970*)		$125,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average—		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salaries:						
Custodial service—						
Grade 8, $1,860 to $2,400; average, $2,111.42—						
Principal mechanic			1	$1,920	1	$1,920
Grade 7, $1,680 to $2,040; average, $1,860—						
Senior mechanic			5	1,860	2.6	1,909
Grade 6, $1,500 to $1,860; average, $1,680—						
Mechanic			20	1,820	14.1	1,754
General foreman of laborers			1	1,560	1	1,530
Grade 5, $1,320 to $1,680; average, $1,500—						
Junior mechanic					1.4	1,538
Grade 4, $1,140 to $1,500; average, $1,320—						
Undermechanic					1.9	1,352
Grade 3, $1,020 to $1,260; average, $1,140—						
Senior laborer					0.7	1,200
Grade 2, $900 to $1,140; average, $1,020—						
Junior laborer			30	950	17.3	1,090
Subprofessional service—						
Grade 2, $1,140 to $1,500; average, $1,320—						
Attendant					0.8	1,200
Total number of employees			57		40.8	
01 Total salaries				77,680.00		58,529.67
02 Supplies and materials				35,000.00		44,546.44
07 Transportation of things				10.00		1.83
12 Repairs and alterations				2,000.00		2,365.67
30 Equipment				7,310.00		14,470.17
				122,000.00		119,913.78
Unobligated balance						86.22
Reserve				3,000.00		
Total				125,000.00		120,000.00

For medical and surgical building, $400,000; and the Secretary of the Interior is authorized to enter into contract or contracts for the erection of this building at a cost, including equipment, not to exceed $375,000 (*U. S. C., p. 679, sec. 161*) (*submitted*)	$400,000.00	
32 Structures: Expenditures—1929, $400,000.		
Miscellaneous Trust Funds—		
Pension money, Saint Elizabeths Hospital (*U. S. C., p. 679, secs. 161, 165*)	25,000.00	30,000.00
5250 Pension money, St. Elizabeths Hospital: Expenditures—1929, $25,000; 1928, $29,000; 1927, $72,406.41.		
Personal funds of patients, Saint Elizabeths Hospital (*same acts*)	175,000.00	195,000.00
5240 Personal funds of patients, St. Elizabeths Hospital: Expenditures—1929, $175,000; 1928, $195,000; 1927, 208,839.22.		
Total under St. Elizabeths Hospital	1,513,000.00	1,154,000.00

COLUMBIA INSTITUTION FOR THE DEAF

Columbia Institution for the Deaf—		
For support of the institution, including salaries and incidental expenses, books and illustrative apparatus, and general repairs and improvements [including purchase of farm tractor] (*act Jan. 12, 1927, vol. 44, p. 971*)	115,000.00	102,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average—		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
President	1	$6,500	1	$6,000	1	$6,000
Vice president	1	4,080	1	3,780	1	3,780
Professor (resident)	4	3,380	4	3,180	4	3,180
Professor (nonresident)	2	3,200	2	3,000	2	3,000
Assistant professor (resident)	2	2,100				
Instructor, college department (resident)	6	1,700	8	1,725	6	1,708
Instructor, college department (nonresident)					1	1,700
Instructor in printing	1	2,500	1	2,490	1	2,390
Principal, Kendall School	1	2,400	1	2,250	1	2,100
Teacher, Kendall School (resident)	4	1,600	4	1,500	4	1,500
Teacher, Kendall School (nonresident)	3	1,700	3	1,667	3	1,617

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Columbia Institution for the Deaf—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average—		*Average*—		*Average*—	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Disbursing agent	1	$3,500	1	$3,500	1	$3,500
President's secretary, bookkeeper, storekeeper, telephone operator	4	1,350	4	1,300	4	1,300
Matron, matron's assistant, supervisor	6	1,130	6	1,113	6	1,110
Cook, chambermaid, waitress, kitchen boy, charwoman	15	669	15	639	15	639
Laundress and seamstress	5	852	5	792	5	792
Janitor	3	980	3	920	3	920
Night watchman	1	1,020	1	1,020	1	1,020
Master of shop	1	2,100	1	2,000	1	2,000
Carpenter's assistant	1	1,680	1	1,560	1	1,560
Engineer	3	1,680	3	1,620	3	1,620
Gardener	1	1,800	1	1,680	1	1,680
Farm manager	1	2,100	1	1,920	1	1,800
Dairyman, lawn hand, farm hand	6	1,050	6	990	6	990
Fees for medical and dental services		2,000		2,295		2,573
Total number of regular employees	73		73		72	
Total for regular employees		116,255.00		111,000.00		108,885.98
Wages for mechanics, day laborers, and student help, paid by the hour or day (not regular employees)		9,865.00		10,920.00		10,685.09
		126,120.00		121,920.00		119,571.07
The difference between 1929 and 1928 is due to increase in salaries, $4,200.						
Deduct estimated value of food, light, heat, and quarters furnished regular employees		25,620.00		25,620.00		24,720.00
Cash payments, salaries and wages		100,500.00		96,300.00		94,851.07
Deduct salaries and wages paid regular and extra employees which are included in "Repairs and alterations"		8,000.00		7,800.00		7,773.93
( ) Total personal services[1]		92,500.00		88,500.00		87,077.14
Supplies and materials:						
0200 Stationery and office supplies		2,200.00		2,100.00		2,161.48
0210 Medical and hospital supplies		450.00		400.00		427.16
0220 Scientific and educational supplies		800.00		800.00		826.14
0230 Fuel		8,100.00		8,000.00		8,039.13
0240 Sewing materials		200.00		200.00		188.95
0250 Forage and other supplies for animals		4,900.00		4,900.00		4,891.90
0260 Provisions		20,200.00		20,100.00		20,125.88
0280 Sundry supplies		3,000.00		3,000.00		3,005.04
0290 Materials		1,100.00		1,100.00		1,075.41
02 Total supplies and materials		40,950.00		40,600.00		40,741.09
03 Subsistence and support of persons		400.00		300.00		354.05
05 Communication service		1,100.00		1,000.00		1,014.73
06 Traveling expenses		500.00		400.00		414.92
07 Transportation of things		300.00		300.00		316.91
08 Printing		800.00		800.00		864.46
10 Furnishing light		350.00		350.00		350.97
12 Repairs and alterations		16,000.00		6,600.00		6,973.72
13 Special and miscellaneous		1,300.00		1,200.00		1,228.07
Equipment:						
3002 Motor vehicles		500.00		450.00		440.86
3010 Furniture, furnishings, and fixtures		2,600.00		2,600.00		2,609.26
3020 Educational, scientific, and recreational		300.00		300.00		233.28
3040 Livestock		300.00		250.00		1,246.01
3050 Other equipment		100.00		100.00		78.41
30 Total equipment		3,800.00		3,700.00		4,607.82
		158,000.00		143,750.00		143,943.88
Reserve and amount undrawn on United States account				750.00		
		158,000.00		144,500.00		143,943.88
Carried in District of Columbia bill		27,500.00		27,000.00		25,000.00
		130,500.00		117,500.00		118,943.88
Expenses met by the treasurer of the corporation from private sources		15,500.00		15,500.00		16,943.88
Total		115,000.00		102,000.00		102,000.00

[1] Not under classification act.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Columbia Institution for the Deaf—Continued.		
[For repairs to buildings of the institution, including plumbing and steam fitting, and for repairs to pavements within the grounds] (*act Jan. 12, 1927, vol. 44, p. 971*)		$11,400.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
12 Repairs and alterations		$11,150	$11,400
Reserve		250	
		11,400	11,400

For remodeling power plant, including purchase and installation of boiler (submitted)	$15,000.00	
12 Repairs and alterations: Expenditure, 1929, $15,000.		
Total under Columbia Institution for the Deaf	130,000.00	113,400.00

HOWARD UNIVERSITY

Howard University—		
Salaries: For payment in full or in part of the salaries of the officers, professors, teachers, and other regular employees of the university, the balance to be paid from privately contributed funds [$150,000] *$160,000*, of which sum not less than $2,200 shall be used for normal instruction (*U.S.C., p. 616, secs. 121, 122; act Jan. 12, 1927, vol. 44, p. 971*)	160,000.00	150,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Personal services:	*Average—* *No.*	*Salary*	*Average—* *No.*	*Salary*	*Average—* *No.*	*Salary*
President	1	$7,000	1	$7,000	1	$7,000
Secretary-treasurer	1	5,000	1	5,000	1	5,000
Assistant treasurer					1	2,700
Registrar	1	2,700	1	2,700	1	2,600
Dean	7	3,314	7	3,064	7	3,244
Vice dean	4	2,550	4	2,550	4	2,550
Professor	40	1,960	40	1,929	41	1,873
Associate professor	14	2,036	14	1,880	13	1,998
Director	3	1,883	3	1,883	2	2,250
Assistant professor	24	1,873	20	1,747	18	1,667
Instructor	34	1,347	34	1,112	32	1,037
Instructor (summer session)	35	292	31	265	27	232
Instructor (evening school)	30	400	30	400	25	410
Lecturer	15	1,185	15	1,185	15	1,185
Assistant	15	531	15	531	13	503
Alumni and field secretary					1	3,600
Field agent	1	2,650	1	2,650		
Librarian	1	2,900	1	2,900	1	2,900
Assistant librarian	8	1,162	6	883	4	902
Physician					1	500
Administrative assistant	1	2,000	1	2,000	1	1,850
Assistant to the treasurer	1	2,000	1	2,000		
Cashier	1	2,000	1	2,000	1	1,900
Assistant cashier	1	1,500	1	1,500	1	1,400
Secretary to the president	1	1,600	1	1,600	1	1,600
Head bookkeeper	1	1,560	1	1,560	1	1,400
Clerk, stenographer and bookkeeper	27	1,182	27	1,096	22	1,212
Dietitian	2	1,150	2	1,125	2	1,126
Preceptress	2	750	2	750	2	750
Nurse	2	840	2	840	2	840
Printer	1	1,650	1	1,650	1	1,650
Annuitant	4	669	4	669	4	719
Fellow	7	164	7	164	9	189
Janitor-carpenter					1	1,100
	284		274		255	
Total personal services[1]		365,541.00		336,041.75		317,984.26
Payments made from private sources		205,541.00		186,041.75		171,684.26
Net total carried in Interior Department estimate		160,000.00		150,000.00		146,300.00

[1] Not under classification act.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Howard University—Continued.		
General expenses: For equipment, supplies, apparatus, furniture, eases, and shelving, stationery, iee, repairs to buildings and grounds, and for other necessary expenses including [$17,600 for payment to] *rcimbursement to the appropriation for* Freedmen's Hospital for *actual cost of* heat and light *furnished* (*U. S. C., p. 616, secs. 121, 122; act Jan. 12, 1927, vol. 44, p. 971*)	$80,000.00	$68,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Supplies and materials:			
0200	Stationery and office supplies	$3,000.00	$3,000.00	$2,782.09
0220	Scientific and educational supplies	10,000.00	9,000.00	11,426.00
0282	Mechanics', engineers', and electricians' supplies	5,000.00	4,000.00	4,538.52
0284	Fuel and miscellaneous supplies (including ice)	2,000.00	2,000.00	2,176.48
0290	Building materials, lumber, paints, etc	8,000.00	7,000.00	3,889.00
02	Total supplies and materials	28,000.00	25,000.00	24,812.09
10	Heat, light, power, etc. (service)	1,000.00	7,400.00	5,853.29
	Repairs and alterations:			
12	Repairs to buildings and improvement of grounds, including labor	60,000.00	60,000.00	62,662.45
	Equipment:			
3010	Furniture and fixtures	6,500.00	6,500.00	6,035.55
3020	Educational equipment (library stock, schoolroom equipment, shelving, cases, etc.)	20,000.00	15,900.00	8,209.73
3022	Scientific equipment	10,000.00	10,000.00	7,414.66
3059	Special and miscellaneous equipment	1,000.00	1,600.00	736.17
30	Total equipment	37,500.00	34,000.00	22,396.11
	Advertising and publicity	8,000.00	8,000.00	6,734.96
	Campaign expenses	10,000.00	10,000.00	4,581.71
	Traveling expenses	1,200.00	1,200.00	1,162.09
	Sundry interest payments	7,000.00	8,000.00	7,325.42
	Printing	10,000.00	9,000.00	8,502.86
	Postage	5,000.00	5,000.00	4,780.07
	Insurance, premium on plant (annual)	4,800.00	4,800.00	2,777.27
	Student aid and scholarships	5,000.00	5,000.00	4,534.98
	Commencement expense	3,000.00	3,000.00	4,055.55
	Dining hall wages	8,700.00	8,700.00	8,687.08
	Dining hall supplies	32,000.00	32,000.00	31,586.19
	Dormitory wages	2,700.00	2,700.00	2,717.64
	Field and alumni office			4,853.13
	Physical education and athletics	22,000.00	22,000.00	25,055.23
	Miscellaneous expenses	5,000.00	8,000.00	8,622.64
	Add amount paid to Freedmen's Hospital for heat, light, power, etc	30,000.00	17,600.00	17,474.42
	Total general expenses	280,900.00	271,400.00	259,155.18
	Payments from private sources	200,900.00	203,400.00	187,455.18
	Net total carried in Interior Department estimate	80,000.00	68,000.00	71,700.00

Dormitory Building, Howard University—

[For the construction of one additional dormitory building for young women] (*act Jan. 12, 1927, vol. 44, p. 971*) ---------- 150,000.00

Chemistry Building, Howard University—

For the construction and equipment of a chemistry building, $150,000; and the Secretary of the Interior is authorized to enter into contract or contracts for such building and equipment at a cost not to exceed $390,000 (*submitted*) ---------- 150,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Structures:			
3211	Chemical laboratory building, 536,000 cubic feet, at approximately 60 cents per cubic foot, including all underground service to be added to the present plant, for steam, light, and power	$322,000		
	Architectural and engineering services, including supervision of construction, and good tests	17,000		
32	Total structures, including fixed equipment	339,000		
	Equipment:			
3010	Furniture and fixtures	40,000		
3020	Scientific and educational equipment	10,000		
30	Total equipment	50,000		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Chemistry Building, Howard University—Continued.		

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
02 Drafting and artists' supplies, including labor and material in preparation and printing of specifications	$900		
09 Advertising, publishing of notices, etc	100		
Total, new structures and equipment thereof	390,000		
Toward construction of above	150,000		

Total, Howard University	$390,000.00	$368,000.00

FREEDMEN'S HOSPITAL

Freedmen's Hospital—		
For officers and employees and compensation for all other professional and other services that may be required and expressly approved by the Secretary of the Interior (*U. S. C., p. 686, secs. 261, 262, 263; act Jan. 12, 1927, vol. 44, p. 971*)	142,000.00	113,000.00
For subsistence, fuel and light, clothing, to include white duck suits and white canvas shoes for the use of internes, and rubber surgical gloves, bedding, forage, medicines, medical and surgical supplies, surgical instruments, electric lights, repairs, replacement of X-ray apparatus, furniture, motor-propelled ambulance, [including not to exceed $25,000 for new laundry machinery], and not exceeding $200 for the purchase of books, periodicals, and newspapers for which payments may be made in advance, and not to exceed $1,000 for the instruction of pupil nurses, and other absolutely necessary expenses (*same acts*)	38,000.00	75,000.00
	180,000.00	188,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 5, $5,200 to $6,000; average, $5,600—						
Senior medical officer (surgeon in chief)	1	$5,400	1	$5,400	1	$5,400
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate medical officer (röntgenologist)	1	3,000	1	3,000	1	3,000
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant medical officer—						
Resident assistant surgeon	1	2,400	1	2,400	1	2,400
Pathologist	1	2,400	1	2,400	1	2,400
Resident physician	1	2,400	1	2,400	1	2,400
Grade 1, $1,860 to $2,400; average, $2,111.43—						
Junior medical officer—						
Anesthetist	1	1,860	1	1,860	1	1,860
Assistant anesthetist	1	1,860	1	1,860	1	1,860
Subprofessional service—						
Grade 7, $2,100 to $2,700; average, $2,400—						
Chief nurse (superintendent of nurses)	1	2,100	0.8	2,100	1	2,100
Grade 6, $1,860 to $2,400; average, $2,111.43—						
Assistant chief dietitian (dietitian)	1	1,920	1	1,920	1	1,920
Senior pharmacist (pharmacist)	1	1,860	1	1,860	1	1,860
Grade 5, $1,680 to $2,040; average, $1,860—						
Educational assistant (educational assistant)	1	1,680	1	1,680	1	1,680
Head nurse (assistant superintendent of nurses)	2	1,680	1	1,680	1	1,680
Head dietitian (assistant dietitian)	2	1,680	1	1,680	1	1,680
Grade 4, $1,500 to $1,860; average, $1,680—						
Assistant pharmacist (assistant pharmacist)	1	1,500	1	1,500	1	1,500
Assistant hospital supervisor (night supervisor of nurses)	2	1,530	1	1,560	1	1,560
Nurse (head nurse)					0.9	1,560
Nurse (head nurse)	15	1,500	12	1,500	9.5	1,500
Grade 3, $1,320 to $1,680; average, $1,500—						
Junior medical technician (assistant laboratorian)	2	1,500	2	1,500	2	1,500
Grade 2, $1,140 to $1,500; average, $1,320—						
Hospital attendant (orderly)	2	1,170	2	1,170	2	1,140
Clerical, administrative, and fiscal service—						
Grade 5, $1,860 to $2,400; average, $2,111.43—						
Senior clerk (chief clerk)	1	2,000	1	2,000	1	2,000
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk (storekeeper)	1	1,500	1	1,500	1	1,500
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk (stenographer)	3	1,380	3	1,380	3	1,360
Junior clerk (typist)	6	1,340	5	1,332	4.8	1,333
Grade 1, $1,140 to $1,500; average, $1,320—						
Underoperator (telephone operator)	3	1,180	2	1,170	2	1,183

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

Freedmen's Hospital—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Departmental service—Continued.					
Salaries—Continued.					
Custodial service—					
Grade 8, $1,860 to $2,400; average, $2,111.43—	*Average—*	*Average—*	*Average—*		
Principal mechanic (chief engineer and electrician)	*No.* 1 *Salary* $2,100	*No.* 1 *Salary* $2,100	*No.* 1 *Salary* $2,100		
Grade 6, $1,500 to $1,860; average, $1,680—					
Mechanic	3 1,520	3 1,520	3 1,520		
Grade 5, $1,320 to $1,680; average, $1,500—					
Junior mechanic (assistant engineer)	2 1,470	2 1,470	2 1,470		
Senior domestic attendant	1 1,320	1 1,320	1 1,320		
Grade 4, $1,140 to $1,500; average, $1,320—					
Junior domestic attendant	2 1,260	2 1,230	2 1,230		
Undermechanic (fireman)	3 1,380	3 1,380	3 1,380		
Grade 3, $1,020 to $1,260; average, $1,140—					
Minor mechanic	6 1,120	6 1,110	6 1,105		
Underdomestic attendant	6 1,050	5 1,068	5 1,068		
Grade 2, $900 to $1,140; average, $1,020—					
Minor domestic attendant	48 905	40.8 910	37.3 909		
Not allocated, temporary—					
Internes	25 480				
Pupil nurses	70 480	69 480	59.9 480		
Total average number of employees	218	175.6	161.4		
Total salaries and wages	204,920	172,628	161,733		
Deduct allowance value of subsistence, lodging, etc., furnished	62,920	50,816	46,135		
Cash payment, salaries and wages	142,000	121,812	115,598		
The difference between 1929 and 1928 is due to—					
Increase in force	$17,160				
Increase in salaries	2,680				
Vacancies in positions in 1928	348				
Total	20,188				
Supplies and materials:					
0200 Stationery and office supplies	3,100.00	2,000.00	3,077.39		
0210 Medical and hospital supplies	9,000.00	9,000.00	10,708.33		
0220 Scientific and educational supplies	1,200.00	1,500.00	1,067.05		
0230 Fuel	34,000.00	30,000.00	29,759.35		
0240 Wearing apparel	2,000.00	2,000.00	1,919.14		
0250 Forage	120.00	125.00	119.09		
0260 Provisions	60,000.00	55,000.00	55,132.50		
0280 Sundry supplies	3,000.00	5,000.00	6,994.48		
0290 Materials	600.00	500.00	511.22		
02 Total supplies and materials	113,020.00	105,125.00	109,288.55		
Communication service:					
0500 Telegraph service	5.00	15.00	3.79		
0510 Telephone service	1,175.00	1,185.00	1,155.66		
05 Total communication service	1,180.00	1,200.00	1,159.45		
06 Travel expenses	50.00	50.00	53.32		
07 Transportation of things (service)	500.00	500.00	520.49		
09 Advertising	300.00	25.00			
10 Furnishing electricity	100.00	100.00	96.27		
12 Repairs and alterations	6,000.00	5,790.00	6,946.13		
13 Special and miscellaneous current expenses	750.00	750.00	594.17		
Equipment:					
3010 Furniture, furnishings, and fixtures	3,000.00	4,000.00	7,407.39		
3020 Educational, scientific, and recreational equipment	3,000.00	2,000.00	3,546.30		
3050 Other equipment	3,700.00	26,500.00	1,071.33		
30 Total equipment	9,700.00	32,500.00	12,025.02		
Refunds of pay patients' deposits	900.00	900.00	704.75		
Reserve		1,000.00			
Total	274,500.00	269,752.00	246,986.15		
Deduct amounts received from the following sources:					
District of Columbia appropriation (medical charities)	42,500.00	42,500.00	42,168.22		
Pay-patient receipts	22,000.00	22,000.00	22,755.49		
Howard University appropriation for fuel and light	30,000.00	17,600.00	17,474.42		
	94,500.00	82,100.00	82,398.13		
			164,588.02		
Unobligated balance			1,801.98		
Net total carried in Interior Department estimate	180,000.00	187,652.00	166,390.00		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each bead of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Freedmen's Hospital—Continued.		
For an addition to, and remodeling of, the nurses' home, including necessary equipment, $150,000; for remodeling and enlarging power plant, including necessary equipment, $52,000; for remodeling and enlarging dining room and kitchen, including necessary equipment, $32,000; for enlarging employees' quarters, $8,000; in all, $242,000, including cost of advertising for proposals, preparation of plans, and supervision of work; to be immediately available (submitted)	$242, 000. 00	

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Equipment:			
30	Furniture, furnishings, and fixtures	$10, 000		
32	Structures	232, 000		
Total		242, 000		

Total under Freedmen's Hospital	422, 000. 00	$188, 000. 00
SEC. 2. Appropriations herein made for field work under the General Land Office, the Bureau of Indian Affairs, the Bureau of Reclamation, the Geological Survey, and the National Park Service shall be available for the hire, with or without personal services, of work animals and animal-drawn and motor-propelled vehicles and equipment.		
Interior Department proper:		
Annual appropriations	27, 244, 080. 00	24, 834, 335. 00
Permanent and indefinite appropriations	5, 594, 000. 00	5, 704, 000. 00
Total, Interior Department proper	32, 838, 080. 00	30, 538, 335. 00
Indian Service:		
Annual appropriations	13, 754, 009. 00	12, 654, 685. 00
Permanent and indefinite appropriations	21, 860, 000. 00	19, 475, 000. 00
Total, Indian Service	35, 614, 009. 00	32, 129, 685. 00
Pensions, annual appropriations	211, 788, 000. 00	222, 816, 000. 00
Financing (by Government) of civil-service retirement and disability fund	19, 950, 000. 00	
Total under Interior Department	300, 190, 089. 00	285, 484, 020. 00

General object (title of appropriation), date of acts, references to Statutes at Large or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

CHAPTER VI.—DEPARTMENT OF JUSTICE

OFFICE OF THE ATTORNEY GENERAL

Salaries, Department of Justice—

Salaries: For Attorney General, $15,000; Solicitor General, $10,000; Assistant to the Attorney General, $9,000; and other personal services in the District of Columbia in accordance with the classification act of 1923, including the Solicitors of the State, Treasury, Commerce, and Labor Departments, and the office forces of the Solicitors of the Treasury, Commerce, and Labor Departments, [$980,940] *$1,032,600;* in all (*U. S. C., p. 28, sec. 3; p. 44, sec. 293; p. 45, secs. 294, 295, 297; pp. 65, 66, secs. 661–676; act Feb. 24, 1927, vol. 44, p. 1192*) $1,066,600.00 $1,014,940.00

Provided, That in expending appropriations or portions of appropriations contained in this act, for the payment for personal services in the District of Columbia in accordance with the classification act of 1923, the average of the salaries of the total number of persons under any grade in any bureau, office, or other appropriation unit shall not at any time exceed the average of the compensation rates specified for the grade by such act, and in grades in which only one position is allocated the salary of such position shall not exceed the average of the compensation rates for the grade, except that in unusually meritorious cases of one position in a grade advances may be made to rates higher than the average of the compensation rates of the grade but not more often than once in any fiscal year and then only to the next higher rate: *Provided,* That this restriction shall not apply (1) to grades 1, 2, 3, and 4 of the clerical-mechanical service, or (2) to require the reduction in salary of any person whose compensation was fixed as of July 1, 1924, in accordance with the rules of section 6 of such act, (3) to require the reduction in salary of any person who is transferred from one position to another position in the same or different grade in the same or a different bureau, office, or other appropriation unit, or (4) to prevent the payment of a salary under any grade at a rate higher than the maximum rate of the grade when such higher rate is permitted by the classification act of 1923, and is specifically authorized by other law.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional service—	*Average—*		*Average—*		*Average—*	
Grade 7, $7,500 and over—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Attorney General	1	$15,000	1	$15,000	1	$15,000
Solicitor General	1	10,000	1	10,000	1	10,000
Assistant to the Attorney General	1	9,000	1	9,000	1	9,000
Assistant Attorney General	6	7,500	6	7,500	6	7,500
Attorney (office of the Solicitor General)	2	7,500				
Grade 6, $6,000 to $7,500; average, $6,750—						
Solicitor	4	7,000	4	7,000	4	6,244
Chief attorney	12	6,500	12	6,500	13.8	6,420
Grade 5, $5,200 to $6,000; average, $5,600—						
Senior attorney	36	5,399	34	5,258	29.2	5,239
Grade 4, $3,800 to $5,000; average, $4,400—						
Attorney	18.3	4,074	17.3	4,090	19.7	4,234
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate librarian	1	3,200	1	3,200	1	3,138
Associate attorney	15	3,252	15	3,165	12.8	3,150
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant librarian	1	2,600	1	2,600	1	2,538
Assistant attorney	7	2,503	6	2,520	8.2	2,557
Grade 1, $1,860 to $2,400; average, $2,111.42—						
Junior attorneys	9	2,172	9	1,994	8.3	2,060
Subprofessional service—						
Grade 6, $1,860 to $2,400; average, $2,111.42—						
Assistant chief nurse	1	2,400	1	2,400	1	2,338
Grade 5, $1,680 to $2,040; average, $1,860—						
Library assistant	1	1,800	1	1,680	0.2	1,680
Grade 3, $1,320 to $1,680; average, $1,500—						
Under library assistant					0.8	1,680
Grade 1, $900 to $1,260; average, $1,080—						
Library aid	1	1,260	1	1,260	1	1,260
Clerical, administrative, and fiscal service—						
Grade 13, $6,000 to $7,500; average, $6,750—						
Executive officer	1	6,000	1	6,000	0.5	6,000
Special inspecting engineer					0.1	6,000
Grade 12, $5,200 to $6,000; average, $5,600—						
Senior administrative officer	2	5,400	2	5,400	1.1	5,364
Chief investigator	1	5,200	1	5,200	1.8	5,482

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries, Department of Justice—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service—Continued.						
Salaries—Continued.						
Professional service—Continued.	*Average—*		*Average—*		*Average—*	
Grade 11, $3,800 to $5,000; average, $4,400—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Administrative officer	2	$4,400	2	$4,400	1.6	$4,708
Assistant chief investigator	2	3,900	1	3,800	0.7	4,071
Grade 10, $3,300 to $3,900; average, $3,600—						
Junior administrative officer	3	3,567	3	3,567	3.3	3,606
Senior investigator					0.7	3,321
Grade 9, $3,000 to $3,600; average, $3,300—						
Senior administrative assistant	3.9	3,347	3.9	3,321	3	3,400
Investigator	1	3,100	1	3,100	1.3	3,019
Grade 8, $2,700 to $3,300; average, $3,000—						
Administrative assistant	2	3,000	2	2,900	1.6	2,844
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant	12	2,708	12	2,675	12.3	2,705
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	4	2,425	4	2,275	3.7	2,216
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	18.7	2,024	17.7	2,033	16.7	2,022
Head stenographer	3	1,926	3	1,926	3	1,884
Senior clerk-stenographer	8	2,023	8	2,023	7.3	2,025
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	17.7	1,765	17.7	1,762	15.6	1,798
Principal stenographer	15	1,800	15	1,796	12.6	1,828
Clerk-stenographer	17	1,781	17	1,778	13.3	1,788
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk-stenographer	11	1,696	11	1,696	12	1,647
Senior stenographer	29	1,587	28	1,547	26.2	1,567
Assistant clerk	21.3	1,659	21.3	1,644	22.3	1,663
Head typist	1	1,620	1	1,560		
Clerk-typist					1	1,500
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk-stenographer	1.1	1,414	1.1	1,414	1.9	1,400
Junior clerk-typist	15.1	1,497	15.1	1,485	19.2	1,443
Junior stenographer	8	1,366	4	1,411	3.8	1,442
Senior typist	9.9	1,412	9.9	1,325	3.8	1,394
Junior clerk	11.5	1,490	11.5	1,480	13.2	1,451
Grade 1, $1,140 to $1,500; average, $1,320—						
Undcroperators, office devices	8	1,321	8	1,298	8.4	1,244
Underclerk-typist					0.2	1,170
Underclerk	10	1,314	10	1,296	9.2	1,268
Custodial service—						
Grade 5, $1,320 to $1,680; average, $1,500—						
Foreman of laborers	1	1,500	1	1,500	1	1,463
Grade 3, $1,020 to $1,260; average, $1,140—						
Guard	1	1,200	1	1,200	1	1,167
Senior laborer	4.1	1,182	4.1	1,182	4.5	1,180
Messenger	36.2	1,135	36.2	1,135	32.9	1,165
Minor mechanic	3	1,220	3	1,220	2.1	1,219
Grade 2, $900 to $1,140; average, $1,020—						
Junior laborer					0.9	1,181
Total average number of employees	401.8		388.8		373.8	
01 Total salaries, departmental service		1,066,600		1,014,940		982,361
The difference between 1929 and 1928 is due to—						
Increase in force	$44,240					
Increase in salaries	7,420					
Total increase	51,660					
Unobligated balance						10,879
Total		1,066,600		1,014,940		993,240

Books, Department of Justice—

For the purchase of law books, books of reference, and periodicals, including the exchange thereof, for the Department of Justice (*act Feb. 24, 1927, vol. 44, p. 1192*) $6,700.00 $6,700.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
3020 Educational and scientific equipment	$6,700.00	$6,400.00	$6,699.98
Reserve		300.00	
Unobligated balance			.02
Total	6,700.00	6,700.00	6,700.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Contingent Expenses, Department of Justice— For stationery, furniture and repairs, floor coverings not exceeding $500, file holders and cases; miscellaneous expenditures, including telegraphing and telephones, [foreign] postage, labor, typewriters and adding machines and the exchange thereof and repairs thereto, street-car fares not exceeding $300, newspapers, press clippings, and other necessaries ordered by the Attorney General; official transportation, including the repair, maintenance, and operation of a motor-driven passenger car, delivery truck, and motor cycle, to be used only for official purposes, and purchase and repair of bicycles (*act Feb. 24, 1927, vol. 44, p. 1197*)	$62,000.00	$62,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
01	Personal services (temporary per diem laborers)	$300.00	$300.00	$101.47
	Supplies and materials:			
0200	Stationery and office supplies	15,740.00	15,440.00	15,525.31
0210	Medical and hospital supplies	40.00	40.00	137.19
0220	Scientific and educational supplies	200.00	100.00	216.00
0230	Fuel	600.00	600.00	683.25
0280	Sundry supplies	320.00	220.00	362.24
0290	Materials			23.68
02	Total supplies and materials	16,960.00	16,400.00	16,947.67
04	Care and storage of vehicles	420.00	420.00	251.15
	Communication service:			
0500	Telegraph service	9,000.00	9,000.00	8,876.14
0510	Telephone service	15,500.00	15,500.00	15,577.05
0520	Other communication service (postage)	100.00	100.00	51.60
05	Total communication service	24,600.00	24,600.00	24,504.79
06	Travel expenses (car tokens)	300.00	300.00	240.00
07	Transportation of things	600.00	180.00	614.64
12	Repairs and alterations	1,850.00	1,850.00	1,935.17
13	Special miscellaneous current expenses	1,100.00	1,100.00	1,169.09
	Equipment:			
3010	Furniture, furnishings, and fixtures	15,300.00	14,548.00	15,431.16
3020	Educational, scientific, and recreational supplies	250.00	250.00	107.35
3050	Other equipment	380.00	1,000.00	1,358.98
30	Total equipment	15,930.00	15,798.00	16,897.49
			60,948.00	62,661.47
	Unobligated balance			338.53
	Reserve		1,052.00	
	Total	62,000.00	62,000.00	63,000.00

Rent of Buildings, Department of Justice— For rent of buildings and parts of buildings in the District of Columbia, if space can not be assigned by the Public Buildings Commission in buildings under the control of that commission (*act Feb. 24, 1927, vol. 44, p. 1193*) — $118,000.00 — $118,000.00

1101 Rent of office buildings (Department of Justice Building and a part of the Denrike Building): Expenditures—1929, $118,000; 1928, $118,000; 1927, $100,000. (In addition, $19,547.20 was paid out of the appropriation "Investigation and prosecution of war frauds.")

Printing and Binding, Department of Justice and Courts— For printing and binding for the Department of Justice and the courts of the United States (*U. S. C., p. 1013, sec. 588; act Feb. 24, 1927, vol. 44, p. 1193*) — $280,000.00 — $290,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
02011	Letterheads and court forms	$40,000.00	$45,000.00	$41,766.17
0800	Printing and binding, including United States Supreme Court Reports	240,000.00	239,000.00	218,233.36
				259,999.53
	Unobligated balance			.47
			284,000.00	260,000.00
	Deduct transfer from appropriation for printing and binding, Supreme Court			25,000.00
	Reserve		6,000.00	
	Total	280,000.00	290,000.00	235,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Traveling and Miscellaneous Expenses, Department of Justice—		
For traveling and other miscellaneous and emergency expenses authorized and approved by the Attorney General, to be expended at his discretion (*U. S. C., p. 45, sec. 302; act Feb. 24, 1927, vol. 44, p. 1193*)	$12,500.00	$12,500.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
01	Personal services (temporary medical service)	$260.00	$200.00	$175.00
01	Medical and hospital supplies	50.00	50.00	50.00
06	Travel expenses	12,200.00	12,200.00	10,006.27
13	Special and miscellaneous current expenses	50.00	50.00	4.50
22	Gratuities			10.95
				10,246.72
	Deduct obligations in excess of appropriation			2,746.82
	Total	12,500.00	12,500.00	7,500.00

Total under office of the Attorney General	1,545,800.00	1,504,140.00
Protecting Interests of the United States in Customs Matters—		
Conduct of customs cases: Assistant Attorney General, $8,000; special attorneys and counselors at law in the conduct of customs cases, to be employed and their compensation fixed by the Attorney General, as authorized by subsection 30 of section 28 of the act of August 5, 1909; necessary clerical assistance and other employees at the seat of government and elsewhere, to be employed and their compensation fixed by the Attorney General, including experts at such rates of compensation as may be authorized or approved by the Attorney General; supplies, Supreme Court Reports and Digests, and Federal Reporter and Digests, traveling, and other miscellaneous and incidental expenses, to be expended under the direction of the Attorney General; in all (*U. S. C., p. 45, sec. 296; act Feb. 24, 1927, vol. 44, p. 1193*)	108,650.00	103,200.00

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Field service:						
	Salaries and wages—	*Average—*		*Average—*		*Average—*	
	Salary range, $7,500 and over—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Assistant Attorney General	1	$8,000	1	$8,000	1	$8,000
	Salary range, $6,000 to $7,500; average, $6,750—						
	Special attorney	2	6,500	2	6,000	2	6,000
	Salary range, $5,200 to $6,000; average, $5,600—						
	Special attorney	3	5,267	3	5,267	3.4	5,125
	Salary range, $3,800 to $5,000; average, $4,400—						
	Special attorney	9	4,089	7	4,143	7	3,943
	Salary range, $3,000 to $3,600; average, $3,300—						
	Special attorney			1	3,500	0.8	3,500
	Salary for special counsel, $500—						
	Special attorney	1	500				
	Salary range, $2,400 to $3,000; average, $2,700—						
	Clerk	2	2,900	2	2,900	2	2,792
	Salary range, $2,100 to $2,700; average, $2,400—						
	Clerk	1	2,400	1	2,300	1	2,217
	Salary range, $1,860 to $2,400; average, $2,100—						
	Clerk	2	2,070	2	1,980	2	1,880
	Salary range, $1,500 to $1,860; average, $1,680—						
	Clerk	3	1,700	3	1,640	3	1,532
	Salary range, $1,140 to $1,500; average, $1,320—						
	Messenger	1	1,440	1	1,320	1	1,220
	Salary range, $900 to $1,140; average, $1,020—						
	Messenger	3	1,100	3	1,020	3	933
	Total average number of employees	28		26		26.2	
01	Total salaries and wages, field service		96,280.00		89,660.00		88,209.29
	The difference between 1929 and 1928 is due to—						
	Increase in force	$4,800					
	Increase in salaries	1,820					
	Total increase	6,620					

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Protecting Interests of the United States in Customs Matters—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Supplies and materials:			
0200 Stationery and office supplies	$550.00	$400.00	$544.60
0280 Sundry supplies	100.00	100.00	5.25
02 Total supplies and materials	650.00	500.00	549.85
Communication service:			
0500 Telegraph service	50.00	50.00	46.72
0510 Telephone service	1,200.00	1,000.00	961.73
05 Total communication service	1,250.00	1,050.00	1,008.45
Travel expenses:			
0615 Transportation	4,000.00	3,800.00	3,713.31
0616 Subsistence	5,500.00	5,200.00	5,030.59
06 Total travel expenses	9,500.00	9,000.00	8,743.90
07 Transportation of things (service)	25.00	25.00	5.61
12 Repairs and alterations	45.00	25.00	28.52
13 Special and miscellaneous current expenses including expert witnesses	400.00	360.00	100.00
Equipment:			
3020 Educational, scientific, and recreational equipment	350.00	330.00	334.87
3050 Other equipment	150.00	250.00	125.30
30 Total equipment	500.00	580.00	460.17
		101,200.00	99,105.99
Unobligated balance			4,094.21
Reserve		2,000.00	
Total	108,650.00	103,200.00	103,200.00

Defending Suits in Claims Against the United States—

Defending suits in claims against the United States: For necessary expenses incurred in the examination of witnesses, procuring evidence, employment of experts at such rates of compensation as may be authorized or approved by the Attorney General, and such other expenses as may be necessary in defending suits in the Court of Claims, including Indian depredation claims, to be expended under the direction of the Attorney General (*act Feb. 24, 1927, vol. 44, p. 1193*) $85,000.00 $85,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
01 Temporary service of experts	$35,000.00	$33,000.00	$31,431.50
06 Travel expenses	30,000.00	30,000.00	24,480.68
07½ Transportation of things			1.03
Printing, binding, etc.:			
0820 Stenographic work (job)	18,000.00	18,000.00	17,817.80
0830 Photographic work (job)	100.00	100.00	116.40
08 Total printing, binding, etc	18,100.00	18,100.00	17,934.20
13 Special and miscellaneous current expenses	1,900.00	1,900.00	10.09
		83,000.00	73,857.50
Unobligated balance			1,142.50
Reserve		2,000.00	
Total	85,000.00	85,000.00	75,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Detection and Prosecution of Crimes—		
Detection and prosecution of crimes: For the detection and prosecution of crimes against the United States; for the protection of the person of the President of the United States; the acquisition, collection, classification, and preservation of criminal identification records and their exchange with the officials of States, cities, and other institutions; for such other investigations regarding official matters under the control of the Department of Justice and the Department of State as may be directed by the Attorney General; hire, maintenance, upkeep, and operation of motor-propelled passenger-carrying vehicles when necessary; [purchase and exchange of a motor-propelled passenger-carrying vehicle to cost not to exceed $2,000, exclusive of the exchange allowance on any vehicle given in part payment therefor;] firearms and ammunition, such stationery and supplies for use at the seat of government or elsewhere as the Attorney General may direct, including not to exceed $10,000 for taxicab hire to be used exclusively for the purposes set forth in this paragraph and to be expended under the direction of the Attorney General; traveling expenses; including not to exceed $210,000 for personal services in the District of Columbia, and including a Director of the Bureau of Investigation at not exceeding $7,500 per annum, $2,250,000: *Provided* [*further*], That for the purpose of executing the duties for which provision is made by this appropriation, the Attorney General is authorized to appoint officials who shall be vested with the authority necessary for the execution of such duties (*U. S. C., p. 45, secs. 299, 300; act Feb. 24, 1927, vol. 44, p. 1193*)	$2,250,000.00	$2,250,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Clerical, administrative, and fiscal service—	*Average*—		*Average*—		*Average*—	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 13, $6,000 to $7,500; average, $6,750—						
Executive officer (director)	1	$7,500	1	$7,500	1	$7,500
Grade 12, $5,200 to $6,000; average, $5,600—						
Senior administrative officer	2	5,700	2	5,700	1.8	5,437
Grade 11, $3,800 to $5,000: average, $4,400—						
Administrative officer					0.9	4,546
Grade 10, $3,300 to $3,900; average, $3,600—						
Junior administrative officer	5	3,432	5	3,432	4	3,809
Grade 9, $3,000 to $3,600; average, $3,300—						
Senior administrative assistant	1	3,000	1	3,000	0.4	3,188
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant	2	3,000	2	3,000	2	3,000
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	1	2,300	1	2,300	1	2,188
Principal stenographer	1	2,600	1	2,600	1	2,479
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	1	1,860	1	1,860	0.9	2,000
Head stenographer	1	1,920	1	1,920	1	1,908
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	6	1,800	6	1,800	7.1	1,831
Clerk-stenographer	1	1,800	1	1,800	0.9	1,792
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	35	1,618	35	1,618	31	1,598
Head typist	2	1,590	2	1,590	2	1,463
Senior stenographer	5	1,572	5	1,572	2.6	1,649
Assistant clerk stenographer	3	1,560	3	1,560	2.6	1,551
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	7	1,482	7	1,482	7.6	1,459
Senior typist	3	1,460	3	1,460	2.1	1,364
Junior stenographer					1.7	1,412
Junior clerk-typist	1	1,560	1	1,560	2.9	1,492
Junior clerk-stenographer	3	1,320	3	1,320	1.4	1,441
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	15	1,262	15	1,262	16.4	1,289
Junior typist	15	1,298	15	1,298	0.8	1,338
Understenographer	4	1,283	1	1,140	0.5	1,324
Underclerk-typist	7	1,219	7	1,219	15.4	1,201
Custodial service—						
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger	6	1,077	6	1,077	3.8	1,039
Total average number of employees	128		125		112.8	
Total salaries, departmental service		217,500		213,500		195,755

The difference between 1929 and 1928 is due to increase in force, $4,000.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

Detection and Prosecution of Crimes—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Field service:					
Salaries and wages—	*Average—*	*Average—*	*Average—*		
	No. *Salary*	*No.* *Salary*	*No.* *Salary*		
Salary range, $5,200 to $6,000; average, $5,600—					
Accountant	1 $5,200	1 $5,200			
Special agent	3 5,576	3 5,576	2.3 $5,677		
Salary range, $3,800 to $5,000; average, $4,400—					
Accountant	30 4,287	30 4,287	24.8 4,254		
Special agent	24 4,226	24 4,226	20.5 4,122		
Salary range, $3,300 to $3,900; average, $3,600—					
Accountant	11 3,496	11 3,496	11.2 3,531		
Special agent	12 3,600	12 3,600	14.3 3,572		
Salary range, $3,000 to $3,600; average, $3,300—					
Accountant	30 3,117	28 3,125	20.8 3,151		
Special agent	63 3,310	63 3,310	61 3,293		
Salary range, $2,700 to $3,300; average, $3,000—					
Accountant	3 3,100	3 3,100	3.3 3,096		
Special agent	186 2,955	186 2,955	187.5 2,958		
Salary range, $2,400 to $3,000; average, $2,700—					
Special agent	3 2,933	3 2,933	9 2,799		
Salary range, $2,100 to $2,700; average, $2,400—					
Special agent	1 2,600	1 2,600	2.1 2,668		
Clerk-stenographer			0.3 2,627		
Salary range, $1,860 to $2,400; average, $2,111—					
Clerk-stenographer			0.9 2,241		
Salary range, $1,680 to $2,040; average, $1,860—					
Special agent	3 1,920	3 1,920	1.1 1,809		
Clerk-stenographer	2 1,920	2 1,920	1 1,920		
Salary range, $1,500 to $1,860; average, $1,680—					
Clerk-stenographer	72 1,647	72 1,647	33 1,733		
Salary range, $1,320 to $1,680; average, $1,500—					
Clerk-stenographer	20 1,428	20 1,428	60.6 1,453		
Salary range, $1,140 to $1,500; average, $1,320—					
Clerk-stenographer			0.6 1,138		
Total average number of employees	464	462	454.3		
Total salaries and wages, field service	1,362,716	1,356,716	1,309,031		
The difference between 1929 and 1928 is due to increase in force, $6,000.					
01 Total personal services	1,580,216.00	1,570,216.00	1,504,786.00		
Supplies and materials:					
0200 Stationery and office supplies	12,000.00	10,000.00	14,151.85		
0210 Medical and hospital supplies	25.00	25.00	25.00		
0220 Scientific and educational supplies	600.00	600.00	672.70		
0230 Fuel	500.00	500.00	558.84		
0240 Wearing apparel			2.05		
0280 Sundry supplies	200.00	200.00	237.61		
0290 Materials	20.00	20.00	22.70		
02 Total supplies and materials	13,345.00	11,345.00	15,670.75		
03 Subsistence and support of persons			18.75		
04 Subsistence (animals) and storage (vehicles)			174.00		
Communication service:					
0500 Telegraph	12,750.00	12,750.00	12,751.66		
0510 Telephone	17,500.00	17,500.00	17,533.91		
0520 Other communication service	150.00	150.00	181.18		
05 Total communication service	30,400.00	30,400.00	30,466.75		
06 Travel expenses	595,299.00	565,899.00	409,877.06		
07 Transportation of things	500.00	500.00	648.19		
Printing, binding, etc.:					
0800 Printing and binding	300.00	300.00			
0810 Lithographing, engraving, and engrossing			376.60		
0820 Stenographic work (job)	500.00	500.00	596.31		
08 Total printing, binding, etc	800.00	800.00	972.91		
10 Furnishing of heat, light, power, etc	300.00	200.00	293.15		
Rents:					
1100 Buildings	14,400.00	14,400.00	11,374.15		
1110 Other	240.00	240.00	80.17		
11 Total rents	14,640.00	14,640.00	11,454.32		
12 Repairs and alterations	1,000.00	1,000.00	1,009.02		
13 Special and miscellaneous current expenses	1,500.00	1,000.00	1,626.99		
Equipment:					
3000 Passenger-carrying vehicles		2,000.00	2,983.40		
3010 Furniture, furnishings, and fixtures	10,000.00	10,000.00	30,026.50		
3020 Educational scientific, and recreational equipment	1,000.00	1,000.00	1,333.40		
3050 Other	1,000.00	1,000.00	1,625.82		
30 Total equipment	12,000.00	14,000.00	35,969.12		
		2,210,000.00	2,012,967.01		
Unobligated balance			141,312.99		
Reserve		40,000.00			
Total	2,250,000.00	2,250,000.00	2,154,280.00		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Examination of Judicial Offices—		
Examination of judicial offices: For the investigation of the official acts, records, and accounts of marshals, attorneys, and clerks of the United States courts and Territorial courts, *probation officers*, and United States commissioners, for which purpose all the official papers, records, and dockets of said officers, without exception, shall be examined by the agents of the Attorney General at any time; and also, when requested by the presiding judge, the official acts, records, and accounts of referees and trustees of such courts; for copying, in the District of Columbia or elsewhere, reports of examiners at folio rates; traveling expenses; and including not to exceed $49,500 for personal services in the District of Columbia; in all, $164,000; to be expended under the direction of the Attorney General (*U. S. C., p. 45, sec. 301; act Feb. 24, 1927, vol. 44, p. 1194*)	$164,000.00	$164,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Clerical, administrative, and fiscal service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 12, $5,200 to $6,000; average, $5,600—						
Senior administrative officer	1	$5,600	1	$5,600	1	$5,400
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant	1	2,700	1	2,700	1	2,604
Grade 5, $1,860 to $2,400; average, $2,100—						
Senior clerk	7	1,986	7	1,986	7	1,986
Senior clerk-stenographer	1	2,000	1	2,000	0.6	2,086
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	4	1,755	4	1,755	4	1,721
Clerk-stenographer	1	1,740	1	1,740	1.6	1,719
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	3	1,620	3	1,520	3.4	1,579
Assistant clerk-stenographer	2	1,590	2	1,590	1.6	1,636
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk			0.2	1,465		
Total average number of employees	20		20.2		20	
Total salaries, departmental service		$40,700		$41,000		$40,431
The difference between 1929 and 1928 is due to decrease in force, $300.						
Field service:						
Salaries and wages—						
Salary range, $5,200 to $6,000; average, $5,600—						
Examiner					0.6	5,445
Salary range, $3,800 to $5,000; average, $4,400—						
Examiner	4	4,200	4	4,200	3.2	4,156
Salary range, $3,300 to $3,900; average, $3,600—						
Examiner	1	3,600	1	3,600	2	3,854
Salary range, $3,000 to $3,600; average, $3,300—						
Examiner	2	3,300	2	3,300	1	3,183
Salary range, $2,400 to $3,000; average, $2,700—						
Examiner	14	2,721	14	2,721	14	2,691
Total average number of employees	21		21		20.8	
Total salaries and wages, field service		65,100		65,100		65,125
01 Total personal services		105,800.00		106,100.00		105,556.00
02 Stationery and office supplies		50.00		50.00		11.58
06 Travel expenses		54,650.00		51,350.00		32,724.47
08 Stenographic job work		3,000.00		3,000.00		2,352.40
12 Repairs and alterations		50.00		50.00		6.00
13 Special and miscellaneous current expenses		50.00		50.00		29.30
30 Furniture, furnishings, and fixtures		400.00		400.00		371.25
				161,000.00		141,051.00
Reserve				3,000.00		
Unobligated balance						8,449.00
Total		164,000.00		164,000.00		149,500.00

Enforcement of Antitrust Laws—		
Enforcement of antitrust laws: For the enforcement of antitrust laws, including experts at such rates of compensation as may be authorized or approved by the Attorney General, including not to exceed $55,000 for personal services in the District of Columbia, [$198,000] *$200,000: Provided*, That no part of this money shall be spent in the prosecution of any organization or individual for entering into any combination or agreement having in view the increasing of wages, shortening of hours, or bettering the conditions of labor, or for any act done in furtherance thereof not in itself unlawful: *Provided further*, That no part of this appropriation shall be expended for the prosecution of producers of farm products and associations of farmers who cooperate and organize in an effort to and for the purpose to obtain and maintain a fair and reasonable price for their products (*U. S. C., pp. 351–361, secs. 1–77; act Feb. 24, 1927, vol. 44, p. 1194*)	200,000.00	198,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

Enforcement of Antitrust Laws—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927		Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
	Average—		*Average—*		*Average—*			
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*		
Departmental service:								
Salaries—								
Professional service—								
Grade 6, $6,000 to $7,500; average, $6,750—								
Chief attorney	1.5	$6,750	1.5	$6,750	1.4	$6,336		
Grade 5, $5,200 to $6,000; average, $5,600—								
Senior attorney	1	5,200	1	5,500	0.2	5,344		
Grade 4, $3,800 to $5,000; average, $4,400—								
Attorney	1	4,800	1	4,800	1	4,700		
Grade 3, $3,000 to $3,600; average, $3,300—								
Associate attorney					0.3	3,390		
Grade 2, $2,400 to $3,000; average, $2,700—								
Assistant attorney	1	2,600	1	2,400				
Grade 1, $1,860 to $2,400; average, $2,130—								
Junior attorney	1	2,200	1	2,000	1	1,860		
Clerical, administrative, and fiscal service—								
Grade 7, $2,400 to $3,000; average, $2,700—								
Junior administrative assistant	1	2,500	1	2,500	1	2,623		
Grade 6, $2,100 to $2,700; average, $2,400—								
Principal clerk	1	2,700	1	2,700	1	2,700		
Grade 5, $1,860 to $2,400; average, $2,130—								
Senior clerk-stenographer	1	2,400	1	2,400	1	2,237		
Grade 4, $1,680 to $2,040; average, $1,860—								
Principal stenographer	1	1,920	1	1,860	1	1,775		
Clerk-stenographer	1	1,920	1	1,860	1	1,790		
Grade 3, $1,500 to $1,860; average, $1,680—								
Senior stenographer	5	1,704	5	1,644	4.1	1,594		
Assistant clerk-stenographer					0.3	1,467		
Custodial service—								
Grade 3, $1,020 to $1,260; average, $1,140—								
Messenger	1	1,260	1	1,260	1	1,260		
Total average number of employees	16.5		16.6		14.3			
Total salaries, departmental service		46,145		45,625		36,827		
The difference between 1929 and 1928 is due to increase in salaries, $520.								
Field service:								
Salaries and wages—								
Salary range, $6,000 to $7,500; average, $6,750—								
Chief attorney	3	7,458	3	7,291	2.3	7,366		
Salary range, $5,200 to $6,000; average, $5,600—								
Senior attorney	3	5,666	3	5,833	6.1	5,783		
Salary range, $3,800 to $5,000; average, $4,400—								
Attorney	7	4,214	6	4,200	2.1	4,349		
Salary range, $3,000 to $3,600; average, $3,300—								
Associate attorney	4	3,250	3	3,333	3.3	3,600		
Salary range, $2,700 to $3,300; average, $3,000—								
Attorney	1	2,750	1	2,750				
Salary range, $2,400 to $3,000; average, $2,700—								
Assistant attorney					1.7	2,695		
Salary range, $2,100 to $2,700; average, $2,400—								
Attorney	1	2,100	1	2,100				
Salary range, $1,860 to $2,400; average, $2,111—								
Junior attorney					2.4	2,400		
Senior clerk					0.5	2,004		
Head stenographer					0.9	2,040		
Salary range, $1,680 to $2,040; average, $1,860—								
Clerk	1	1,800	1	1,800	1	1,700		
Salary range, $1,500 to $1,860; average, $1,680—								
Assistant clerk	1	1,620	1	1,620				
Salary range, $1,320 to $1,680; average, $1,500—								
Junior clerk	2	1,440	2	1,440	2	1,448		
Junior stenographer					0.7	1,457		
Junior clerk-stenographer					1.3	1,428		
Salary range, $1,020 to $1,260; average, $1,100—								
Messenger					0.2	1,100		
Salary range, $600 to $780; average, $690—								
Junior messenger	1	720	1	720	1	720		
Total average number of employees	24		22		25.5			
Total salaries and wages, field service		93,745		86,445		94,973		
The difference between 1929 and 1928 is due to—								
Increase in force	$6,300							
Increase in salaries	1,000							
Total increase	7,300							
Specially retained lawyers, whose compensation was or is to be determined by the Attorney General		12,000.00		15,000.00		6,700.00		
Fees of special masters in chancery		13,500.00		14,500.00		25,100.00		
Total personal services, field		119,245.00		115,945.00		126,773.00		
01 Total personal services		165,390.00		161,570.00		163,600.00		
02 Supplies and materials:								
0200 Stationery and office supplies						3.20		
Communication service:								
0500 Telegraph service		300.00		300.00		208.70		
0510 Telephone service		400.00		400.00		500.00		
05 Total communication service		700.00		700.00		708.70		
06 Travel expenses		29,580.00		29,000.00		26,018.96		
07 Transportation of things		20.00		20.00		72.65		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Enforcement of Antitrust Laws—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Printing, binding, etc.:			
0820	Stenographic work (job)	$2,610.00	$2,610.00	$2,421.96
0830	Photographic work (job)	100.00	100.00	
08	Total printing, binding, etc	2,710.00	2,710.00	2,421.96
11	Rents:			
1110	Other	300.00	150.00	65.59
12	Repairs and alterations	50.00	50.00	
13	Special and miscellaneous current expenses	1,100.00	1,100.00	1,243.94
	Equipment:			
3010	Furniture, furnishings, and fixtures	50.00	50.00	161.50
3020	Educational, scientific, and recreational	100.00	150.00	3.50
30	Total equipment	150.00	200.00	165.00
			195,500.00	194,300.00
	Unobligated balance			5,700.00
	Reserve		2,500.00	
	Total	200,000.00	198,000.00	200,000.00

Enforcement of Acts to Regulate Commerce—

Enforcement of acts to regulate commerce: For salary and expenses of assistant to the Solicitor General in representing the Government in all matters arising under the act entitled "An act to regulate commerce," approved February 4, 1887, as amended, including traveling expenses, to be expended under the direction of the Attorney General, including not to exceed [$9,540] *$9,900* for salaries of employees in the District of Columbia (*act Feb. 24, 1927, vol. 44, p. 1194*) $10,500.00 $10,500.00

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Departmental service:						
	Salaries—						
	Professional service—						
	Grade 6, $6,000 to $7,500; average, $6,750—	*Average—*		*Average—*		*Average—*	
	Chief attorney (assistant to the Solicitor General)	*No.* 1	*Salary* $7,500	*No.* 1	*Salary* $7,500	*No.* 1	*Salary* $7,500
	Clerical, administrative, and fiscal service—						
	Grade 5, $1,860 to $2,400; average, $2,111.42—						
	Secretary	1	2,400				
	Grade 4, $1,680 to $2,040; average, $1,860—						
	Secretary			1	2,040	1	2,040
	Total average number of employees	2		2		2	
01	Total salaries, departmental service		9,900		9,540		9,540
	The difference between 1929 and 1928 is due to increase in salaries, $360.						
06	Travel expenses		600.00		960.00		584.49
							10,124.49
	Unobligated balance						375.51
	Total		10,500.00		10,500.00		10,500.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), data of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Salaries and Expenses, Pueblo Lands Board—		
Pueblo Lands Board: For expenses of the Pueblo Lands Board, including compensation for member appointed by the President of the United States, and for clerical assistants, interpreters, surveyors, translators, and stenographers, rental of quarters, travel expenses, fees of witnesses, telephone and telegraph service, including the maintenance and operation of a passenger-carrying motor vehicle (*acts June 7, 1924, vol. 43, p. 636; Feb. 24, 1927, vol. 44, p. 1194*)	$33,000.00	$33,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $6,000 to $7,500; average, $6,750—						
Representative of President	1	$6,000	1	$6,000	1	$6,000
Salary range, $3,300 to $3,900; average, $3,600—						
Clerk to board	1	3,500	1	3,500	1	3,500
Salary range, $2,400 to $3,000; average, $2,700—						
Surveyor	1	2,500	1	2,500	1	2,500
Translator	1	2,500	1	2,500	1	2,500
Salary range, $2,100 to $2,700; average, $2,400—						
Draftsman					0.2	2,200
Salary range, $1,860 to $2,400; average, $2,100—						
Stenographer	1	2,000	1	2,000	0.8	2,083
Salary range, $1,680 to $2,040; average, $1,860—						
Translator	1	1,800	1	1,800	1.1	1,750
Stenographer	1	1,800	1	1,800	1	1,800
Reporter	0.5	1,800	0.5	1,800		
Total average number of employees	7.5		7.5		7.1	
Total salaries and wages, field service		21,000.00		21,000.00		20,132.00
Special temporary per diem employees						473.51
Fees of witnesses		3,000.00		6,000.00		488.70
Total average number of regular employees	7.5		7.5		7.1	
01 Total personal services		24,000.00		26,000.00		21,094.21
Communication service:						
0500 Telegraph service		250.00		250.00		10.14
0510 Telephone service		250.00		250.00		126.85
0520 Other communication service						6.00
05 Total communication service		500.00		500.00		142.99
06 Travel expenses		6,520.00		4,020.00		2,851.30
07 Transportation of things						19.75
09 Advertising and publication of notices						19.40
11 Rent of buildings		1,980.00		1,980.00		2,055.00
13 Special and miscellaneous current expenses						270.23
30 Furniture, furnishings, and fixtures						239.05
				32,500.00		26,691.93
Unobligated balance						12,308.07
Reserve				500.00		
Total		33,000.00		33,000.00		39,000.00

Total miscellaneous under Department of Justice	2,851,150.00	2,843,700.00

JUDICIAL

Salaries, Supreme Court—		
Salaries: Chief Justice, $20,500; eight Associate Justices, at $20,000 each; and all [others] *other* officers and employees, whose compensation shall be fixed by the court, except as otherwise provided by law, and who may be employed and assigned by the Chief Justice to any office or work of the court, including an additional assistant to the reporter of the court, if the court deems one necessary, to enable the reporter to expedite the publication of its reports, $109,546; in all (*U. S. C., pp. 903, 904, secs. 324, 331; acts May 29, 1926, vol. 44, pp. 677, 678; Dec. 13, 1926, vol. 44, p. 919; Feb. 24, 1927, vol. 44, p. 1194*)	290,046.00	290,046.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries, Supreme Court—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—		*Average*—		*Average*—		*Average*—
Salary range, $7,500 and over—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Chief Justice	1	$20,500	1	$20,500	1	$17,750
Associate Justice	8	20,000	8	20,000	8	17,250
Salary range, $3,800 to $5,000; average, $4,400—						
Marshal	1	4,500	1	4,500	1	4,500
Law clerk	3	4,167	3	4,167	1	4,500
Secretary	1	4,400	1	4,400	1	4,400
Salary range, $3,300 to $3,900; average, $3,600—						
Law clerk	6	3,667	6	3,667	8.2	3,600
Secretary	1	3,600	1	3,600	0.8	3,375
Salary range, $3,000 to $3,600; average, $3,300—						
Assistant chief clerk	1	3,570	1	3,570	1	3,570
Librarian and file clerk	1	3,420	1	3,420	1	3,420
Salary range, $2,400 to $3,000; average, $2,700—						
Crier and assistant chief clerk	1	2,880	1	2,880	1	2,880
Stenographer	1	2,500	1	2,500	1	2,500
Salary range, $2,100 to $2,700; average, $2,400—						
Secretary					0.2	2,083
Salary range, $1,860 to $2,400; average, $2,100—						
Clerical assistant	1	2,000	1	2,000	0.9	1,983
Stenographer	1	2,250	1	2,250	0.8	2,085
Secretary	2	2,100	2	2,100	0.9	2,173
Salary range, $1,680 to $2,040; average, $1,860—						
Attendant in court room	1	1,730	1	1,730	1	1,730
Messenger and doorkeeper	18	1,730	18	1,730	17.9	1,728
Salary range, $1,140 to $1,500; average, $1,320—						
Page	2.8	1,336	2.8	1,336	2.8	1,336
Salary range, $1,020 to $1,260; average, $1,140—						
Skilled laborer	2	1,140	2	1,140	1	1,191
Total average number of employees	52.8		52.8		50.5	
Total salaries and wages, field service		287,214		287,214		257,122
Other personal services		2,832		2,832		877
01 Total personal services		290,046		290,046		257,999
Deduct obligations in excess of appropriation covering unpaid balance due for salaries						17,453
		290,046		290,046		240,546
Deduct transfer from appropriation for reporter, Supreme Court, under act of May 29, 1926						3,500
Total		290,046		290,046		237,046

Printing and Binding, Supreme Court—

For printing and binding for the Supreme Court of the United States $25,000, to be expended as required, without allotment by quarters. The printing and binding for the Supreme Court shall be done by the printer it may employ, unless it shall otherwise order (*U. S. C., pp. 904, 905; secs. 334–336, 354; p. 1421, sec. 111; acts May 29, 1926, vol. 44, pp. 677, 678; Feb. 24, 1927, vol. 44, pp. 1194*) ..... $25,000.00 | $25,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
02 Stationery and office supplies	$1,500.00	$1,500.00	$1,250.00
08 Printing, binding, etc	23,500.00	23,500.00	19,381.54
			20,631.54
Unobligated balance			4,368.46
Add transfer to appropriation "Printing and binding, Department of Justice and Courts"			25,000.00
Total	25,000.00	25,000.00	50,000.00

Miscellaneous Expenses, Supreme Court—

For miscellaneous expenses of the Supreme Court of the United States, *including rent of office for the reporter in Washington*, to be expended as the Chief Justice may direct (*act Feb. 24, 1927, vol. 44, p. 1194*) ..... 20,374.00 | 18,874.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Miscellaneous Expenses, Supreme Court—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
01	Temporary personal services (stenographer)	$500.00	$500.00	$403.00
	Supplies and materials:			
0200	Stationery and office supplies	3,000.00	3,000.00	3,056.94
0210	Medical and hospital supplies	35.00	35.00	35.43
0220	Scientific and educational supplies	45.00	45.00	44.70
0230	Fuel	600.00	600.00	580.89
0280	Sundry supplies	375.00	375.00	363.43
02	Total supplies and materials	4,055.00	4,055.00	4,081.39
04	Subsistence and storage	100.00	100.00	96.00
	Communication service:			
0500	Telegraph service	10.00	10.00	6.90
0510	Telephone service	290.00	290.00	286.00
0520	Other communication service	100.00	100.00	88.00
05	Total communication service	400.00	400.00	380.90
06	Travel expenses	2,000.00	2,000.00	1,808.44
07	Transportation of things	400.00	400.00	393.13
08	Stenographic job work	190.00	190.00	189.50
09	Advertising and publishing of notices	1,540.00	40.00	38.25
11	Rents	25.00	25.00	19.00
12	Repairs and alterations	6,000.00	6,000.00	2,797.12
13	Special and miscellaneous current expenses	1,164.00	1,164.00	703.66
30	Furniture, furnishings, and fixtures	4,000.00	4,000.00	3,329.03
				14,239.42
	Unobligated balance			4,634.58
	Total	20,374.00	18,874.00	18,874.00

Salary of Reporter, Supreme Court—

For the salary of the reporter (*U. S. C., p. 904, sec. 333; acts May 29, 1926, vol. 44, p. 677; Feb. 24, 1927, vol. 44, p. 1194*) ..... $8,000.00 | $8,000.00

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Field service:						
	Salaries and wages—	*Average—*		*Average—*		*Average—*	
	Salary range, $7,500 and over—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
01	Reporter	1	$8,000	1	$8,000	1	$8,000
	Add transfer to appropriation "Salaries, Supreme Court," under act of May 29, 1926						3,500
	Total		8,000		8,000		11,500

Salaries of Circuit, District, and Retired Judges—

For salaries of thirty-four circuit judges, at $12,500 each [one hundred and twenty-eight] *one hundred and thirty-five* district judges (including two in the Territory of Hawaii and one in the Territory of Porto Rico), at $10,000 each; and judges retired under section 260 of the Judicial Code, as amended by the act of February 25, 1919; in all, [$1,813,500] *$1,864,500: Provided*, That this appropriation shall be available for the salaries of all United States justices and circuit and district judges lawfully entitled thereto, whether active or retired (*U. S. C., p. 893, sec. 213; p. 864, sec. 5; p. 908, sec. 375; acts Dec. 13, 1926, vol. 44, p. 919; Feb. 24, 1927, vol. 44, p. 1195*) ..... 1,864,500.00 | 1,813,500.00

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Field service:						
	Salaries and wages—	*Average—*		*Average—*		*Average—*	
	Salary range, $7,500 and over—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Circuit judge	34	$12,500	34	$12,500	32.9	$10,520
	District judge	135	10,000	135	10,000	127	8,759
	Retired judge	5	8,800	5	8,800	4.4	9,018
	Salary range, $6,000 to $7,500; average, $6,750—						
	Retired judge	7	6,500	7	6,500	7.7	6,533
	Total average number	181		181		172	
01	Total salaries and wages, field service		1,864,500		1,864,500		1,548,457
	Deduct amount to be included in supplemental estimate to cover salaries of additional judges				51,000		
					1,813,500		1,548,457
	Deduct obligation in excess of appropriation covering unpaid balance due for salaries						198,457
	Total		1,864,500		1,813,500		1,350,000

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), data of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Salaries, National Park Commissioners—		
For the salaries of the commissioners in the Crater Lake, Glacier, Mount Rainier, Yellowstone, Yosemite, Sequoia, and General Grant National Parks, $11,160, which shall be in lieu of all fees and compensation heretofore authorized (*U. S. C., p. 391, sec. 29; p. 396, sec. 72; p. 398, sec. 103; p. 401, sec. 132; p. 405, sec. 175; act Feb. 24, 1927, vol. 44, p. 1195*)	$11,160.00	$11,160.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
Salary range, $1,860 to $2,400; average, $2,100—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Commissioner	6	$1,860	6	$1,860	6	$1,860
Total average number of employees	6		6		6	
01 Total salaries and wages, field service		11,160		11,160		11,160

General object (title of appropriation), data of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
United States Court of Customs Appeals—		
Salaries: Presiding judge and four associate judges, at $12,500 each; and all other officers and employees of the court $28,780; in all	$91,280.00	
For rent of necessary quarters in the District of Columbia and elsewhere, $12,000; books and periodicals, including their exchange; stationery, supplies, traveling expenses; heat, light, and power service; drugs, chemicals, cleansers, furniture; and for such other miscellaneous expenses as may be approved by the presiding judge, $2,800; in all (*U. S. C., p. 901, secs. 301–305; p. 902, sec. 306; acts Dec. 13, 1926, vol. 44, p. 919; Feb. 24, 1927, vol. 44, p. 1195*)	14,800.00	
	106,080.00	106,080.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
Salary range, $7,500 and over—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Presiding judge	1	$12,500	1	$12,500	1	$10,500
Judge	4	12,500	4	12,500	4	10,500
Salary range, $3,800 to $5,000; average, $4,400—						
Clerk	1	4,750	1	4,750	1	4,400
Marshal	1	3,800	1	3,800	1	3,760
Reporter	1	3,800	1	3,800		
Salary range, $3,000 to $3,600; average, $3,300—						
Reporter					1	3,400
Salary range, $2,400 to $3,000; average, $2,700—						
Assistant clerk	1	3,000	1	3,000	1	2,600
Salary range, $1,860 to $2,400; average, $2,100—						
Stenographer-clerk	5	2,000	5	2,000	5	1,980
Salary range, $1,020 to $1,260; average, $1,140—						
Messenger	2	1,150	2	1,150	2	1,100
Salary range, $240 to $420; average, $330—						
Charwoman	3	377	3	377	3	377
Total average number of employees	19		19		19	
01 Total salaries and wages, field service		91,280		91,280		79,890
Supplies and materials:						
0200 Stationery and office supplies		150.00		150.00		185.38
0220 Scientific and educational supplies		125.00		125.00		32.82
0280 Sundry supplies		175.00		175.00		75.59
02 Total supplies and materials		450.00		450.00		293.79
Communication service:						
0500 Telegraph service		5.00		5.00		.72
0510 Telephone service		695.00		695.00		563.19
05 Total communication service		700.00		700.00		563.91
09 Travel expenses		70.00		70.00		50.00
07 Transportation of things		10.00		10.00		11.29
11 Rent of building		12,000.00		12,000.00		10,000.00
12 Repairs and alterations		270.00		270.00		184.25
13 Special and miscellaneous current expenses		300.00		300.00		167.53
Equipment:						
3010 Furniture, furnishings, and fixtures		400.00		400.00		377.19
3020 Educational and scientific equipment		600.00		600.00		2,361.52
30 Total equipment		1,000.00		1,000.00		2,738.71
						93,889.48
Deduct excess over amount appropriated, due to increase in salaries of judges						9,999.48
Total		106,080.00		106,080.00		83,890.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), data of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Salaries, Court of Claims—		
Salaries: Chief Justice, $12,500; four judges, at $12,500 each; and all other officers and employees of the court, [$60,462] *$61,585*; in all (*U. S. C., p. 896, secs. 241, 244; acts Dec. 13, 1926, vol. 44, p. 919; act Feb. 24, 1927, vol. 44, p. 1195*)	$124,085.00	$122,962.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average*—		*Average*—		*Average*—	
Salary range, $7,500 and over—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Chief Justice	1	$12,500	1	$12,500	1	$10,250
Judge	4	12,500	4	12,500	4	10,000
Salary range, $5,200 to $6,000; average, $5,600—						
Chief clerk	1	5,550	1	5,550	1	5,250
Auditor	1	5,250	1	5,250	1	5,250
Salary range, $3,800 to $5,000; average, $4,400—						
Auditor and reporter	1	4,750	1	4,750	1	4,750
Salary range, $3,000 to $3,600; average, $3,300—						
Assistant clerk	1	3,500	1	3,500	1	3,500
Salary range, $2,400 to $3,000; average, $2,700—						
Secretary to court	1	2,900	1	2,900	1	2,750
Salary range, $2,100 to $2,700; average, $2,400—						
Clerical assistant and custodian of building	1	2,200	1	2,200	1	2,200
Salary range, $1,860 to $2,400; average, $2,100—						
Stenographic secretary to the judge	5	2,360	5	2,360	4.7	2,005
Bailiff	1	2,000	1	2,000	1	2,000
Clerical assistant	4	2,000	2	2,000	2	2,000
Salary range, $1,680 to $2,040; average, $1,860—						
Clerical assistant			2	1,860	2	1,860
Salary range, $1,140 to $1,500; average, $1,320—						
Fireman	3	1,260	3	1,260	3	1,260
Salary range, $1,020 to $1,260; average, $1,140—						
Watchman	3	1,200	3	1,200	2.8	1,204
Chief messenger					1	1,260
Messenger					2	1,080
Elevator operator					1	1,080
Laborer					2	1,080
Custodial employee	1	1,123				
Custodial employee	6	1,110	6	1,110		
Salary range, $240 to $420; average, $330—						
Charwoman	2	376	2	376	2	376
Total average number of employees	36		35		34.5	
Total salaries and wages, field service		124,085		122,962		107,654
The difference between 1928 and 1929 is due to increase in force, $1,123.						
Deduct obligations in excess of appropriations due to change in judge's compensation						11,442
		124,085		122,962		96,212

	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Printing and Binding, Court of Claims—		
For printing and binding for the Court of Claims (*U. S. C., p. 1013, sec. 588; act Feb. 24, 1927, vol. 44, p. 1195*)	36,000.00	40,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
0200 Stationery	$800.00	$800.00	$819.62
0800 Printing and binding	35,200.00	39,200.00	32,829.63
			33,649.25
Unobligated balance			6,350.75
Total	36,000.00	40,000.00	40,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Contingent Expenses, Court of Claims—		
For stationery, court library, repairs, including repairs to bicycles, fuel, electric light, electric elevator, and other miscellaneous expenses (*U. S. C., p. 896, sec. 247; act. Feb. 24, 1927, vol. 44, p. 1195*)	$6,600.00	$6,600.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Supplies and materials:			
0200	Stationery and office supplies	$1,000.00	$1,000.00	$836.85
0230	Fuel	1,150.00	1,150.00	1,125.54
0280	Sundry supplies	600.00	600.00	661.66
0220	Scientific and educational supplies	14.00	14.00	14.00
02	Total supplies and materials	2,764.00	2,764.00	2,638.05
05	Telephone service	790.00	790.00	792.89
06	Travel expenses	61.00	61.00	62.00
07	Transportation of things	40.00	40.00	40.00
10	Furnishing heat, light, power, electricity	850.00	850.00	837.50
12	Repairs and alterations	1,525.00	1,525.00	1,716.93
13	Special and miscellaneous current expenses	150.00	150.00	157.91
	Equipment:			
3000	Office machines	150.00	150.00	114.38
3010	Furniture, furnishings, and fixtures	150.00	150.00	109.11
3020	Educational, scientific, etc., equipment	70.00	70.00	70.00
3050	Other equipment	50.00	50.00	61.23
30	Total equipment	420.00	420.00	354.72
	Total	6,600.00	6,600.00	6,600.00

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Salaries and Expenses of Commissioners, Court of Claims—		
[For salaries of seven commissioners, at $5,000 each; for travel expenses, compensation of stenographers authorized by the court, and for stenographic and other fees and charges necessary in the taking of testimony and in the performance of the duties prescribed in the act entitled "An act to authorize the appointment of commissioners by the Court of Claims and to prescribe their powers and compensation," approved February 24, 1925] (*U. S. C., p. 899, secs. 270, 271; act Feb. 24, 1927, vol. 44. p. 1195*)		43,387.50

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Field service:			
	Salaries and wages—	*Average* No. Salary	*Average*— No. Salary	*Average*— No. Salary
	Salary range, $3,800 to $5,000; average, $4,400— Commissioner		4.6 $5,000	7 $5,000
	Salary range, $1,860 to $2,400; average, $2,100— Stenographer		3.3 1,927	5.2 1,927
	Total average number of employees		7.9	12.2
01	Total salaries and wages, field service		28,990.00	45,021.00
06	Travel expenses		14,397.50	5,438.77
				50,459.77
	Unobligated balance			18,540.23
	Total		43,387.50	69,000.00

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Repairs to Court of Claims Buildings—		
For necessary repairs to the Court of Claims buildings, including repairing, remodeling, improving, and enlarging the heating, plumbing, elevator, and mechanical equipment, to be expended under the supervision of the Architect of the Capitol (submitted)	5,825.00	

12 Repairs and alterations: Expenditure—1929, $5,825.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object		Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
TERRITORIAL COURTS			
Salaries, Judges, Marshals, etc., Territory of Alaska—			
Alaska: Four judges, at $10,000 each; four attorneys, at $5,000 each; four marshals, at $4,000 each; four clerks, at $3,800 each; in all (*U. S. C., p. 1565, sec. 101; p. 1566, sec. 104; p. 1567, secs. 109, 110, 112, 113; acts Dec. 13, 1926, vol. 44, p. 919; Feb. 24, 1927, vol. 44, p. 1195*)		$91,200.00	$91,200.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average*—		*Average*—		*Average*—	
Salary range, $7,500 and over—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Judge	4	$10,000	4	$10,000	4	$8,750
Salary range, $3,800 to $5,000; average, $4,400—						
Attorney	4	5,000	4	5,000	4	5,000
Marshal	4	4,000	4	4,000	4	4,000
Salary range, $3,300 to $3,900; average, $3,600—						
Clerk	4	3,800	4	3,800	3.9	3,800
Total average number of employees	16		16		15.9	
01 Total salaries and wages, field service		91,200		91,200		85,704
Deduct obligations in excess of appropriation covering balance due for salaries of judges, namely, $5,000, less lapse in clerk's salary, as shown						4,504
Total		91,200		91,200		81,200

Salaries, Justices and Judges, Territory of Hawaii—			
Hawaii: Chief justice, $7,500; two associate justices, at $7,000 each; in all (*U. S. C., p. 1606, secs. 632, 634; acts Dec. 13, 1926, vol. 44, p. 919; Feb. 24, 1927, vol. 44, p. 1195*)	$21,500.00		
For judges of circuit courts, at $6,000 each (*same acts*)	48,000.00		
		69,500.00	69,500.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average*—		*Average*—		*Average*—	
Salary range, $6,000 to $7,500; average, $6,750—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Chief justice	1	$7,500	1	$7,500	1	$7,500
Associate justice	2	7,000	2	7,000	1.9	7,000
Judge	8	6,000	8	6,000	8	6,000
Total average number of employees	11		11		10.9	
01 Total salaries and wages, field service		69,500		69,500		68,831
Unobligated balance						669
Total		69,500		69,500		69,500

Total, Judicial, salaries, etc	2,658,370.00	2,646,309.50

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
UNITED STATES COURTS		
Salaries, Fees, and Expenses of Marshals, United States Courts— For salaries, fees, and expenses of United States marshals and their deputies, including services rendered in behalf of the United States or otherwise, services in Alaska in collecting evidence for the United States when so specially directed by the Attorney General, traveling expenses, *purchase when authorized by the Attorney General, of two motor-propelled passenger-carrying vehicles at not to exceed $2,000 each*, and maintenance, alteration, repair, and operation of [motor-driven] *motor-propelled* passenger-carrying vehicles used in connection with the transaction of the official business of the United States marshals [for the District of Columbia and the southern district of New York, $3,650,000] *$3,665,000: Provided*, That there shall be paid hereunder any necessary cost of keeping vessels or other property attached or libeled in admiralty in such amount as the court, on petition setting forth the facts under oath, may allow (*U. S. C., p. 71, sec. 676; p. 923, sec. 574; pp. 924, 925, secs. 579, 582–585; act Jan. 26, 1927, vol. 44, p. 1051; Feb. 24, 1927, vol. 44, p. 1196*)	$3,665,000.00	$3,650,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $6,000 to $7,500; average, $6,750— Marshal	4	$6,438	4	$6,438	4	$6,438
Salary range, $5,200 to $6,000; average, $5,600— Marshal	13	5,539	12	5,563	12	5,563
Salary range, $3,800 to $5,000; average, $4,400— Marshal	55	4,477	53	4,304	52.2	4,304
Salary range, $3,300 to $3,900; average, $3,600— Marshal	5	3,750	3	3,750	3	3,750
Salary range, $3,000 to $3,600; average, $3,300— Marshal	9	3,500	14	3,214	13.9	3,209
Deputy marshal	2	3,100	2	3,100	2.1	3,053
Salary range, $2,700 to $3,300; average, $3,000— Deputy	4	2,925	4	2,925	3.9	2,982
Salary range, $2,400 to $3,000; average, $2,700— Deputy marshal	14	2,657	14	2,657	14.2	2,665
Salary range, $2,100 to $2,700; average, $2,400— Deputy marshal	74	2,397	74	2,397	65.4	2,404
Salary range, $1,860 to $2,400; average, $2,100— Deputy marshal	46	2,185	46	2,185	49.7	2,181
Salary range, $1,680 to $2,040; average, $1,860— Deputy marshal	78	1,863	78	1,863	75.4	1,855
Salary range, $1,500 to $1,860; average, $1,680— Deputy marshal	220	1,708	220	1,708	193.3	1,616
Salary range, $1,320 to $1,680; average, $1,500— Deputy marshal	396	1,634	396	1,634	410	1,490
Salary range, $1,140 to $1,500; average, $1,320— Deputy	50	1,402	50	1,402	52	1,303
Salary range, $1,020 to $1,260; average, $1,140— Deputy	6	1,173	6	1,173	9.2	1,073
Salary range, $900 to $1,140; average, $1,020— Deputy	3	1,213	3	1,213	2	1,040
Salary range, $780 to $1,020; average, $900— Deputy	3	813	3	813	2.4	809
Salary range, $600 to $780; average, $690— Deputy	1	740	1	740	2.1	722
Salary range, $420 to $600; average, $510— Deputy	1	600	1	600		
Salary range, $0 to $240; average, $120— Deputy	3	158	3	158	3.8	141
Total average number of employees	987		987		970.6	
Total salaries and wages, field service	1,980,398.00		1,963,020.00		1,841,458.30	
The difference between 1929 and 1928 is due to increase in salaries, $17,378.						
Guarding and destroying seized property	152,622.00		105,000.00		226,192.27	
Fees and miscellaneous sporadic temporary services	16,000.00		16,000.00		13,548.50	
01 Total personal services	2,149,020.00		2,084,020.00		2,081,199.07	
Supplies and materials:						
0200 Stationery and office	1,050.00		1,050.00		1,011.58	
0220 Scientific and educational	90.00		90.00		77.50	
0230 Fuel	7,100.00		7,100.00		7,112.74	
0270 Ammunition	10.00		10.00		2.00	
0280 Sundry	5,500.00		5,500.00		5,467.55	
02 Total supplies and materials	13,750.00		13,750.00		13,671.37	
03 Subsistence	550.00		560.00		549.67	
04 Storage of seized vehicles, etc	17,000.00		17,000.00		16,999.34	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries, Fees, and Expenses of Marshals, United States Courts—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Communication service:			
0500 Telegraph service	$2,730.00	$2,730.00	$2,711.48
0510 Telephone service	33,650.00	33,650.00	33,619.12
0520 Other communication service	7,500.00	7,500.00	7,316.11
05 Total communication service	43,880.00	43,880.00	43,646.71
06 Travel expenses	1,350,000.00	1,350,000.00	1,078,740.22
Transportation of things:			
Seized property	8,500.00	8,500.00	8,231.09
Other items	4,000.00	4,000.00	3,981.59
07 Total transportation of things (service)	12,500.00	12,500.00	12,212.68
08 Stenographic work (job)	100.00	100.00	103.50
Advertising:			
Seized property	20,500.00	20,500.00	20,272.74
Other items	3,100.00	3,100.00	3,102.38
09 Total advertising	23,600.00	23,600.00	23,375.12
10 Heat, light, power, etc	2,000.00	2,000.00	1,964.95
Rents:			
1100 Buildings	1,300.00	1,300.00	1,316.75
1110 Other	4,000.00	4,000.00	3,778.18
11 Total rents	5,300.00	5,300.00	5,094.93
12 Repairs and alterations	1,000.00	1,000.00	1,028.66
Special and miscellaneous current expenses:			
Storage of seized property other than vehicles	32,700.00	32,700.00	29,566.07
Insurance on seized property	100.00	100.00	400.00
Other items	10,000.00	10,000.00	9,011.23
13 Total special and miscellaneous current expenses	42,800.00	42,800.00	38,077.30
Equipment:			
3010 Furniture, furnishings, and fixtures	400.00	400.00	387.34
3050 Other equipment	3,100.00	3,100.00	3,151.44
30 Total equipment	3,500.00	3,500.00	3,538.78
		3,600,000.00	3,321,102.30
Unobligated balance			78,897.70
Reserve		50,000.00	
Total	3,665,000.00	3,650,000.00	3,400,000.00

Salaries and Expenses of District Attorneys, United States Courts—

For salaries of United States district attorneys and expenses, including traveling expenses, of United States district attorneys and their regular assistants, including the office expenses of United States district attorneys in Alaska, and for salaries of regularly appointed clerks to United States district attorneys for services rendered during vacancy in the office of the United States district attorney (*U. S. C., p. 71, sec. 676; p. 924, secs. 579–581; acts Jan. 26, 1927, vol. 44, p. 1051; Feb. 24, 1927, vol. 44, p. 1196*) $1,430,000.00 $1,400,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $7,500 and over—						
Attorney	3	$9,667	3	$9,667	3	$9,667
Salary range, $6,000 to $7,600; average, $6,750—						
Attorney	11	7,255	11	6,955	10.9	6,934
Salary range, $5,200 to $6,000; average, $5,600—						
Attorney	20	5,975	20	5,775	18.4	5,811
Salary range, $3,800 to $5,000; average, $4,400—						
Attorney	52	4,805	52	4,615	50.1	4,600
Salary range, $3,000 to $3,600; average, $3,300—						
Clerk	1	3,300	1	3,300	1	3,300
Salary range, $2,700 to $3,300; average, $3,000—						
Clerk	2	3,300	2	3,300	2	3,300
Salary range, $2,400 to $3,000; average, $2,700—						
Clerk	4	2,588	4	2,588	2.9	2,700
Salary range, $2,100 to $2,700; average, $2,400—						
Clerk	4	2,527	4	2,527	5	2,482
Salary range, $1,860 to $2,400; average, $2,100—						
Clerk	24	2,179	24	2,179	26.5	2,419
Salary range, $1,680 to $2,040; average, $1,860—						
Clerk	44	1,874	44	1,874	43.8	1,867
Salary range, $1,500 to $1,860; average, $1,680—						
Clerk	88	1,664	88	1,664	84.5	1,676

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Salaries and Expenses of District Attorneys, United States Courts—Continued.					
Field service—Continued.					
Salaries and wages—Continued.	*Average—*	*Average—*	*Average—*		
Salary range, $1,320 to $1,680; average, $1,500—Clerk	*No.* 201 *Salary* $1,527	*No.* 201 *Salary* $1,446	*No.* 193.7 *Salary* $1,474		
Salary range, $1,140 to $1,500; average, $1,320—Clerk	44 1,405	44 1,282	43 1,299		
Salary range, $1,020 to $1,260; average, $1,140—Clerk	8 1,172	8 1,066	10 1,074		
Salary range, $900 to $1,140; average, $1,020—Clerk	3 1,100	3 1,000	0.3 1,000		
Salary range, $780 to $1,020; average, $900—Clerk			4.3 908		
Salary range, $600 to $780; average, $690—Clerk	11 753	11 753	8.2 736		
Total average number of employees	520	520	507.6		
01 Total salaries and wages, field service	1,179,408	1,139,395	1,121,622		
The difference between 1929 and 1928 is due to increase in salaries, $40,013.					
Supplies and materials:					
0200 Stationery and office	700.00	700.00	694.86		
0220 Scientific and educational	50.00	50.00	39.80		
0230 Fuel	500.00	500.00	497.84		
0280 Sundry	500.00	500.00	474.58		
02 Total supplies and materials	1,750.00	1,750.00	1,707.08		
Communication service:					
0500 Telegraph	7,500.00	7,500.00	7,416.45		
0510 Telephone	50,000.00	50,000.00	49,809.09		
0520 Other	750.00	750.00	742.32		
05 Total communication service	58,250.00	58,250.00	57,967.86		
06 Travel expenses	185,592.00	195,605.00	107,608.23		
07 Transportation of things	700.00	700.00	691.71		
08 Stenographic job work	100.00	100.00	10.15		
09 Advertising and publication of notices	100.00	100.00	22.00		
10 Heat, light, power, etc	1,500.00	1,500.00	1,487.02		
11 Rents, other than buildings	400.00	400.00	435.33		
12 Repairs and alterations	500.00	500.00	784.22		
13 Special and miscellaneous current expenses	700.00	700.00	912.69		
Equipment:					
3010 Furniture, furnishings, and fixtures	900.00	900.00	1,167.39		
3050 Other	100.00	100.00	60.90		
30 Total equipment	1,000.00	1,000.00	1,228.29		
			1,294,476.58		
Unobligated balance			39,523.42		
Total	1,430,000.00	1,400,000.00	1,334,000.00		
Pay of Regular Assistant Attorneys, United States Courts— For regular assistants to United States district attorneys who are appointed by the Attorney General at a fixed annual compensation (*U. S. C., p. 46, sec. 312; act Feb. 24, 1927, vol. 44, p. 1196*)				$1,125,000.00	$1,100,000.00
Field service:					
Salaries and wages—	*Average—*	*Average—*	*Average—*		
Salary range, $6,000 to $7,500; average, $6,750—Assistant attorney	*No.* 3 *Salary* $6,667	*No.* 3 *Salary* $6,667	*No.* 2.5 *Salary* $6,816		
Salary range, $5,200 to $6,000; average, $5,600—Assistant attorney	2 5,600	2 5,600	2 5,600		
Salary range, $3,800 to $5,000; average, $4,400—Assistant attorney	28 4,147	28 4,147	31.7 4,139		
Salary range, $3,300 to $3,900; average, $3,600—Assistant attorney			0.4 3,400		
Salary range, $3,000 to $3,600; average, $3,300—Assistant attorney	114 3,238	114 3,238	96.1 3,259		
Salary range, $2,400 to $3,000; average, $2,700—Assistant attorney	189 2,886	189 2,749	185.6 2,728		
Salary range, $1,860 to $2,400; average, $2,100—Assistant attorney	29 2,178	29 2,178	27.3 2,166		
Total average number of employees	365	365	345.6		
01 Total salaries and wages, field service	1,125,000	1,099,172	1,040,777		
Unobligated balance			59,223		
			1,100,000		
Deduct transfer from appropriation for investigation and prosecution of war frauds			100,000		
Total	1,125,000	1,099,172	1,000,000		
The difference between 1929 and 1928 is due to increase in salaries, $25,828.					

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, roferences to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Pay of Special Assistant Attorneys, United States Courts— For compensation and traveling expenses of assistants to the Attorney General and to United States district attorneys employed by the Attorney General to aid in special cases, and for payment of foreign counsel employed by the Attorney General in special cases (such counsel shall not be required to take oath of office as provided by section 366, Revised Statutes of the United States), [$400,000] *$380,000*: *Provided*, That the amount paid as compensation out of the funds herein appropriated to any person employed hereunder shall not exceed $10,000 (*U. S. C., p. 46, sec. 315; act Feb. 24, 1927, vol. 44, p. 1196*)	$380,000.00	$400,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $7,500 and over—						
Special attorney	2	$9,250	2	$9,250	2.5	$9,400
Salary range, $6,000 to $7,500; average, $6,750—						
Chief attorney	15.5	6,210	7.5	6,433	5.7	6,307
Salary range, $5,200 to $6,000; average, $5,600—						
Senior attorney	2	5,600	2	5,600		
Salary range, $3,800 to $5,000; average, $4,400—						
Attorney	3	4,667	3	4,667	4.5	4,852
Salary range, $3,000 to $3,600; average, $3,300—						
Associate attorney	2	3,250	2	3,250	1.8	3,333
Salary range, $2,400 to $3,000; average, $2,700—						
Assistant attorney	1	2,500	1	2,500	0.5	2,400
Total average number of employees	25.5		17.5		15	
Total fixed salaries and wages, field service		148,949		100,949		88,483
Professional compensation to be determined		179,051		249,051		246,934
01 Total personal services		328,000		350,000		335,417
06 Travel expenses		52,000		40,000		30,000
				390,000		365,417
Unobligated balance						34,583
Reserve				10,000		
Total		380,000		400,000		400,000

Salaries and Expenses of Clerks, United States Courts— For salaries of clerks of United States circuit courts of appeals and United States district courts, their deputies, and other assistants, travel expenses pursuant to the subsistence expense act of 1926, and other expenses of conducting their respective offices, in accordance with the provisions of the act approved February 26, 1919, and the act approved June 1, 1922, making appropriations for the Departments of State and Justice and for the Judiciary for the fiscal year ending June 30, 1923 (*U. S. C., p. 71, sec. 676; p. 864, secs. 6, 7; pp. 920–923, secs. 544, 545, 547, 557–570; acts Jan. 26, 1927, vol. 44, p. 1051; Feb. 24, 1927, vol. 44, p. 1196*) 1,820,000.00 1,775,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $6,000 to $7,500; average, $6,750—						
Clerk	10	$6,100	10	$6,100	10	$6,082
Salary range, $5,200 to $6,000; average, $5,600—						
Clerk	16	5,288	16	5,288	16	5,288
Salary range, $3,800 to $5,000; average, $4,400—						
Clerk	69	4,356	69	4,356	67.6	4,397
Salary range, $3,000 to $3,600; average, $3,300—						
Deputy clerk	6	3,200	6	3,200	6	3,200
Salary range, $2,700 to $3,300; average, $3,000—						
Deputy clerk	18	2,833	18	2,833	17.9	2,852
Salary range, $2,400 to $3,000; average, $2,700—						
Deputy clerk	14	2,693	14	2,693	14.6	2,700
Salary range, $2,100 to $2,700; average, $2,400—						
Deputy clerk	77	2,373	77	2,373	78.2	2,341
Clerical assistant	2	2,350	2	2,350	2	2,350
Salary range, $1,860 to $2,400; average, $2,100—						
Deputy clerk	61	2,105	61	2,105	53.6	2,124
Clerical assistant	4	2,115	4	2,115	4.4	2,095
Salary range, $1,680 to $2,040; average, $1,860—						
Deputy clerk	86	1,833	86	1,833	76.4	1,849
Clerical assistant	9	1,780	9	1,780	13.9	1,769
Salary range, $1,500 to $1,860; average, $1,680—						
Deputy clerk	100	1,626	100	1,626	100.7	1,631
Clerical assistant	31	1,608	31	1,608	31.4	1,596
Salary range, $1,320 to $1,680; average, $1,500—						
Deputy clerk	75	1,463	75	1,463	77.3	1,463
Clerical assistant	76	1,535	76	1,396	76	1,396
Salary range, $1,140 to $1,500; average, $1,320—						
Deputy clerk	57	1,368	57	1,244	57.3	1,249
Clerical assistant	81	1,357	81	1,234	77.3	1,232
Salary range, $1,020 to $1,260; average, $1,140—						
Deputy clerk	2	1,144	2	1,040	2.7	1,080
Clerical assistant	7	1,292	7	1,175	5.2	1,131

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses of Clerks, United States Courts—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Field service—Continued.			
Salaries and wages—Continued.	*Average—*	*Average—*	*Average—*
Salary range, $900 to $1,140; average, $1,020—	*No.* *Salary*	*No.* *Salary*	*No.* *Salary*
Deputy clerk	12 $1,043	12 $948	10.4 $947
Clerical assistant	3 1,064	3 967	4.9 965
Salary range, $780 to $1,020; average, $900—			
Deputy clerk	3 924	3 840	8.1 812
Clerical assistant	1 924	1 840	1.1 851
Salary range, $600 to $780; average, $690—			
Deputy clerk	14 726	14 726	9 692
Clerical assistant	1 720	1 720	0.1 680
Salary range, $420 to $600; average, $500—			
Deputy clerk	4 580	4 528	4 528
Clerical assistant	1 528	1 480	------ 480
Salary range, $240 to $420; average, $330—			
Deputy clerk	5 356	5 356	5.8 316
Salary range, $0 to $240—			
Deputy clerk	10 141	10 141	10.1 153
Clerical assistant	3 189	3 189	2 186
Total average number of employees	868	858	845
01 Total salaries and wages, field service	1,726,941	1,696,318	1,673,483
The difference between 1929 and 1928 is due to increase in salaries, $30,623.			
Supplies and materials:			
0200 Stationery and office supplies	495.00	495.00	493.03
0280 Sundry supplies	400.00	400.00	398.45
02 Total supplies and materials	895.00	895.00	891.48
Communication service:			
0500 Telegraph service	345.00	345.00	343.20
0510 Telephone service	27,110.00	27,110.00	27,109.51
0520 Other communication service	1,200.00	1,200.00	1,196.32
05 Total communication service	28,655.00	28,655.00	28,649.03
06 Travel expenses	60,589.00	46,212.00	40,911.14
07 Transportation of things	365.00	365.00	364.46
08 Printing, binding, etc. (stenographic job work)	----------	----------	8.00
09 Avertising and publication of notices	100.00	100.00	95.65
11 Rent (other than buildings)	320.00	320.00	318.22
12 Repairs and alterations	1,000.00	1,000.00	995.76
13 Special and miscellaneous current expenses	235.00	235.00	235.96
Equipment:			
3010 Furniture, furnishings, and fixtures	850.00	850.00	858.84
3050 Other equipment	50.00	50.00	67.25
30 Total equipment	900.00	900.00	926.09
	----------	----------	1,746,878.79
Unobligated balance	----------	----------	3,121.21
Total	1,820,000.00	1,775,000.00	1,750,000.00

Fees of Commissioners, United States Courts—
For fees of United States commissioners and other committing magistrates acting under section 1014, Revised Statutes of the United States (*U. S. C., p. 919, sec. 526; p. 926, secs. 597, 599; act Feb. 24, 1927, vol. 44, p. 1196*) $550,000.00 $600,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
01 Statutory fees	$550,000.00	$600,000.00	$520,267.32
Deduct obligations in excess of appropriation	----------	----------	20,267.32
Total	550,000.00	600,000.00	500,000.00

Fees of Jurors, United States Courts—
For mileage and per diems of jurors (*U. S. C., pp. 926, 927, secs. 600–605; acts Apr. 26, 1926, vol. 44, pp. 323, 324; Feb. 24, 1927, vol. 44, p. 1196*) 1,875,000.00 1,900,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
01 Per diem	$1,570,000.00	$1,590,000.00	$1,225,167.02
06 Mileage	305,000.00	310,000.00	239,597.47
	----------	----------	1,464,764.49
Unobligated balance	----------	----------	110,235.51
Total	1,875,000.00	1,900,000.00	1,575,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Fees of Witnesses, United States Courts— For mileage and per diems of witnesses and for per diems in lieu of subsistence; and for payment of the actual expenses of witnesses, as provided by section 850, Revised Statutes of the United States, including the expenses, mileage and per diems of witnesses on behalf of the Government before the United States Customs Court, such payments to be made on the certification of the attorney for the United States and to be conclusive as provided in section 846, Revised Statutes of the United States, [$1,850,000] *$1,725,000*: *Provided*, That not to exceed $10,000 of this amount shall be available for such compensation and expenses of witnesses or informants as may be authorized or approved by the Attorney General, which approval shall be conclusive (*U. S. C., pp. 926, 927, secs. 600–605; acts Apr. 26, 1926, vol. 44, pp. 323–324; Feb. 24, 1927, vol. 44, p. 1196*)	$1,725,000.00	$1,850,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
01	Per diem for attendance and travel	$560,000.00	$592,000.00	$402,706.15
03	Per diem in lieu of subsistence	315,000.00	333,000.00	228,132.20
	Travel expenses:			
	Mileage	710,000.00	777,000.00	533,707.08
	Actual expenses	140,000.00	148,000.00	105,813.15
06	Total travel expenses	850,000.00	925,000.00	639,520.23
				1,270,358.58
	Unobligated balance			129,641.42
	Total	1,725,000.00	1,850,000.00	1,400,000.00

Rent of Court Rooms, United States Courts— For rent of rooms for the United States courts and judicial officers (*act Feb. 24, 1927, vol. 44, p. 1196*)	76,000.00	80,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
11	Rent of buildings	$76,000.00	$77,000.00	$72,662.44
	Unobligated balance			7,337.56
	Reserve		3,000.00	
	Total	76,000.00	80,000.00	80,000.00

| *Pay of Bailiffs, etc., United States Courts*— For bailiffs and criers, not exceeding three bailiffs and one crier in each court, except in the southern district of New York and the northern district of Illinois; expenses of circuit and district judges of the United States and the judges of the district courts of the United States in Alaska, Porto Rico, and Hawaii, as provided by section 259 of the act entitled "An act to codify, revise, and amend the laws relating to the judiciary," approved March 3, 1911; meals and lodging for jurors in United States cases, and of bailiffs in attendance upon the same, when ordered by the court, and meals and lodging for jurors in Alaska, as provided by section 193, Title II, of the act of June 6, 1900; and compensation for jury commissioners, $5 per day, not exceeding three days for any one term of court, [$425,000] *$445,000*: *Provided*, That no per diem shall be paid to any bailiff or crier unless the court is actually in session and the judge present and presiding or present in chambers (*U. S. C., p. 864, sec. 9; p. 920, secs. 557–570; p. 926, secs. 595, 596; act Feb. 24, 1927, vol. 44, p. 1197*) | 445,000.00 | 425,000.00 |

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Per diem of bailiffs	$209,000.00	$197,000.00	$152,086.70
	Per diem of criers	48,500.00	46,000.00	40,162.55
	Per diem of jury commissioners	5,000.00	4,500.00	4,435.54
01	Total personal services	262,500.00	247,500.00	196,684.79
03	Meals and lodging for jurors	35,000.00	33,500.00	22,416.73
	Travel expenses:			
	Expenses of judges, transportation	36,500.00	35,000.00	34,253.89
	Expenses of judges, maintenance	111,000.00	104,000.00	96,807.37
06	Total travel expenses	147,500.00	139,000.00	131,061.26
			420,000.00	350,162.78
	Reserve		5,000.00	
	Deduct obligations in excess of appropriation			20,162.72
	Total	445,000.00	425,000.00	330,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Miscellaneous Expenses, United States Courts— For such miscellaneous expenses as may be authorized or approved by the Attorney General, for the United States courts and their officers, including experts at such rates of compensation as may be authorized or approved by the Attorney General, including also so much as may be necessary in the discretion of the Attorney General for such expenses in the District of Alaska and in courts other than Federal courts, and including traveling expenses pursuant to the subsistence expense act of 1926, *$957,000: Provided, That of this amount $119,000 shall be available only for the salaries and traveling expenses of law clerks for the circuit judges (act Feb. 24, 1927, vol. 44, p. 1197)*	$957,000.00	$800,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $3,000 to $3,600; average, $3,300—						
Librarian	1	$3,000	1	$3,000	1	$3,000
Law clerk	34	3,000				
Salary range, $2,700 to $3,300; average, $3,000—						
Clerk	2	2,850	2	2,850	1	3,000
Salary range, $2,400 to $3,000; average, $2,700—						
Stenographer-clerk	2	2,600	2	2,600	1.4	2,714
Miscellaneous	1	2,400	1	2,400	0.6	2,633
Salary range, $2,100 to $2,700; average, $2,400—						
Stenographer-clerk					0.1	2,100
Miscellaneous	1	2,500	1	2,500	1	2,500
Salary range, $1,860 to $2,400; average, $2,100—						
Stenographer-clerk	134	1,993	134	1,993	121.6	1,978
Miscellaneous	2	1,860	2	1,860	8.8	1,913
Salary range, $1,680 to $2,040; average, $1,860—						
Stenographer-clerk	33	1,739	33	1,739	30.6	1,759
Miscellaneous	3	1,867	3	1,867	2.1	1,743
Librarian	2	1,680	2	1,680		
Salary range, $1,500 to $1,860; average, $1,680—						
Librarian	1	1,500	1	1,500	0.4	1,563
Miscellaneous	3	1,780	3	1,780	3.8	1,675
Stenographer-clerk	13	1,575	5	1,694	5.7	1,586
Salary range, $1,320 to $1,680; average, $1,500—						
Stenographer-clerk	4	1,720	4	1,720	4.2	1,532
Miscellaneous	4	1,500	4	1,500	4	1,474
Messenger	1	1,560	1	1,560	1	1,560
Salary range, $1,140 to $1,500; average, $1,320—						
Stenographer-clerk	1	1,200	1	1,200	0.3	1,437
Miscellaneous	9	1,429	9	1,429	10	1,382
Messenger	20	1,272	20	1,272	18	1,287
Salary range, $1,020 to $1,260; average, $1,140—						
Miscellaneous	3	1,220	3	1,220	5	1,188
Messenger	17	1,144	17	1,144	15.3	1,163
Salary range, $900 to $1,140; average, $1,020—						
Stenographer-clerk					2.1	921
Messenger	66	921	66	921	52.9	948
Salary range, $780 to $1,020; average, $900—						
Messenger	3	827	3	827	3	827
Salary range, $600 to $780; average, $690—						
Miscellaneous					0.4	625
Librarian	1	600	1	600		
Salary range, $240 to $420; average, $330—						
Miscellaneous					1	384
Salary range, $0 to $240; average, $120—						
Messenger	17	175	17	175	18.5	205
Total average number of employees	378		336		313.8	
Total salaries and wages, field service		629,131.00		515,131.00		480,105.00
Temporary special and expert service		54,000.00		52,000.00		78,081.26
01 Total personal services		683,131.00		567,131.00		558,186.26
Supplies and materials:						
0200 Stationery and office supplies		350.00		350.00		335.40
0210 Medical and hospital supplies		170.00		170.00		198.80
0230 Fuel		1,550.00		1,550.00		1,535.76
0280 Sundry supplies		719.00		719.00		690.22
02 Total supplies and materials		2,789.00		2,789.00		2,760.18
Communication service:						
0500 Telegraph service		650.00		650.00		607.59
0510 Telephone service		20,650.00		20,650.00		20,634.62
0520 Other communication service		580.00		580.00		574.41
05 Total communication service		21,880.00		21,880.00		21,816.62
06 Travel expenses		108,000.00		85,000.00		53,688.14
07 Transportation of things		3,000.00		3,000.00		2,938.94
Printing, binding, etc.:						
0810 Lithographing, engraving and engrossing		300.00		300.00		315.15
0820 Stenographic job work, typewriting, etc.		75,000.00		70,000.00		52,335.75
80 Total printing, binding, etc.		75,300.00		70,300.00		52,650.90

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Miscellaneous Expenses, United States Courts—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
09	Advertising and publication of notices	$45,000.00	$27,000.00	$43,698.78
10	Heat, light, power, and electricity	8,100.00	8,100.00	7,732.28
11	Rents, other than buildings	300.00	300.00	292.39
12	Repairs and alterations	500.00	500.00	448.71
13	Special and miscellaneous current expenses	6,000.00	6,000.00	5,866.49
	Grants, subsidies, and contributions:			
2230	Gratuities	100.00	100.00	76.08
2250	Burial expenses	450.00	450.00	408.00
22	Total grants, subsidies, and contributions	550.00	550.00	484.08
	Equipment:			
3010	Furniture, furnishings, and fixtures	2,000.00	2,000.00	1,956.63
3050	Other equipment	450.00	450.00	403.23
30	Total equipment	2,450.00	2,450.00	2,359.86
			795,000.00	752,923.63
	Unobligated balance			2,076.37
	Reserve		5,000.00	
	Total	957,000.00	800,000.00	755,000.00

Supplies for United States Courts—
For supplies, including the exchange of typewriting and adding machines, for the United States courts and judicial officers, including firearms and ammunition therefor, to be expended under the direction of the Attorney General (*act Feb. 24, 1927, vol. 44, p. 1197*) $71,000.00 $70,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Supplies and materials:			
0200	Stationery	$46,700.00	$43,900.00	$45,261.53
0270	Powder, etc	50.00	50.00	35.60
0280	Sundry supplies	50.00	50.00	299.13
0290	Materials			11.12
02	Total supplies and materials	48,800.00	44,000.00	45,607.38
07	Transportation of things	1,000.00	1,000.00	1,508.64
12	Repairs and alterations			58.20
	Equipment:			
3010	Furniture, furnishings, and fixtures	20,600.00	22,900.00	20,230.87
3020	Educational, scientific, and recreational supplies	100.00	100.00	
3050	Other equipment	2,500.00	2,000.00	2,550.62
30	Total equipment	25,200.00	25,000.00	22,781.49
				69,955.71
	Unobligated balance			44.29
	Total	71,000.00	70,000.00	70,000.00

Books for Judicial Officers—
For the purchase of law books, including the exchange thereof, for United States judges, district attorneys, and other judicial officers, including the libraries of the nine United States circuit courts of appeals, for the purchase of the Federal Reporter and continuations thereto as issued, to be expended under the direction of the Attorney General: *Provided*, That such books shall in all cases be transmitted to their successors in office; all books purchased thereunder to be marked plainly "The property of the United States" (*U. S. C., p. 919, sec. 530; act Feb. 24, 1927, vol. 44, p. 1197*) 65,000.00 65,000.00

3020 Educational and scientific supplies (library stock): Expenditures—1929, $65,000; 1928, $65,000; 1927, $84,999.98.

Total, United States Courts, exclusive of penal institutions, etc 14,184,000.00 14,115,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
PENAL AND CORRECTIONAL INSTITUTIONS		
For all services, supplies, materials, and equipment in connection with or incident to the subsistence and care of inmates and maintenance and upkeep of Federal penal and correctional institutions, including farm and other operations not otherwise specifically provided for, in the discretion of the Attorney General; gratuities for inmates at release, provided such gratuities shall be furnished to inmates sentenced for terms of imprisonment of not less than six months, and transportation to the place of conviction or bona fide residence at the time of conviction, or to such other place within the United States as may be authorized by the Attorney General; expenses of interment or transporting remains of deceased inmates to their homes in the United States; not exceeding $500 at each institution for the maintenance and repair of passenger-carrying vehicles; traveling expenses of institution officials and employees when traveling on official duty, including expenses incurred in pursuing and identifying escaped inmates; traveling expenses of members of advisory boards authorized by law incurred in the discharge of their official duties; rewards for the capture of escaped inmates; newspapers, for which payment may be made in advance, books and periodicals; firearms and ammunition; tobacco for inmates; and the purchase and exchange of farm products and livestock, when authorized by the Attorney General (*act Feb. 24, 1927, vol. 44, p. 1197*).		
United States Penitentiary, Leavenworth, Kans.—		
United States penitentiary, Leavenworth, Kansas: For the United States penitentiary at Leavenworth, Kansas, including not to exceed [$253,840] *$280,000* for salaries and wages of all officers and employees (*U. S. C., p. 517, sec. 765; act Feb. 24, 1927, vol. 44, p. 1198*)	$890,000.00	$849,240.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $6,000 to $7,500; average, $6,750—						
Warden	1	$6,500	1	$6,500	0.8	$6,000
Salary range, $3,800 to $5,000; average, $4,400—						
Deputy warden	1	4,400	1	4,400	1	4,200
Physician	1	4,200	1	4,200	0.3	4,200
Salary range, $3,000 to $3,600; average, $3,300—						
Physician					0.8	3,300
Chief clerk	1	3,300	1	3,300		
Salary range, $2,400 to $3,000; average, $2,700—						
Chief clerk					1.1	2,400
Disbursing clerk	1	2,400	1	2,400		
Chief of mechanical service	1	2,400	1	2,400		
Salary range, $2,100 to $2,700; average, $2,400—						
Fingerprint clerk					1	2,100
Record clerk	1	2,100	1	2,100		
Salary range, $1,860 to $2,400; average, $2,100—						
Chief engineer	1	2,100	1	2,100		
Chaplain	2	1,860	2	1,860	2	1,893
Pharmacist	1	2,400	1	1,920	1	1,860
Storekeeper	1	1,920	1	1,920	1	1,860
Surgeon	1	1,860	1	1,860	0.8	1,860
Parole officer	1	1,920	1	1,920	1	1,860
Captain of watch	2	1,890	2	1,890	3	1,860
Farm manager	1	2,400	1	2,400	1	2,000
Salary range, $1,680 to $2,040; average, $1,860—						
Clerk	1	1,680	1	1,680		
Assistant record clerk	1	1,680	1	1,680		
Assistant engineer	1	1,680	1	1,680		
Receiving clerk	1	1,680	1	1,680		
Chief engineer					0.8	1,880
Record clerk					0.8	1,68
Foreman	8	1,770	8	1,740	8	1,680
Secretary to warden	1	1,680	1	1,680		
Lieutenant of watch	4	1,800	4	1,800		
Assistant storekeeper	2	1,740	2	1,680		
Salary range, $1,500 to $1,860; average, $1,680—						
Oculist	1	1,500	1	1,500	1	1,600
Assistant engineer	2	1,590	2	1,530	1.9	1,535
Clerk	1	1,560	1	1,500		
Guard	128	1,523	112	1,613	115.3	1,500
Salary range, $1,320 to $1,680; average, $1,500—						
Stenographer					1	1,320
Clerk	2	1,410	2	1,350	2	1,320
Salary range, $1,140 to $1,500; average, $1,320—						
Clerk	1	1,260	1	1,200	1	1,140
Dentist	1	1,260	1	1,200	1	1,200
Salary range, $1,020 to $1,260; average, $1,140—						
Teamster					0.9	1,058
Total average number of employees	172		156		148.2	
Total salaries and wages, field service		285,200		258,416		235,991
Deduct allowance value of subsistence, lodging, etc., furnished		5,200		6,156		3,752
01 Cash payment, salaries and wages		280,000		253,260		232,239
The difference between 1929 and 1928 is due to—						
Increase in force	$24,000					
Increase in salaries	2,740					
Total increase	26,740					

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

United States Penitentiary, Leavenworth, Kans.—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Supplies and materials:			
0200	Stationery and office supplies	$21,500.00	$21,600.00	$21,061.03
0210	Medical and hospital supplies	14,700.00	15,100.00	14,705.89
0220	Scientific and educational supplies	400.00	350.00	328.02
0230	Fuel	80,500.00	80,200.00	80,154.86
0240	Wearing apparel, etc	48,708.00	50,074.00	48,127.99
0250	Forage and other supplies	17,875.00	18,750.00	17,620.38
0260	Provisions	261,477.00	256,428.00	252,919.00
0270	Ammunition	50.00	20.00	18.92
0280	Sundry supplies	21,400.00	22,500.00	21,847.02
0290	Miscellaneous materials	5,948.00	9,565.00	9,286.34
02	Total supplies and materials	472,528.00	473,987.00	466,069.45
	Communication service:			
0500	Telegraph	450.00	450.00	440.12
0510	Telephone	550.00	550.00	531.34
0520	Other communication service	2,800.00	2,700.00	2,600.00
05	Total communication service	3,800.00	3,700.00	3,571.46
	Travel expenses:			
0600	Commercial transportation	64,652.00	63,923.00	61,497.89
0640	Subsistence for travelers	1,450.00	1,400.00	1,374.08
0650	Pullman fares	1,000.00	900.00	880.19
06	Total travel expenses	67,102.00	66,223.00	63,752.16
	Transportation of things:			
0700	Freight	220.00	220.00	222.75
0710	Express	450.00	450.00	451.01
0730	Local drayage	10.00	10.00	8.71
0770	Transporation of corpses	150.00	150.00	143.32
07	Total transportation	830.00	830.00	825.79
	Light, water, etc.:			
1030	Electricity	40.00	40.00	30.87
1040	Water	18,000.00	18,000.00	17,385.34
10	Total light, water, etc	18,040.00	18,040.00	17,416.21
11	Rents (miscellaneous)	50.00	50.00	48.20
	Repairs and alterations:			
1280	Machinery and equipment	1,000.00	500.00	675.71
1290	Special equipment	4,000.00	4,500.00	5,676.41
12	Total repairs and alterations	5,000.00	5,000.00	6,352.12
13	Rewards	1,000.00	1,000.00	900.00
	Gratuities, etc.:			
2230	Gratuities	15,000.00	9,000.00	8,790.00
2250	Burial expenses	200.00	200.00	208.60
22	Total gratuities	15,200.00	9,200.00	8,998.60
	Equipment:			
3010	Furniture and fixtures	20,000.00	11,000.00	20,332.82
3020	Educational equipment	1,000.00	1,000.00	934.04
3040	Livestock	500.00	500.00	416.50
3050	Other equipment	4,500.00	5,000.00	4,689.94
30	Total equipment	26,000.00	17,500.00	26,373.30
		889,550.00	848,790.00	826,546.29
	Add amount transferred to Department of Agriculture, Bureau of Animal Industry	450.00	450.00	
	Deduct obligations in excess of appropriation			15,053.29
	Total	890,000.00	849,240.00	811,493.00

United States Penitentiary, Leavenworth, Kans., Buildings—

[For the construction of buildings for infirmary and isolation ward] (*act Feb. 24, 1927, vol. 44, p. 1198*) $17,500.00

3210 Other structures (infirmary and isolation ward): Expenditures, 1928, $17,500.

United States Penitentiary, Leavenworth, Kans., Working Capital—

The appropriation of $250,000 for the fiscal year [1927] *1928*, for a working capital fund, is reappropriated and made available for the fiscal year [1928] *1929*; and the said working capital fund and all receipts credited thereto may be used as a revolving fund during the fiscal year [1928] *1929* (*U. S. C., p. 518, sec. 772; act Feb. 24, 1927, vol. 44, p. 1198*).

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
United States Penitentiary, Atlanta, Ga.—		
United States Penitentiary, Atlanta, Georgia: For the United States penitentiary at Atlanta, Georgia, including not to exceed [$254,360] *$267,500* for salaries and wages of all officers and employees (*U. S. C., p. 518, sec. 791; act Feb. 24, 1927, vol. 44, p. 1198*)	$852,500.00	$850,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $6,000 to $7,500; average, $6,750—						
Warden	1	$6,500	1	$6,500	1	$6,000
Salary range, $3,800 to $5,000; average, $4,400—						
Deputy warden	1	3,800	1	3,800	1	4,600
Salary range, $3,000 to $3,600; average, $3,300—						
Physician	1	3,000	1	3,000	1	3,000
Chief clerk	1	3,300	1	3,300		
Salary range, $2,400 to $3,000; average, $2,700—						
Chief clerk					1	2,400
Salary range, $2,100 to $2,700; average, $2,400—						
Assistant deputy warden					1	2,400
Chief, mechanical service	1	2,500	1	2,500	1	2,400
Salary range, $1,860 to $2,400; average, $2,100—						
Farm manager	1	1,920	1	1,920		
Chaplain	2	1,880	2	1,880	2	1,850
Assistant physician	1	1,860	1	1,860	0.6	2,007
Storekeeper	1	2,100	1	2,100	1	1,860
Captain of watch	2	2,160	2	2,160	3	2,010
Parole officer	1	1,920	1	1,920	1	1,860
Pharmacist	1	1,920	1	1,920	1	1,860
Disbursing clerk	1	1,860	1	1,860		
Engineer	1	2,100	1	2,100	1	1,860
Salary range, $1,680 to $2,040; average, $1,860—						
Record clerk	1	2,100	1	2,100	1	1,800
Clerk	1	1,680	1	1,680	1	1,680
Foreman	6	1,770	6	1,770	6	1,740
Head cook					1	1,680
Lieutenant of watch	4	1,725	4	1,725		
Clerk	1	1,740	1	1,740		
Assistant engineer	1	1,680	1	1,680		
Secretary to warden	1	1,680	1	1,680		
Assistant farm manager	1	1,680	1	1,680		
Assistant storekeeper	2	1,680	2	1,680		
Receiving clerk	1	1,680	1	1,680		
Salary range, $1,500 to $1,860; average, $1,680—						
Guard	121	1,525	113	1,513	113	1,500
Assistant engineer	2	1,560	2	1,560	2	1,500
Clerk					0.2	1,500
Salary range, $1,320 to $1,680; average, $1,500—						
Clerk	2	1,500	2	1,500	1	1,320
Salary range, $1,140 to $1,500; average, $1,320—						
Oculist	1	1,200	1	1,200	1	1,200
Dentist	1	1,200	1	1,200	1	1,200
Musical director					1	1,140
Clerk	2	1,320	2	1,320	2.8	1,250
Stenographer					0.5	1,292
Salary range, $1,020 to $1,260; average, $1,140—						
Teamster	2	1,080	2	1,020	2	1,020
Total average number of employees	166		158		149.1	
Total salaries and wages, field service		271,880		258,249		238,640
Deduct allowance value of subsistence, lodging, etc., furnished		4,380		4,249		3,750
01 Cash payment, salaries and wages		267,500		254,000		234,834
The difference between 1929 and 1928 is due to—						
Increase in force	$12,000					
Increase in salary	1,500					
Total increase	13,500					
Supplies and materials:						
0200 Stationery and office supplies		17,500.00		17,000.00		16,982.19
0210 Medical and hospital supplies		12,500.00		12,000.00		11,848.69
0230 Fuel		27,000.00		27,000.00		26,732.68
0240 Wearing apparel		79,744.00		77,252.00		56,339.79
0250 Forage		8,000.00		8,000.00		7,326.08
0260 Provisions		272,738.00		264,782.00		257,506.09
0280 Sundry supplies		24,000.00		24,000.00		23,480.21
0290 Miscellaneous material		6,000.00		6,000.00		5,364.84
02 Total supplies and materials		447,482.00		436,034.00		405,580.57
Communication service:						
0500 Telegraph service		200.00		200.00		121.77
0510 Telephone service		800.00		800.00		749.56
0520 Postage, etc		3,000.00		3,000.00		2,432.00
05 Total communication service		4,000.00		4,000.00		3,303.33
06 Travel expenses		50,000.00		55,000.00		49,594.21

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

United States Penitentiary, Atlanta, Ga.—Continued.

		Estimated expenditures 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Transportation of things:			
0700	Freight	$12,000.00	$14,000.00	$13,763.82
0710	Express	100.00	100.00	16.84
0770	Transportation of corpses	600.00	500.00	497.21
07	Total transportation of things	12,700.00	14,600.00	14,277.87
	Light, water, power, etc.:			
1010	Light and power	10,000.00	11,000.00	10,264.28
1040	Water	40,000.00	40,000.00	39,607.50
10	Total light, water, etc	50,000.00	51,000.00	49,871.78
12	Repairs and alterations	600.00	600.00	573.06
13	Rewards	1,000.00	1,000.00	745.00
	Gratuities, etc.:			
2230	Gratuities	10,000.00	19,000.00	9,115.00
2250	Burial expenses	500.00	500.00	225.00
22	Total gratuities, etc	10,500.00	19,500.00	9,340.00
	Equipment:			
3010	Furnishings and fixtures	4,768.00	5,316.00	4,252.86
3012	Dining-room furniture	1,000.00	6,000.00	12,478.77
3040	Livestock	500.00	500.00	25.00
3053	Motor vehicles	2,000.00	2,000.00	1,735.67
30	Total equipment	8,268.00	13,816.00	18,492.30
		852,050.00	849,550.00	786,612.12
	Add amount transferred to Department of Agriculture, Bureau of Animal Industry	450.00	450.00	
	Unobligated balance			79,459.88
	Total	852,500.00	850,000.00	866,072.00

United States Penitentiary, Atlanta, Georgia, Working Capital—

The appropriation of $150,000 for the fiscal year [1927] *1928* for a working capital fund is reappropriated and made available for the fiscal year [1928] *1929*; and the said working capital fund and all receipts credited thereto may be used as a revolving fund during the fiscal year [1928] *1929* (*U. S. C., p. 519, sec. 798; act Feb. 24, 1927, vol. 44, p. 1198*).

United States Penitentiary, McNeil Island, Wash.—

United States Penitentiary, McNeil Island, Washington: For the United States penitentiary at McNeil Island, Washington, including not to exceed [$82,000] *$112,500* for salaries and wages of all officers and employees, *and including not to exceed $2,000 for the purchase of a motor-propelled passenger-carrying vehicle* (*U. S. C., p. 516, sec. 741; act Feb. 24, 1927, vol. 44, p. 1198*) $332,500.00 $260,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $5,200 to $6,000; average, $5,600—						
Warden	1	$5,400	1	$5,400	1	$5,200
Salary range, $3,000 to $3,600; average, $3,300—						
Deputy warden	1	3,100	1	3,100		
Salary range, $2,700 to $3,300; average, $3,000—						
Deputy warden					1	3,000
Chief clerk	1	2,900	1	2,900		
Salary range, $2,100 to $2,700; average, $2,400—						
Chief clerk					1	2,400
Chaplain	1	2,500	1	2,500		
Salary range, $1,860 to $2,400; average, $2,100—						
Chaplain					1	2,400
Physician	1	2,000	1	2,000	0.7	2,340
Superintendent of boats					0.9	2,242
Foreman of floating equipment	1	2,100	1	2,100	0.4	2,213
Captain of watch	1	2,200	1	2,200	1	2,200
Parole officer	1	2,200	1	2,200	1	2,185
Superintendent of laundry					0.3	2,147
Disbursing clerk	1	2,100	1	2,100		
Salary range, $1,680 to $2,040; average, $1,860—						
Steward and cook	2	1,950	2	1,950	1	1,980
Engineer	1	1,980	1	1,980	1	1,965
Farm manager	1	1,920	1	1,920	0.6	1,905
Lieutenant of watch	1	1,920	1	1,920		
Storekeeper	1	1,920	1	1,920		
Receiving clerk	1	1,740	0.7	1,740		
Salary range, $1,500 to $1,860; average, $1,680—						
Guard	50	1,748	30	1,756	30.4	1,787
Assistant engineer	1	1,740	0.5	1,740		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

United States Penitentiary, McNeil Island, Wash.—Continued.

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
		Average— No.	Salary	*Average—* No.	Salary	*Average—* No.	Salary
	Field service—Continued.						
	Salaries and wages—Continued.						
	Salary range, $1,320 to $1,680; average, $1,500—						
	Assistant chief clerk					1	$1,600
	Stenographer	1	$1,920	1	$1,920	1	1,458
	Salary range, $900 to $1,140; average, $1,020—						
	Surgeon	1	1,000	1	1,000		
	Salary range, $600 to $780; average, $690—						
	Oculist	1	600	1	600		
	Dentist	1	600	1	600		
	Total average number of employees	71		50.2		43.3	
	Total salaries and wages, field service		131,140		94,960		85,090
	Deduct allowance value of subsistence, lodging, etc., furnished		18,640		12,960		14,336
01	Cash payment, salaries and wages		112,500		82,000		70,754
	The difference between 1929 and 1928 is due to—						
	Increase in force	$30,000					
	Increase in salaries	500					
	Total increase	30,500					
	Supplies and materials:						
0200	Stationery and office supplies		6,256.00		5,437.00		5,384.71
0210	Medical and hospital supplies		4,277.00		4,708.00		4,267.56
0230	Fuel		12,000.00		10,000.00		11,891.60
0240	Wearing apparel		19,680.00		14,260.00		14,558.45
0250	Forage and other supplies		24,337.00		22,753.00		22,393.92
0260	Provisions		68,649.00		54,662.00		54,749.31
0270	Ammunition		700.00		670.00		668.45
0280	Sundry supplies		15,000.00		19,942.00		19,080.05
0290	Miscellaneous materials		15,000.00		15,885.00		21,639.01
02	Total supplies and materials		165,899.00		148,317.00		154,633.06
	Communication service:						
0500	Telegraph service		200.00		100.00		88.78
0510	Telephone service		500.00		125.00		113.80
0520	Other communications		1,000.00		475.00		438.32
05	Total communication service		1,700.00		700.00		640.90
06	Travel expenses		15,971.00		10,978.00		13,894.33
	Transportation of things:						
0700	Freight		3,300.00		4,000.00		3,762.68
0730	Local drayage		50.00		75.00		63.15
0740	Scow hire		500.00		525.00		528.50
0750	Towage		50.00		25.00		30.98
0780	Miscellaneous		100.00		75.00		71.89
07	Total transportation of things		4,000.00		4,700.00		4,457.20
	Printing, binding, engraving, etc.:						
0810	Engraving		50.00		25.00		25.86
0830	Photography		50.00		15.00		15.52
08	Total printing, binding, engraving, etc		100.00		40.00		41.08
	Advertisements:						
0910	Advertising property		10.00		5.00		2.22
0930	Advertising for labor		10.00		5.00		5.20
0950	Publication announcements		10.00		5.00		4.32
09	Total advertisements		30.00		15.00		11.74
12	Total repairs and alterations		500.00		50.00		55.24
	Special and miscellaneous expenses:						
1340	Rewards		500.00		300.00		240.00
1380	Miscellaneous expenses		3,500.00		1,600.00		3,601.44
13	Total special and miscellaneous expenses		4,000.00		1,900.00		3,841.44
22	Gratuities		4,000.00		2,000.00		2,070.00
	Equipment:						
3000	Motor vehicles		2,000.00		1,560.00		1,044.01
3010	Furniture		10,000.00		2,000.00		11,283.06
3020	Educational equipment		200.00		300.00		229.50
3040	Livestock		5,000.00		3,000.00		4,403.00
3050	Other equipment		5,800.00		2,000.00		51,375.61
30	Total equipment		23,000.00		8,800.00		68,335.18
32	Buildings		500.00		200.00		270.00
			332,200.00		259,700.00		319,004.84
	Add amount transferred to Department of Agriculture, Bureau of Animal Industry		300.00		300.00		
	Unobligated balance						42.16
	Total		332,500.00		260,000.00		319,047.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
United States Penitentiary, McNeil Island, Wash., Buildings—		
[For the construction of additional cell houses, $40,000, to remain available until expended, and to be expended so as to give the maximum amount of employment to the inmates of said penitentiary (*act Feb. 24, 1927, vol. 44, p. 1198*).		
For the construction of administration building, dining hall and kitchen, and power house, $103,000, to remain available until expended, and to be expended so as to give the maximum amount of employment to the inmates of said penitentiary] (*same act*)		$143,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
3210 Other structures (cell houses and administration building, dining hall and kitchen, and power house)		$143,000.00	$74,704.40
Unobligated balance			25,295.60
Total		143,000.00	100,000.00

United States Penitentiary, McNeil Island, Wash.—Buildings, etc.—		
For construction of storeroom and barn, addition to hospital, enlarging and equipping main kitchen, furniture and equipment for completed buildings, construction of scow, repairs to floating equipment, and purchase of marine engines and pile-driving outfit, to remain available until expended, and to be expended so as to give the maximum amount of employment to the inmates of said penitentiary (submitted)	$177,100.00	

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
3000 Equipment	$22,100		
3210 Construction of buildings, etc	155,000		
Total	177,100		

Federal Industrial Institution for Women, Alderson, W. Va.—		
Federal Industrial Institution for Women, Alderson, West Virginia: For the Federal Industrial Institution for Women at Alderson, West Virginia, including not to exceed [$100,000] *$105,000* for salaries and wages of all officers and employees (*U. S. C., p. 519, sec. 812; act Feb. 24, 1927, vol. 44, p. 1198*)	275,000.00	230,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
Salary range, $5,200 to $6,000; average, $5,400—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Superintendent	1	$5,400	1	$5,400	1	$5,233
Salary range, $3,300 to $3,900; average, $3,600—						
Assistant superintendent	1	3,500	1	3,500	0.3	3,500
Resident physician	1	3,500	1	3,500	0.1	3,500
Salary range, $2,100 to $2,700; average, $2,400—						
Secretary	1	2,300	1	2,300	1	2,260
Chief clerk	1	2,300	1	2,300	1	2,260
Dishursing officer	1	2,300	1	2,290		
Record clerk	1	2,200	1	2,200	0.4	2,293
Psychologist	1	2,200	0.9	2,200		
Stewardess	1	2,200	1	2,200	1	2,200
Dietician	1	2,200	1	2,200	0.2	2,045
Farm manager	1	2,200	1	2,200	1	2,200
Parole officer	1	2,200	0.9	2,200		
Head nurse	1	2,200	0.9	2,200		
Engineer in charge	1	2,200	0.9	2,200	0.3	1,873
Veterinarian and herdsman	1	2,200	0.9	2,200	0.1	2,200
Foreman			1	2,400	0.4	2,418
Chief guard			0.5	2,400	0.1	2,400
Clerk-stenographer	1	2,200	0.9	2,200		
Stenographer			0.2	2,200	0.8	2,185

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Federal Industrial Institution for Women, Alderson, W. Va.—Continued.

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Field service—Continued.						
	Salaries and wages—Continued.	*Average—*		*Average—*		*Average—*	
	Salary range, $1,680 to $2,040; average, $1,860—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Teacher	2	$1,800	2	$1,800	0.2	$1,500
	Assistant farm manager	1	1,800	1	1,800	0.4	1,650
	Clerk-stenographer	1	1,740	1	1,740	0.3	2,000
	Storekeeper	1	1,800	1	1,800		
	Laundry foreman	1	1,800	1	1,800	0.5	1,680
	Mechanic	5	1,896	4.7	1,897	0.7	1,787
	Chief guard					0.9	1,853
	Stenographer	1	1,980	1	1,980		
	Nurse	1	1,740	0.9	1,740	0.5	1,602
	Salary range, $1,500 to $1,860; average, $1,680—						
	Typist	1	1,620	1	1,620	0.6	1,529
	Guard	3	1,500	3	1,500	0.6	1,528
	Salary range, $1,320 to $1,680; average, $1,500—						
	Warder	12	1,440	11	1,440	1.1	1,603
	Salary range, $1,140 to $1,500; average, $1,320—						
	Warder	22	1,200	15	1,200	0.7	1,204
	Fireman and coal passer	7	1,140	5	1,140	1.1	1,097
	Farm hand	4	1,260	4	1,260	2.2	916
	Total average number of employees	78		68.7		17.5	
	Total salaries and wages, field service		128,060		117,912		34,418
	Special fees and miscellaneous temporary employees		2,000		3,128		3,153
	Total all salaries, wages, and fees, field service		130,060		121,040		37,571
	Deduct allowances for subsistence, lodgings, etc		25,060		21,040		6,070
01	Cash payment, salaries and wages		105,000		100,000		31,501
	The difference between 1929 and 1928 is due to—						
	Increase in force	$4,800					
	Increase in salaries	200					
	Total increase	5,000					
	Supplies and materials:						
0200	Stationery and office supplies		1,400.00		1,000.00		4,475.29
0205	Cleaning supplies		7,000.00		7,000.00		
0210	Medical and hospital supplies		8,500.00		5,500.00		457.99
0220	Scientific and educational						108.45
0230	Fuel, gasoline, etc		6,000.00		5,000.00		2,761.33
0240	Wearing apparel		20,000.00		11,000.00		11,662.65
0250	Forage, etc						1,893.80
0260	Provisions		49,000.00		30,000.00		7,941.70
0270	Ammunition						43.12
0280	Sundry						11,095.20
0284	Miscellaneous supplies		18,000.00		17,200.00		
0290	Materials						7,648.70
02	Total supplies and materials		109,900.00		66,700.00		48,088.23
03	Subsistence and support of persons						208.16
04	Repairs and upkeep of vehicles		2,000.00		2,000.00		834.88
	Communication service:						
0500	Telegraph service		2,000.00		3,000.00		10.09
0510	Telephone service		2,000.00		3,000.00		30.65
0520	Postage		400.00		200.00		
05	Total communication service		4,400.00		6,200.00		40.74
06	Travel expenses		11,500.00		7,500.00		3,352.88
07	Transportation of things		5,000.00		7,500.00		4,408.98
08	Printing, binding, etc						1.30
10	Heat, light, power, etc		25,000.00		13,000.00		3,533.82
12	Repairs and alterations		2,000.00		10,500.00		129.35
13	Special and miscellaneous current expenses						5,083.63
22	Gratuities		4,200.00		1,500.00		
	Equipment:						
3010	Furniture, furnishings, and fixtures		2,000.00		200.00		8,215.14
3015	Kitchen and dining-room utensils		1,000.00		400.00		
3016	Bedding, etc		1,000.00		100.00		
3020	Education equipment		2,000.00		2,400.00		3,237.27
3040	Livestock						462.00
3050	Other equipment						8,141.42
30	Total equipment		6,000.00		3,100.00		20,058.83
	Unobligated balance				218,000.00		117,241.80
	Reserve				12,000.00		72,858.20
	Total		275,000.00		230,000.00		190,100.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
United States Industrial Reformatory, Chillicothe, Ohio— United States Industrial Reformatory, Chillicothe, Ohio: For the United States Industrial Reformatory at Chillicothe, Ohio, including not to exceed [$110,000] *$132,500* for salaries and wages of all officers and employees[, and including not to exceed $2,000 for the purchase of a motor-propelled passenger-carrying vehicle] (*U. S. C., p. 520, sec. 832; act Feb. 24, 1927, vol. 44, p. 1198*)	$372,500.00	$360,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
Salary range, $5,200 to $6,000; average, $5,600—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Superintendent	1	$5,600	1	$5,600	1	$5,233
Salary range, $3,000 to $3,600; average, $3,300—						
Assistant superintendent	1	3,000	1	3,000		
Salary range, $2,400 to $3,000; average, $2,700—						
Chief clerk	1	2,400	1	2,400		
Salary range, $2,100 to $2,700; average, $2,400—						
Laundry foreman	1	2,600	1	2,600		
Disbursing clerk	1	2,200	1	2,200		
Record clerk	1	2,100	1	2,100		
Salary range, $1,860 to $2,400; average, $2,100—						
Farm manager	1	2,200	1	2,200	0.8	2,035
Parole officer	1	2,200	1	2,200	0.4	2,180
Captain of watch	1	2,100	1	2,100	0.9	2,042
Chaplain	1	1,920	1	1,920	0.2	2,400
Lieutenant of watch	4	1,920	4	1,920	0.4	1,800
Storekeeper	1	1,920	1	1,920	0.5	2,080
Physician	1	1,860	1	1,860	0.2	2,330
Chief clerk					0.5	1,860
Salary range, $1,680 to $2,040; average, $1,860—						
Foreman	3	1,920	3	1,920	0.7	1,943
Mail clerk	1	1,680	1	1,680	1	1,680
Engineer	1	1,680	1	1,680		
Secretary to superintendent	1	1,920	1	1,920		
Salary range, $1,500 to $1,860; average, $1,680—						
Guard	40	1,743	25	1,745	16	1,744
Pump man	2	1,590	2	1,590		
Assistant storekeeper	1	1,500	1	1,500	1	1,500
Receiving clerk	1	1,740	1	1,740		
Chief clerk					0.5	1,800
Plumber's helper	1	1,500	1	1,500		
Clerk	2	1,650	2	1,650		
Salary range, $1,320 to $1,680; average, $1,500—						
Foreman	1	1,440	1	1,440		
Stenographer	1	1,440	1	1,440	1	1,440
Clerk					1	1,440
Checker and packer	3	1,320	3	1,320	3	1,320
Salary range, $1,140 to $1,500; average, $1,320—						
Fire patrolman	1	1,440	1	1,440	1	1,440
Warehouseman					0.5	1,320
Laundry helper	1	1,260	1	1,260		
Fireman	2	1,200	2	1,200		
Salary range, $1,020 to $1,260; average, $1,140—						
Fire patrolman					2.3	1,077
Laundry helper	1	1,080	1	1,080		
Laborer					1.4	1,087
Salary range, $900 to $1,140; average, $1,020—						
Forelady	1	960	1	960		
Laborer					0.2	1,120
Salary range, $600 to $780; average, $690—						
Laundress	6	760	6	760		
Total average number of employees	86		71		34.5	
Total salaries and wages, field service		148,300		122,200		60,180
Deduct allowance, value of subsistence, lodging, etc		15,800		12,200		6,262
01 Cash payment, salaries and wages		132,500		110,000		53,918
The difference between 1929 and 1928 is due to increase in force, $22,500.						
Supplies and materials:						
0200 Stationery and office supplies		9,000.00		9,000.00		2,211.00
0205 Cleaning supplies		1,500.00		1,500.00		
0210 Medical and hospital supplies		6,500.00		6,500.00		1,095.08
0230 Fuel		12,000.00		12,000.00		10,928.36
0240 Wearing apparel		28,000.00		28,000.00		5,651.30
0250 Forage and other supplies		8,000.00		8,000.00		1,747.36
0260 Provisions		90,000.00		75,000.00		29,724.07
0280 Sundry supplies		6,000.00		6,000.00		5,850.83
0290 Miscellaneous materials		2,000.00		2,000.00		1,991.06
02 Total supplies and materials		163,000.00		148,000.00		59,199.06
Communication service:						
0500 Telegraph		500.00		500.00		19.28
0510 Telephone		200.00		200.00		94.65
0520 Other communications		1,000.00		1,000.00		133.00
05 Total communication service		1,700.00		1,700.00		246.93
06 Travel expenses		40,000.00		40,000.00		3,282.52
07 Transportation of things		1,000.00		1,000.00		735.61

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

United States Industrial Reformatory, Chillicothe, Ohio—Continued

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Light, water, etc.:			
1030	Electricity	$3,000.00	$3,000.00	
1040	Water	1,000.00	1,000.00	
10	Total light, water, etc	4,000.00	4,000.00	$5,288.75
12	Repairs and alterations	2,300.00	2,300.00	11,682.16
13	Special and miscellaneous expenses	5,000.00	5,000.00	2,434.57
22	Gratuities	10,000.00	10,000.00	1,430.00
	Equipment:			
3010	Furniture, etc	4,000.00	4,000.00	4,747.44
3020	Educational equipment	1,000.00	1,000.00	11,798.22
3040	Livestock	4,000.00	4,000.00	16,845.00
3050	Other equipment	1,000.00	1,000.00	7,879.71
30	Total equipment	10,000.00	10,000.00	41,270.37
32	Structures	3,000.00	3,000.00	6,811.64
			335,000.00	186,299.61
	Unobligated balance			163,700.39
	Reserve		25,000.00	
	Total	372,500.00	360,000.00	350,000.00

National Training School for Boys, Washington, D. C.—

National Training School for Boys, Washington, District of Columbia: For the National Training School for Boys, Washington, District of Columbia, including not to exceed [$75,000] *$82,000* for salaries and wages of all officers and employees (*U. S. C., pp. 616–618, secs. 131–152; act Feb. 24, 1927, vol. 44, p. 1198*) — $192,710.00 — $165,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $3,000 to $3,600; average, $3,300—						
Superintendent	1	$3,400	1	$3,400	1	$3,400
Salary range, $2,100 to $2,700; average, $2,400—						
Assistant superintendent	1	2,560	1	2,560	1	2,500
Chief clerk, secretary, and treasurer	1	2,600	1	2,600	1	2,600
Salary range, $1,680 to $2,040; average, $1,860—						
Teacher	1	1,980	1	1,980	1	1,860
Parole officer	1	1,740	1	1,740	1	1,680
Plumber	1	1,740	1	1,740	1	1,680
Nurse	1	1,680	1	1,680	1	1,680
Salary range, $1,320 to $1,680; average, $1,500—						
Engineer	1	1,320	1	1,320	1	1,260
Clerk	1	1,560	1	1,560	1	1,500
Carpenter	1	1,560	1	1,560	1	1,500
Blacksmith	1	1,560	1	1,560	1	1,500
Farmer	1	1,560	1	1,560	1	1,500
Baker	1	1,560	1	1,560	1	1,380
Salary range, $1,140 to $1,500; average, $1,320—						
Helper	1	1,440	1	1,440	1.6	1,348
Teacher	18	1,440	15	1,440	11.8	1,376
Shoemaker	1	1,440	1	1,440	1	1,380
Physical director	1	1,440	1	1,440	1	1,380
Tailor	1	1,440	1	1,440	1	1,380
Matron	1	1,380	1	1,380	1	1,380
Storekeeper and steward	1	1,440	1	1,440	1	1,380
Cook	1	1,260	1	1,260	1	1,260
Nurse	1	1,320	1	1,320	1	1,260
Assistant teacher	8	1,320	7	1,320	4.4	1,260
Skilled helper	1	1,320	1	1,320	0.3	1,337
Laundress and organist	1	1,380	1	1,380	1	1,320
Assistant engineer	1	1,260	1	1,260	1	1,200
Assistant clerk	1	1,260	1	1,260	1	1,200
Dairyman	1	1,260	1	1,260	1	1,200
Salary range, $1,020 to $1,260; average, $1,140—						
Helper					1.2	1,108
Watchman	11	1,140	10	1,140	7.4	1,140
Assistant farmer	1	1,140	1	1,140	1	1,140

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

National Training School for Boys, Washington, D. C.—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Field service—Continued.			
	Salaries and wages—Continued.	*Average—*	*Average—*	*Average—*
		No. *Salary*	*No.* *Salary*	*No.* *Salary*
	Salary range, $900 to $1,140; average, $1,020—			
	Assistant cook	1 $1,080	1 $1,080	1 $960
	Attendant officers' dining room	1 960	1 960	1 960
	Attendant boys' dining room	1 960	1 960	1 960
	Salary range, $780 to $1,020; average, $900—			
	Seamstress	1 840	1 840	1 840
	Helper	2 840	2 840	2.6 840
	Matron	9 840	8 840	6.4 842
	Housemaid	1 840	1 840	1 840
	Total average number of employees	80	74	65.7
	Total salaries and wages, field service	106,540.00	98,920.00	85,696.47
	Deduct allowances for subsistence, lodging, etc.	28,640.00	26,480.00	23,492.00
	Cash payment, salaries and wages	77,900.00	72,440.00	62,204.47
	Medical, surgical, dental, optical, X ray, veterinarian, etc., fees	4,100.00	2,560.00	3,300.50
	The difference between 1929 and 1928 is due to—			
	Increase in force $5,460			
	Increase in salaries 1,540			
	Total increase 7,000			
01	Total personal services	82,000.00	75,000.00	65,504.97
	Supplies and materials:			
0200	Stationery and office supplies	1,300.00	1,300.00	1,184.58
0210	Medical and hospital supplies	1,600.00	1,600.00	979.54
0220	Scientific and educational supplies	1,000.00	500.00	673.46
0230	Fuel	12,900.00	11,400.00	10,444.41
0240	Wearing apparel and sewing supplies	14,350.00	12,850.00	10,813.07
0250	Forage and other supplies for animals	6,700.00	6,700.00	5,613.43
0260	Provisions	42,000.00	32,000.00	33,087.55
0280	Sundry supplies	6,250.00	5,750.00	3,703.83
0290	Materials	3,200.00	1,600.00	2,141.00
02	Total supplies and materials	89,300.00	73,700.00	68,640.87
03	Subsistence and support of persons (service)	25.00	25.00	38.30
04	Subsistence and care of animals	15.00	15.00	
	Communication service:			
0500	Telegraph service	24.00	24.00	19.45
0510	Telephone service	225.00	225.00	184.56
0520	Other communication service (post-office box rent)	16.00	16.00	16.00
05	Total communication service	265.00	265.00	220.01
	Travel expenses:			
0601	Transportation	1,140.00	630.00	787.77
0640	Subsistence	70.00	70.00	55.60
06	Total travel expenses	1,210.00	700.00	843.37
07	Transportation of things (service)	200.00	220.00	104.21
08	Photographing and photographs and prints	20.00		
10	Furnishing of heat, light, and power	4,000.00	4,000.00	3,521.74
11	Rents			3.00
12	Repairs and alterations	3,700.00	3,700.00	473.08
13	Special and miscellaneous current expenses	525.00	525.00	707.74
	Grants, subsidies, and contributions:			
2230	Gratuities, including transportation	5,300.00	700.00	708.00
2250	Burial expenses			50.00
22	Total grants, subsidies, and contributions	5,300.00	700.00	758.00
	Equipment:			
3010	Furniture, furnishings, and fixtures	4,000.00	4,000.00	3,260.74
3020	Educational, scientific, and recreational supplies	300.00	300.00	158.51
3040	Livestock, etc.			
3050	Other equipment	1,850.00	1,850.00	363.83
30	Total equipment	6,150.00	6,150.00	3,783.08
				144,598.37
	Deduct obligations in excess of appropriation			1,805.37
	Total	192,710.00	165,000.00	142,793.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
National Training School for Boys, Washington, D. C., Buildings—		
[For the erection of a family building, to be of brick construction, to house forty boys, to be immediately available] (*act Feb. 24, 1927, vol. 44, p. 1198*)		$75,000.00
For the erection and furnishing of a family building, to be of brick construction, to house forty boys (submitted)	$60,000.00	
3211 Dwelling houses: Expenditures—1929, $60,000; 1928, $46,500; 1927, $9,500.		
Probation System, United States Courts—		
Probation System, United States Courts: For salaries and actual expenses of probation officers, as provided by section 3 of the act entitled "An act to provide for the establishment of a probation system in the United States courts, except in the District of Columbia," approved Mar. 4, 1925 (*U. S. C., p. 516, sec. 726; act Feb. 24, 1927, vol. 44, p. 1198*)	30,000.00	30,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
Salary range, $2,400 to $3,000; average, $2,700—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Probation officer	10	$2,400	6	$2,400	0.4	$2,400
Total number of employees	10		6		0.4	
01 Total salaries and wages, field service		24,000		14,400		1,040
06 Travel expenses		6,000.00		15,600.00		1,442.98
						2,482.98
Unobligated balance						47,517.02
Total		30,000.00		30,000.00		50,000.00

Support of United States Prisoners—

Support of prisoners: For support of United States prisoners, including necessary clothing and medical aid, discharge gratuities provided by law, and transportation to place of conviction or place of bona fide residence in the United States, or such other place within the United States as may be authorized by the Attorney General; *and including rent, repair, alteration, and maintenance of buildings occupied under authority of sections 5537 and 5538 of the Revised Statutes;* support of prisoners becoming insane during imprisonment, and who continue insane after expiration of sentence, who have no friends to whom they can be sent; shipping remains of deceased prisoners to their friends or relatives in the United States, and interment of deceased prisoners whose remains are unclaimed; expenses incurred in identifying and pursuing escaped prisoners and for rewards for their recapture; and not exceeding $2,500 for repairs, betterments, and improvements of United States jails, including sidewalks: *Provided, That hereafter contracts for the subsistence and care of Federal prisoners, within the discretion of the Attorney General, may be made for a period not exceeding three years* (*U. S. C., p. 513, sec. 696; act Feb. 24, 1927, vol. 44, p. 1198*) — 2,350,000.00 — 2,300,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
Salary range, $2,700 to $3,300; average, $3,000—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Jailer	1	$2,800	1	$2,800	1	$2,800
Salary range, $1,500 to $1,860; average, $1,680—						
Physician	1	1,700	1	1,700	1	1,700
Guard	4	1,834	4	1,834	4	1,834
Matron and cook	2	1,813	2	1,813	2	1,813
Salary range, $1,320 to $1,680; average, $1,500—						
Guard	15	1,478	15	1,478	15	1,478
Matron and cook	3	1,480	3	1,480	3	1,480
Salary range, $1,140 to $1,500; average, $1,320—						
Physician	3	1,300	3	1,300	3	1,300
Salary range, $900 to $1,140; average, $1,020—						
Physician	1	960	1	960	1	960
Matron and cook	1	1,140	1	1,140	1	1,140
Salary range, $600 to $780; average, $690—						
Physician	4	630	4	630	4	630
Guard	1	720	1	720	1	720

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Support of United States Prisoners—Continued.					
Field service—Continued.					
Salaries and wages—Continued.	*Average—*	*Average—*	*Average—*		
Salary range, $420 to $600; average, $510—	*No.* *Salary*	*No.* *Salary*	*No.* *Salary*		
Physician	8 $508	8 $508	8 $508		
Salary range, $240 to $420; average, $330—					
Physician	10 346	10 346	10 346		
Salary range less than $240—					
Physician	5 159	5 159	5 159		
Total average number of employees	59	59	59		
Total salaries and wages, field service	59,631	59,631	59,631		
Miscellaneous fees and temporary services	125,000	125,000	125,000		
Temporary guard service	75,000	75,000	59,068		
01 Total personal services	259,631	259,631	243,699		
Supplies and materials:					
0200 Stationery and office supplies	145.00	145.00	92.32		
0210 Medical and hospital supplies	20,025.00	20,025.00	19,068.12		
0230 Fuel	11,000.00	11,000.00	10,898.70		
0240 Wearing apparel	12,150.00	12,150.00	11,625.87		
0260 Provisions	12,350.00	12,350.00	14,270.91		
0280 Sundry supplies	2,725.00	2,725.00	2,473.90		
0290 Materials (not specifically allocated)	75.00	75.00	39.65		
02 Total supplies and materials	58,470.00	58,470.00	58,469.47		
03 Subsistence and support of persons	1,937,084.00	1,862,084.00	2,034,556.49		
Communication service:					
0500 Telegraph	20.00	20.00			
0510 Telephone	500.00	500.00	497.25		
0520 Other communication service	5.00	5.00			
05 Total communication service	525.00	525.00	497.25		
06 Travel expenses	35,500.00	35,500.00	3,447.10		
07 Transportation of things	700.00	700.00	532.57		
08 Photographic job work	50.00	50.00	2.50		
10 Heat, light, power, etc	7,500.00	7,500.00	6,654.84		
11 Rent of buildings	8,715.00	8,715.00	6,804.58		
12 Repairs and alterations	125.00	125.00	145.80		
13 Special and miscellaneous current expenses	3,500.00	3,500.00	3,217.21		
Grants, subsidies, and contributions:					
2230 Gratuities	35,000.00	35,000.00	35,341.43		
2250 Burial expenses	1,500.00	1,500.00	952.02		
22 Total grants, subsidies, and contributions	36,500.00	36,500.00	36,293.45		
Equipment:					
3010 Furniture, furnishings, and fixtures	1,100.00	1,100.00	613.40		
3050 Other equipment	600.00	600.00	31.59		
30 Total equipment	1,700.00	1,700.00	644.99		
		2,275,000.00	2,394,965.07		
Deduct obligations in excess of appropriation			420,965.07		
Reserve		25,000.00			
Total	2,350,000.00	2,300,000.00	1,974,000.00		
Inspection of Prisons and Prisoners—					
Inspection of prisons and prisoners: For the inspection of United States prisons and prisoners, including traveling expenses of the superintendent of prisons, assistant superintendents of prisons, and clerk to the superintendent of prisons when traveling on official business of any character, to be expended under the direction of the Attorney General (*act Feb. 24, 1927, vol. 44, p. 1198*)				$13,000.00	$12,000.00
06 Travel expenses: Expenditures—1929, $13,000; 1928, $12,000; 1927, $9,793.74.					
Total, penal institutions				5,545,310.00	5,291,740.00
Total, United States courts, including penal institutions				19,729,310.00	19,406,740.00
Total under Department of Justice				26,784,630.00	26,400,889.50

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
CHAPTER VII.—DEPARTMENT OF LABOR		
OFFICE OF THE SECRETARY		
Salaries, Office of Secretary of Labor—		
Salaries: Secretary of Labor, $15,000; Assistant Secretary, Second Assistant Secretary, and other personal services in the District of Columbia, in accordance with the classification act of 1923, [$171,000] *$177,000*; in all, [$186,000] *$192,000: Provided*, That in expending appropriations or portions of appropriations contained in this act, for the payment for personal services in the District of Columbia in accordance with the classification act of 1923, the average of the salaries of the total number of persons under any grade in any bureau, office, or other appropriation unit shall not at any time exceed the average of the compensation rates specified for the grade by such act, and in grades in which only one position is allocated the salary of such position shall not exceed the average of the compensation rates for the grade except that in unusually meritorious cases of one position in a grade advances may be made to rates higher than the average of the compensation rates of the grade but not more often than once in any fiscal year and then only to the next higher rate: *Provided*, That this restriction shall not apply (1) to grades 1, 2, 3, and 4 of the clerical-mechanical service, or (2) to require the reduction in salary of any person whose compensation was fixed as of July 1, 1924, in accordance with the rules of section 6 of such act, (3) to require the reduction in salary of any person who is transferred from one position to another position in the same or different grade in the same or a different bureau, office, or other appropriation unit, or (4) to prevent the payment of a salary under any grade at a rate higher than the maximum rate of the grade when such higher rate is permitted by the classification act of 1923, and is specifically authorized by other law (*U. S. C., p. 61, secs. 611–622; act Feb. 24, 1927, vol. 44, p. 1221*)	$192,000.00	$186,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 4, $3,800 to $5,000; average, $4,400—						
Librarian	1	$3,800				
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate librarian			1	$3,000	1	$3,000
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant librarian	1	2,500	1	2,500	1	2,500
Grade 1, $1,860 to $2,400; average, $2,111.42—						
Junior librarian	2	1,930	2	1,930	2	1,897
Subprofessional service—						
Grade 5, $1,680 to $2,040; average, $1,860—						
Library assistant	2	1,710	2	1,710	2	1,710
Grade 4, $1,500 to $1,860; average, $1,680—						
Junior library assistant	1	1,620	1	1,620	1	1,580
Grade 2, $1,140 to $1,500; average, $1,320—						
Minor library assistant	2	1,200	2	1,200	1.6	1,190
Grade 1, $900 to $1,260; average, $1,080—						
Library aid					0.1	960
Clerical, administrative, and fiscal service—						
Grade 14, $7,500 and over—						
Secretary	1	15,000	1	15,000	1	15,000
Special executive officer (Assistant Secretary)	2	7,500	2	7,500	2	7,500
Grade 12, $5,200 to $6,000; average, $5,600—						
Senior administrative officer (chief clerk)	1	5,200	1	5,200	0.5	5,200
Grade 11, $3,800 to $5,000; average, $4,400—						
Administrative officer (assistant to the Secretary)	2	4,400	0.8	4,400	1.1	4,309
Grade 9, $3,000 to $3,600; average, $3,300—						
Senior administrative assistant	5	3,040	5	3,040	5	3,040
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant	3	2,600	3	2,600	2.9	2,582
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	3	2,300	3	2,300	3.6	2,365
Principal clerk-stenographer	2	2,400	2	2,400	2	2,400
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	3	2,100	3	2,100	3.3	2,100
Senior transportation-rate and traffic clerk	1	2,000	1	2,000	1	2,000
Senior clerk-stenographer	1	2,000	1	2,000	1	2,000
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	4	1,815	4	1,815	4.5	1,794
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	11	1,669	11	1,669	10.6	1,668
Senior stenographer	1	1,620	1	1,620	1	1,580
Assistant clerk-stenographer	4	1,710	4	1,710	3.2	1,685
Senior operator	1	1,620	1	1,620	0.6	1,580

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927		Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
***Salaries, Office of Secretary of Labor*—Continued.**								
Departmental service—Continued.								
Salaries—Continued.								
Clerical, administrative, and fiscal service—Con.	*Average—*		*Average—*		*Average—*			
Grade 2, $1,320 to $1,680; average, $1,500—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*		
Junior clerk	6	$1,530	6	$1,530	6.3	$1,523		
Senior typist					0.8	1,432		
Junior stenographer	1	1,500	1	1,500	1.8	1,452		
Junior clerk-typist	3	1,440	3	1,440	3.1	1,396		
Junior clerk-stenographer	2	1,410	2	1,410	2	1,348		
Junior operator	1	1,380	1	1,380	1	1,355		
Grade 1, $1,140 to $1,500; average, $1,320—								
Underclerk	4	1,305	4	1,305	4.5	1,300		
Underclerk-typist	2	1,230	2	1,230	2	1,246		
Underoperator, office devices	4	1,275	4	1,275	4	1,241		
Junior typist	1	1,200	1	1,200	0.6	1,140		
Custodial service—								
Grade 6, $1,500 to $1,860; average, $1,680—								
Mechanic	1	1,560	1	1,560	1	1,560		
Grade 4, $1,140 to $1,500; average, $1,320—								
Undermechanic	1	1,500	1	1,500	0.8	1,500		
Grade 3, $1,020 to $1,260; average, $1,140—								
Minor mechanic	4	1,140	4	1,140	4	1,140		
Messenger	3	1,160	3	1,160	3	1,160		
Senior laborer	1	1,080	1	1,080	1	1,080		
Grade 2, $900 to $1,140; average, $1,020—								
Assistant messenger	3	900	3	900	2.3	908		
Junior laborer	1	1,080	1	1,080	1	1,055		
Grade 1, $600 to $780; average, $690—								
Junior messenger	1	600	1	600	1.9	617		
Total average number of employees	93		91.8		93.1			
01 Total salaries, departmental service		192,000.00		186,000.00		186,103.88		
Unobligated balance						796.12		
Total		192,000.00		186,000.00		186,900.00		
The difference between 1929 and 1928 is due to—								
Increase in force	$5,200							
Increase in salaries	800							
Total increase	6,000							
***Salaries and Expenses, Commissioners of Conciliation*—**								
Commissioners of conciliation: To enable the Secretary of Labor to exercise the authority vested in him by section 8 of the act creating the Department of Labor, and to appoint commissioners of conciliation, traveling expenses, and not to exceed $14,140 for personal services in the District of Columbia, and telegraph and telephone service (*U. S. C., p. 62, see. 619; act Feb. 24, 1927, vol. 44, p. 1221*)							$210,000.00	$210,000.00
Departmental service:								
Salaries—								
Clerical, administrative, and fiscal service—	*Average—*		*Average—*		*Average—*			
Grade 12, $5,200 to $6,000; average, $5,600—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*		
Senior administrative officer (director)	1	$6,000	1	$6,000	1	$5,860		
Grade 8, $2,700 to $3,300; average, $3,000—								
Administrative assistant (executive clerk)	1	3,000	1	3,000	1	3,000		
Grade 5, $1,860 to $2,400; average, $2,100—								
Senior clerk	1	2,100	1	2,100	1	2,100		
Grade 4, $1,680 to $2,040; average, $1,860—								
Clerk-stenographer	1	1,920	1	1,920	0.4	1,920		
Grade 3, $1,500 to $1,860; average, $1,680—								
Stenographer					0.6	1,860		
For temporary employees		1,120		1,120				
Total average number of employees	4		4		4			
Total salaries, departmental service		14,140		14,140		12,784		
Field service:								
Salaries and wages—								
Salary range, $3,800 to $5,000; average, $4,400—								
Commissioner of conciliation	19	4,129	19	4,129	19	4,129		
Salary range, $3,300 to $3,900; average, $3,600—								
Commissioner of conciliation	16	3,612	16	3,612	14	3,607		
Salary range, $2,700 to $3,300; average, $3,000—								
Commissioner of conciliation	2	2,828	1	2,828	2	2,828		
Salary range, $1,860 to $2,400; average, $2,100—								
Commissioner of conciliation	1	2,007	1	2,007	1	2,007		
Salary range, $1,500 to $1,860; average, $1,680—								
Commissioner of conciliation	1	1,800	1	1,800	1	1,800		
Total average number of employees	39		38		37			
Total salaries and wages, field service		145,725		142,897		138,425		
01 Total personal services		159,865		157,037		151,209		
02 Supplies and materials		100		100		1		
05 Communication service		2,000		2,000		1,795		
06 Travel expenses		47,335		40,163		37,756		
07 Transportation of things		100		100				
08 Stenographic work		500		500		291		
12 Repairs		100		100		21		
				200,000		191,073		
Unobligated balance						42,927		
Reserve				10,000				
Total		210,000		210,000		234,000		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Contingent Expenses, Department of Labor—		
For contingent and miscellaneous expenses of the offices and bureaus of the department, for which appropriations for contingent and miscellaneous expenses are not specifically made, including the purchase of stationery, furniture, and repairs to the same, carpets, matting, oilcloth, file cases, towels, ice, brooms, soap, sponges, laundry, street-car fares not exceeding $200; [traveling expenses incident to examination of estimates of appropriations in the field;] lighting and heating; purchase, exchange, maintenance, and repair of motor cycles and motor trucks; purchase, exchange, maintenance, and repair of a motor-propelled passenger-carrying vehicle, to be used only for official purposes; freight and express charges, newspapers not exceeding [$275] *$400*, for which payment may be made in advance; newspaper clippings not to exceed $1,800, postage to foreign countries, telegraph and telephone service, typewriters, adding machines, and other labor-saving devices; purchase of law books, books of reference, and periodicals not exceeding $3,250; in all, [$43,700] *$39,000*, and in addition thereto such sum as may be necessary, not in excess of $13,500, to facilitate the purchase, through the central purchasing office as provided in the act of June 17, 1910 (Thirty-sixth Statutes at Large, page 531), of certain supplies for the Immigration Service, shall be deducted from the appropriation "Expenses of regulating immigration" made for the fiscal year [1928] *1929* and added to the appropriation "Contingent expenses, Department of Labor," for that year; and the total sum thereof shall be and constitute the appropriation for contingent expenses for the Department of Labor, to be expended through the central purchasing office (Division of Publications and Supplies), Department of Labor: *Provided*, That expenditures from appropriations contained in this act for the maintenance, upkeep, and repair, exclusive of garage rent, pay of operator, fuel and lubricants, on any one motor-propelled passenger-carrying vehicle used by the Department of Labor shall not exceed one-third of the market price of a new vehicle of the same make or class, and in any case not more than $500 (*act Feb. 24, 1927, vol. 44, pp. 1221–1222*)	$39,000.00	$43,700.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Supplies and materials:			
0200	Stationery and office supplies	$11,720.00	$11,720.00	$11,690.64
0210	Medical and hospital supplies	250.00	250.00	83.45
0220	Scientific and educational supplies (library)	3,617.00	3,617.00	3,055.75
0235	Gasoline and lubricants	750.00	750.00	706.26
0280	Sundry supplies	500.00	500.00	325.36
0290	Materials	1,400.00	1,400.00	1,458.48
02	Total supplies and materials	18,237.00	18,237.00	17,319.94
	Communication service:			
0500	Telegraph service	300.00	300.00	67.36
0510	Telephone service	4,450.00	4,450.00	4,444.39
0521	Stamps	2,000.00	1,500.00	1,408.13
05	Total communication service	6,750.00	6,250.00	5,919.88
	Travel expenses:			
0600	Congressional committee		5,000.00	
0601	Railway expense	100.00	100.00	
0610	Street-car tokens	200.00	200.00	120.00
06	Total travel expenses	300.00	5,300.00	120.00
07	Transportation of things	50.00	50.00	14.01
08	Printing and binding: Prints	15.00	15.00	.20
10	Electricity	130.00	130.00	83.17
	Repairs and alterations:			
1200	Building materials	260.00	260.00	234.98
1280	Repairs to equipment	150.00	150.00	
1290	Special and miscellaneous	10.00	10.00	2.88
12	Total repairs and alterations	420.00	420.00	237.86
	Special and miscellaneous current expenses:			
1371	Press clippings	1,800.00	1,800.00	940.16
1373	Laundry	130.00	130.00	128.02
1374	Disinfectants, roach powder, etc	5.00	5.00	4.36
1376	Clock regulating	18.00	18.00	10.14
13	Total special and miscellaneous current expenses	1,953.00	1,953.00	1,082.68
	Equipment:			
3000	Passenger-carrying equipment	500.00	500.00	3,163.65
3010	Furniture and fixtures	4,000.00	3,500.00	3,431.33
3013	Floor coverings	200.00	200.00	163.50
3017	Office machines and devices	5,300.00	5,000.00	4,930.64
3018	Desk equipment	200.00	200.00	201.76
3019	Sundry items	75.00	75.00	66.73
3022	Scientific equipment (educational, photographic)	25.00	25.00	12.00
3052	Motor vehicles (other than passenger-carrying)	775.00	775.00	274.51
3057	Cleaning equipment	20.00	20.00	8.43
3059	Signaling equipment (sign exhibiting equipment)	50.00	50.00	34.81
30	Total equipment	11,145.00	10,345.00	12,287.36
			42,700.00	37,065.10
	Reserve		1,000.00	
	Unobligated balance			1,634.90
	Total	39,000.00	43,700.00	38,700.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Rent, Department of Labor—		
Rent: For rent of buildings and parts of buildings in the District of Columbia for the use of the Department of Labor (*U. S. C., p. 62, sec. 617; act Feb. 24, 1927, vol. 44, p. 1222*)	$68,000.00	$68,000.00
Rents: Expenditures—1929, $68,000; 1928, $68,000; 1927, $24,000.		
Printing and Binding, Department of Labor—		
Printing and binding: For printing and binding for the Department of Labor, including all its bureaus, offices, institutions, and services located in Washington, District of Columbia, and elsewhere (*U. S. C., p. 1013, sec. 583; act Feb. 24, 1927, vol. 44, p. 1222*)	205,000.00	205,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
0800	Publications and binding	$146,025.00	$146,075.00	[1] $119,566.38 [2] 33,807.58
02011	Printed forms and letterheads	55,725.00	53,675.00	[1] 41,819.97 [2] 1,374.55
02013	Envelopes and file folders	975.00	975.00	[1] 971.58
02014	Tags	25.00	25.00	[1] 12.79
02021	Binders	2,250.00	2,250.00	
			203,000.00	197,552.85
	Unobligated balance			2,447.15
	Reserve		2,000.00	
	Total	205,000.00	205,000.00	200,000.00

[1] Expended [2] Obligated

Total under office of the Secretary of Labor	714,000.00	712,700.00

BUREAU OF LABOR STATISTICS

Salaries, Bureau of Labor Statistics—		
Salaries: For the commissioner and other personal services in the District of Columbia in accordance with the classification act of 1923 (*U. S. C., p. 947, sec. 1; act Feb. 24, 1927, vol. 44, p. 1222*)	220,000.00	220,000.00

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Departmental service:						
	Salaries—						
	Professional and scientific service—	*Average—*		*Average—*		*Average—*	
		No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Grade 6, $6,000 to $7,500; average, $6,750—						
	Chief economic analyst (commissioner)	1	$6,000	1	$6,000	1	$6,000
	Grade 5, $5,200 to $6,000; average, $5,600—						
	Senior economic analyst (assistant commissioner)	1	5,200	1	5,200	1	5,200
	Grade 4, $3,800 to $5,000; average, $4,400—						
	Economic analyst (chief editor)	1	4,400	1	4,400	1	4,400
	Grade 3, $3,000 to $3,600; average, $3,300—						
	Associate economic analyst	4	3,025	4	3,025	4	3,000
	Associate attorney	1	3,000	0.5	3,000	1	2,983
	Grade 2, $2,400 to $3,000; average, $2,700—						
	Assistant economic analyst	6	2,567	5.5	2,582	4.2	2,556
	Assistant medical officer	1	2,500	1	2,500	1	2,496
	Grade 1, $1,860 to $2,400; average, $2,111.42—						
	Junior economic analyst	2	1,960	2	1,960	3	2,039
	Junior attorney					0.1	2,027
	Clerical, administrative, and fiscal service—						
	Grade 7, $2,400 to $3,000; average, $2,700—						
	Junior administrative assistant	4	2,600	4	2,600	4	2,496
	Assistant business specialist			1	2,600	1	2,496
	Grade 6, $2,100 to $2,700; average, $2,400—						
	Principal clerk	5	2,340	5	2,340	3.6	2,425
	Grade 5, $1,860 to $2,400; average, $2,111.42—						
	Senior clerk	26	2,077	26	2,077	26.4	2,044
	Senior clerk-stenographer	1	2,300	1	2,300	1	2,171
	Grade 4, $1,680 to $2,040; average, $1,860—						
	Clerk	14	1,783	14	1,783	12.7	1,774
	Clerk-stenographer	2	1,920	2	1,920	2	1,873
	Grade 3, $1,500 to $1,860; average, $1,680—						
	Assistant clerk	12	1,635	12	1,635	15.4	1,638
	Assistant clerk-stenographer	4	1,650	4	1,650	4.2	1,650
	Assistant translator					0.2	1,708
	Grade 2, $1,320 to $1,680; average, $1,500—						
	Junior clerk	15	1,507	15	1,513	15.3	1,484
	Junior clerk-typist	1	1,320	1	1,320	0.3	1,161
	Junior clerk-stenographer	3	1,420	3	1,420	3.1	1,416
	Grade 1, $1,140 to $1,500; average, $1,320—						
	Underclerk	1	1,320	1	1,320	1	1,320
	Custodial service—						
	Grade 3, $1,020 to $1,260; average, $1,140—						
	Messenger	4	1,140	4	1,140	4	1,138
	Total average number of employees	109		109		110.5	
01	Total salaries, departmental service		220,000.00		220,000.00		219,560.44
	Unobligated balance						439.56
	Total		220,000.00		220,000.00		220,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Miscellaneous Expenses, Bureau of Labor Statistics— Traveling expenses of special agents and employees; experts and temporary assistance for field service outside of the District of Columbia, to be paid at the rate of not exceeding $8 per day; personal services in the District of Columbia not to exceed $29,500, including also temporary statistical clerks, stenographers, and typewriters in the District of Columbia, to be selected from civil-service registers, the same person to be employed for not more than six consecutive months; traveling expenses of officers and employees, purchase of periodicals, documents, price quotations, and reports and materials for reports and bulletins of the Bureau of Labor Statistics: *Provided*, That the Commissioner of Labor is authorized to collect statistical reports through local special agents paid on piece-price basis (*U. S. C., p. 947, sec. 1; act Feb. 24, 1927, vol. 44, p. 1222*)	$80,000.00	$80,000.00
Appropriations herein made for the Bureau of Labor Statistics shall be available for expenses of attendance at meetings concerned with the work of said bureau when incurred on the written authority of the Secretary of Labor.		

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 4, $3,800 to $5,000; average, $4,400—						
Economic analyst (chief statistician)	1	$4,400	1	$4,400	1	$4,400
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant economic analyst	1	2,500	1	2,500	1	2,496
Clerical, administrative and fiscal service—						
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant	1	2,800	1	2,800	1	2,800
Assistant business specialist	2	2,600	2	2,600	1	2,600
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	3	2,007	3	2,007	1.7	2,228
Grade 4, $1,680 to $2,040; average, $1,860—						
Main clerk	1	1,680	1	1,680		
Total average number of employees	9		9		5.7	
Total salaries, departmental service		22,600.00		22,600.00		16,083.01
Temporary employees in District of Columbia		6,900.00		6,900.00		6,353.96
01 Total, personal services		29,500.00		29,500.00		22,436.97
Supplies and materials:						
02 Materials for reports and bulletins		3,000.00		3,000.00		1,179.50
0220 Periodicals, court reporters, etc		250.00		250.00		227.50
02 Total supplies and materials		3,250.00		3,250.00		1,407.00
Communication service						
0500 Telegraph service		435.00		435.00		365.61
0510 Telephone service		65.00		65.00		58.20
05 Total communication service		500.00		500.00		423.81
06 Per diem and travel expenses		46,720.00		46,720.00		48,666.36
08 Clerical assistance, stenographic, etc., in the field		20.00		20.00		
12 Repairs and alterations in the field		10.00		10.00		6.40
						72,940.54
Unobligated balance						1,059.46
Total		80,000.00		80,000.00		74,000.00

Total under Bureau of Labor Statistics	300,000.00	300,000.00

BUREAU OF IMMIGRATION

Salaries, Bureau of Immigration— Salaries: For the Commissioner General and other personal services in the District of Columbia, in accordance with the classification act of 1923 (*U. S. C., pp. 128–156, secs. 101–339; act Feb. 24, 1927, vol. 44, p. 1222*)	91,840.00	91,840.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate attorney (member board of review)	2	$3,000	2	$3,000	2	$3,000
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant attorney (junior member board of review)	1	2,500	1	2,500	1	2,500

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries, Bureau of Immigration—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service—Continued.						
Salaries—Continued.						
Clerical, administrative, and fiscal service—	*Average—*		*Average*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 13, $6,000 to $7,500: average, $6,750—						
Executive officer (chief of bureau)	1	$6,500	1	$6,500	1	$6,500
Grade 12, $5,200 to $6,000; average, $5,600—						
Senior administrative officer (assistant bureau chief)	1	5,200	1	5,200	0.2	5,200
Grade 11, $3,800 to $5,000; average, $4,400—						
Administrative officer (assistant bureau chief)					0.8	3,800
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant (chief of division)	2	2,450	2	2,450	2	2,500
Junior administrative assistant (assistant chief of division)	2	2,500	2	2,500	2	2,500
Grade 5, $1,860 to $2,400; average, $2,130—						
Senior clerk	3	2,130	3	2,106	3	2,106
Senior clerk-stenographer	1	2,130	1	2,100	1	2,100
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	1	1,860	3	1,780	3	1,780
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	11	1,680	11	1,560	9.2	1,592
Senior stenographer	4	1,680	4	1,560	4	1,560
Assistant clerk-stenographer	3	1,680	3	1,640	3	1,640
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	4	1,500	4	1,395	5.6	1,413
Junior stenographer	3	1,500	3	1,380	3.2	1,376
Junior clerk-typist	2	1,500	2	1,320	2	1,341
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	4	1,320	4	1,260	4.6	1,237
Custodial service—						
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger	2	1,200	2	1,200	2	1,200
Total average number of employees	47		49		49.6	
01 Total salaries, departmental service		91,840		91,840		91,717
Unobligated balance						123
Total		91,840		91,840		91,840

Expenses of Regulating Immigration—

Regulating immigration: For enforcement of the laws regulating immigration of aliens into the United States, including the contract labor laws; cost of reports of decisions of the Federal courts, and digests thereof, for the use of the Commissioner General of Immigration; salaries and expenses of all officers, clerks, and employees appointed to enforce said laws, including not to exceed [$150,000] *$167,000* for personal services in the District of Columbia, together with persons authorized by law to be detailed for duty at Washington, District of Columbia; traveling expenses; enforcement of the provisions of the act of February 5, 1917, entitled "An act to regulate the immigration of aliens to and the residence of aliens in the United States," and acts amendatory thereof, and in addition thereto; necessary supplies, including exchange of typewriting machines, alterations and repairs, and for all other expenses authorized by said act; preventing the unlawful entry of aliens into the United States, by the appointment of suitable officers to enforce the laws in relation thereto; expenses of returning to China all Chinese persons found to be unlawfully in the United States, including the cost of imprisonment and actual expenses of conveyance of Chinese persons to the frontier or seaboard for deportation; refunding of head tax, maintenance bills, and immigration fines upon presentation of evidence showing conclusively that collection was made through error of Government officers; all to be expended under the direction of the Secretary of Labor [$6,535,000] *$6,875,000*: *Provided*, That [$1,600,000] *$1,695,000* of this amount shall be available only for coast and land-border patrol: *Provided further*, That the purchase, exchange, use, maintenance, and operation of motor vehicles and allowances for horses, including motor vehicles and horses owned by immigration officers when used on official business required in the enforcement of the immigration and Chinese exclusion laws outside of the District of Columbia may be contracted for and the cost thereof paid from the appropriation for the enforcement of those laws, under such terms and conditions as the Secretary of Labor may prescribe: *Provided further*, That not more than $150,000 of the sum appropriated herein may be expended in the purchase and maintenance of such motor vehicles, and of such sum of $150,000 not more than $125,000 shall be available for the purchase and maintenance of motor vehicles for coast and land-border patrol (*U. S. C., pp. 128–156, secs. 101–339; act Feb. 24, 1927, vol. 44, pp. 1222–1223*) ..... $6,875,000.00 | $6,535,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Expenses of Regulating Immigration—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average—		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Departmental service:						
Salaries—						
Professional and scientific service—						
Grade 4, $3,800 to $5,000; average, $4,400—						
Attorney (chairman board of review)	1	$3,800	1	$3,800	0.7	$4,600
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate attorney (member board of review)	1	3,000	1	3,000	1	3,000
Clerical, administrative, and fiscal service—						
Grade 11, $3,800 to $5,000; average, $4,400—						
Administrative officer (chief supervisor)	1	5,000	1	5,000	1	5,000
Grade 10, $3,300 to $3,900; average, $3,600—						
Junior administrative officer (assistant to bureau chief)	1	3,500	1	3,500	1	3,500
Grade 9, $3,000 to $3,600; average, $3,300—						
Senior administrative assistant (chief of division)	4	3,'25	4	3,225	3	3,300
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant (fine officer)	1	2,500	1	2,500	2	2,500
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk (chief of division)	3	2,400	3	2,200	1	2,400
Principal clerk (assistant to division chief)	2	2,400	2	2,400	2	2,400
Grade 5, $1,860 to $2,400; average, $2,130—						
Senior clerk (chief of division)					2	2,100
Senior clerk-stenographer	1	2,100	1	1,860	1	1,860
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	3	1,860	1	1,680	1	1,680
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	8	1,680	8	1,545	6.7	1,553
Senior stenographer	3	1,680	3	1,540	3.6	1,572
Assistant clerk-stenographer	12	1,680	12	1,530	11.2	1,532
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	12	1,500	12	1,355	12.4	1,365
Junior stenographer	13	1,500	13	1,329	12.8	1,327
Junior clerk-typist	6	1,500	6	1,350	4.8	1,357
Junior clerk-stenographer	4	1,500	4	1,335	3.8	1,351
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	7	1,320	7	1,191	6.3	1,202
Junior typist	9	1,320	9	1,170	12	1,160
Custodial service—						
Grade 4, $1,140 to $1,500; average, $1,320—						
Head messenger	1	1,320				
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger	3	1,140	3	1,060	3	1,060
Total average number of employees	96		93		92.3	
Total salaries, departmental service		167,000		150,000		148,009
The difference between 1929 and 1928 is due to—						
Increase in force	$5,040					
Increase in salaries	11,960					
Total increase	17,000					
Field service:						
Salaries and wages—						
Salary range, $6,000 to $7,500; average, $6,750—						
Commissioner of Immigration	1	6,500	1	6,500	1	6,500
Salary range, $3,800 to $5,000; average, $4,400—						
Commissioner of Immigration	8	4,600	8	4,600	8	4,600
District director of immigration	11	4,273	11	4,273	10.9	4,261
Assistant Commissioner of Immigration	5	4,220	5	4,220	4.4	4,277
Supervisor	3	4,333	3	4,167	3.8	4,237
Salary range, $3,300 to $3,900; average, $3,600—						
District director	5	3,460	5	3,460	4.5	3,456
Superintendent	1	3,500	1	3,500	1	3,500
Inspector in charge	19	3,457	19	3,457	18.4	3,457
Immigrant inspector	4	3,475	4	3,475	3.8	3,490
Salary range, $3,000 to $3,600; average, $3,300—						
Assistant Commissioner of Immigration	4	3,375	4	3,375	.6	3,391
Assistant district director of immigration	10	3,380	10	3,380	10.2	3,363
Plant engineer	1	3,200	1	3,200	1	3,100
Technical adviser	25	3,500	25	3,058	20.8	3,028
Salary range, $2,700 to $3,300; average, $3,000—						
District director	9	3,133	9	3,133	9.6	3,120
Inspector in charge	36	2,927	36	2,927	36.1	2,927
Assistant superintendent	4	3,000	4	3,000	3	3,000
Salary range, $2,400 to $3,000; average, $2,700—						
Assistant district director	2	2,650	2	2,650	1.5	2,650
Inspector in charge	12	2,508	12	2,508	13.9	2,512
Immigrant inspector	188	2,510	188	2,510	180.8	2,508
Chief patrol inspector	30	2,460	30	2,460	27	2,470
Salary range, $2,100 to $2,700; average, $2,400—						
Chief patrol inspector					1.1	2,180
Clerk	14	2,188	14	2,188	15.8	2,193
Pilot	6	2,590	6	2,590	6	2,590
Engineer	10	2,352	10	2,352	9.8	2,352
Salary range, $1,860 to $2,400; average, $2,100—						
Inspector in charge					1	2,150
Immigrant inspector	633	2,008	603	2,013	553.9	2,032
Senior patrol inspector	140	1,921	140	1,921	123.5	1,921
Interpreter	17	1,919	17	1,919	17	1,919
Draftsman	1	2,220	1	2,220	1	2,220

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Expenses of Regulating Immigration—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average—		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Field service—Continued.						
Salaries and wages—Continued.						
Salary range, $1,680 to $2,040; average, $1,860—						
Clerk	70	$1,760	70	$1,760	77.7	$1,756
Patrol inspector	580	1,739	535	1,743	479.1	1,737
Engineer	11	1,918	11	1,918	11.1	1,898
Machinist	1	1,880	1	1,880	1	1,880
Tile setter	1	1,800	1	1,800	1	1,800
Carpenter	6	1,760	6	1,760	6	1,760
Dynamo tender	5	1,760	5	1,760	5	1,760
Plumber	3	1,693	3	1,693	3	1,693
Wireman	3	1,760	3	1,760	3	1,760
Motor mechanic	13	1,788	13	1,788	8.2	1,798
Salary range, $1,500 to $1,860; average, $1,680—						
Clerk	93	1,587	93	1,549	98	1,550
Interpreter	40	1,677	40	1,677	41.3	1,676
Guard	10	1,554	10	1,554	10	1,554
Fireman	29	1,735	29	1,735	28.9	1,735
General mechanic	3	1,620	3	1,620	3	1,620
Painter	2	1,680	2	1,680	1.6	1,640
Salary range, $1,320 to $1,680; average, $1,500—						
Clerk	239	1,485	229	1,425	207.9	1,424
Fireman	5	1,440	5	1,440	4.6	1,440
Deckhand	20	1,632	20	1,632	20.9	1,634
Carpenter's helper	1	1,440	1	1,440	1	1,440
Gardener	2	1,440	2	1,440	2	1,440
Laundryman	3	1,420	3	1,420	3	1,420
Telephone operator	3	1,440	3	1,440	3	1,440
Salary range, $1,140 to $1,500; average, $1,320—						
Clerk	3	1,300	3	1,300	.8	1,260
Interpreter	160	1,399	160	1,399	3.9	1,327
Guard	30	1,430	30	1,430	172.4	1,393
Matron	92	1,215	92	1,215	34.5	1,340
Laborer	8	1,230	8	1,230	90.7	1,217
Janitor					8.2	1,223
Salary range, $1,020 to $1,260; average, $1,140—						
Charwoman	16	1,098	16	1,098	16.5	1,098
Launch engineer	1	1,080	1	1,080	1	1,080
Salary range, $900 to $1,140; average, $1,020—						
Janitor	4	1,035	4	1,035	4	1,035
Charwoman	1	960	1	960	1	960
Telephone operator	1	960	1	960	1	960
Laborer	1	900	1	900	1	900
Salary range, $600 to $780; average, $690—						
Janitor	2	600	2	600	2	600
Salary range, $420 to $600; average, $510—						
Immigrant inspector	2	450	2	450	1.6	469
Laborer					0.5	480
Salary range, $240 to $420; average, $330—						
Immigrant inspector	41	298	41	298	39.1	298
Clerk					0.3	300
Guard					0.2	300
Matron	2	300	2	300	2	300
Janitor	6	270	6	270	6	270
Charwoman	4	285	4	285	3.9	285
Salary range, $50 to $200; average, $125—						
Immigrant inspector	14	128	14	128	13.5	133
Charwoman	1	72	1	72	1	72
Janitor	2	180	2	180	2.6	145
Total average number of employees	2,733		2,648		2,521.4	
Total salaries and wages, field service		5,077,153.00		4,900,000.00		4,655,960.00
Temporary emergency employment, field service		21,560.00		21,980.00		21,174.59
Total salaries and wages, field service		5,098,713.00		4,921,980.00		4,677,134.59
Deduct allowance value of quarters, subsistence, etc., furnished		1,980.00		1,980.00		1,785.00
Cash payment, salaries and wages		5,096,733.00		4,920,000.00		4,675,349.59
The difference between 1929 and 1928 is due to—						
Increase in force	$147,309					
Increase in salaries	29,424					
Total increase	176,733					
01 Total personal services		5,263,733.00		5,070,000.00		4,823,358.59
Supplies and materials:						
0200 Stationery and office supplies		24,000.00		27,000.00		23,696.76
0204 Photographic supplies		800.00		800.00		665.87
0205 Cleaning and toilet supplies		6,000.00		6,000.00		4,419.80
0210 Medical and hospital supplies		1,800.00		1,800.00		1,634.61
0220 Scientific and educational supplies		600.00		600.00		592.67
0230 Coal, wood, and other solids		85,000.00		90,000.00		78,956.87
0233 Petroleum and oils		10,000.00		10,000.00		7,043.37
0236 Fuel for automobiles		60,000.00		60,000.00		50,632.83
0237 Fuel for launches		10,000.00		10,000.00		8,557.74
0240 Wearing apparel and sewing supplies		1,000.00		1,000.00		837.66
0260 Provisions		4,500.00		4,500.00		4,428.40
0282 Mechanic's, engineer's, and electrician's supplies		12,000.00		12,000.00		10,548.94
0284 Miscellaneous supplies		7,500.00		7,500.00		7,215.17
0292 Paints and painters' supplies		1,800.00		1,800.00		1,735.04
02 Total supplies and materials		225,000.00		233,000.00		200,965.73

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Expenses of Regulating Immigration—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
03	Detention and maintenance of aliens	$383,000.00	$345,000.00	$307,635.29
04	Storage and care of motor vehicles	5,000.00	5,000.00	4,665.06
	Communication service:			
0500	Telegraph service	13,500.00	13,500.00	12,198.71
0510	Telephone service	35,000.00	35,000.00	32,088.55
0520	Other communication service	2,500.00	2,500.00	2,431.14
05	Total communication service	51,000.00	51,000.00	46,718.40
	Travel expenses:			
0600	Commercial transportation, rail and water	593,267.00	490,000.00	435,930.37
0630	Per diem in lieu of subsistence	80,000.00	80,000.00	71,987.87
0640	Furnishing food and lodging while in travel status	33,000.00	30,000.00	25,431.40
0670	Charter of vessels (rental and hire)	18,000.00	18,000.00	16,968.37
0690	Travel expenses (miscellaneous)	30,000.00	30,000.00	24,002.15
0691	Passports for aliens	2,500.00	2,500.00	2,083.40
06	Total travel expenses	756,767.00	650,500.00	576,403.54
07	Transportation of things (service)	12,000.00	12,000.00	10,348.02
08	Photographing and prints	9,000.00	9,000.00	8,408.57
09	Advertisement for bids	300.00	300.00	135.33
	Furnishing of light, power, and water:			
1010	Light and power	7,000.00	7,000.00	6,727.44
1040	Water	23,000.00	23,000.00	21,319.02
10	Total light, power, and water	30,000.00	30,000.00	28,046.46
	Rents:			
1100	Rent of buildings	88,000.00	88,000.00	82,420.81
1112	Rent of motor equipment (privately owned automobiles)	10,000.00	10,000.00	14,388.74
1113	Rent of animals (horse maintenance)	10,000.00	10,000.00	5,155.63
1115	Rent of miscellaneous equipment	2,000.00	2,000.00	1,745.32
11	Total rents	110,000.00	110,000.00	103,710.50
	Repairs and alterations:			
1200	Repairs to buildings	3,500.00	3,500.00	2,692.92
1280	Repairs to machinery	3,000.00	3,000.00	1,948.79
1281	Repairs to typewriters	1,500.00	1,500.00	1,118.27
1282	Repairs to automobiles	45,000.00	45,000.00	32,508.45
1283	Repairs to office equipment and special and miscellaneous repairs	4,000.00	4,000.00	3,256.70
1285	Repairs to boats	5,000.00	5,000.00	5,650.79
12	Total repairs and alterations	62,000.00	62,000.00	47,175.92
	Special and miscellaneous expenses:			
1373	Laundry and towel service	4,000.00	4,000.00	3,883.39
1380	Special and miscellaneous expenses	4,000.00	4,000.00	3,281.39
13	Total special and miscellaneous expenses	8,000.00	8,000.00	7,164.78
22	Burial of aliens	200.00	200.00	135.00
	Equipment:			
3000	Passenger-carrying vehicles	75,000.00	65,000.00	68,629.81
3010	Furniture, furnishings, and fixtures	23,000.00	23,000.00	15,498.12
3050	Other equipment	8,000.00	8,000.00	7,035.07
3059	Special and miscellaneous equipment	2,000.00	2,000.00	972.13
30	Total equipment	108,000.00	98,000.00	92,135.13
53	Refunds of head tax	1,000.00	1,000.00	600.00
		7,025,000.00	6,685,000.00	6,257,606.32
	Deduct transfer from appropriation "Pay of personnel and maintenance of hospitals, Public Health Service" for heat, light, water, and telephone service furnished to hospitals on Ellis Island, N. Y.	79,276.00	79,276.00	79,276.16
	Refunds from steamship companies and individuals for expenditures not properly chargeable against the United States	70,724.00	70,724.00	129,723.84
	Less total reimbursements	150,000.00	150,000.00	209,000.00
				6,048,606.32
	Unobligated balance			36,258.68
	Total	6,875,000.00	6,535,000.00	6,084,865.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Immigration Stations—		
For remodeling, repairing (including repairs to the ferryboat Ellis Island), renovating buildings, and purchase of equipment, [$50,000] *$257,000, of which $207,000 shall be immediately available* (*U. S. C., pp. 128–156, secs. 101–339; act Feb. 24, 1927, vol. 44, p. 1223*)	$257,000.00	$50,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
1200	Plumbing, screens, and exterior painting, Islands 2 and 3	$70,000.00		
	Renewing toilets and lavatories, Island No. 3	15,000.00		
	Interior painting and plastering, Island No. 1	9,500.00		
	Painting interior of hospital buildings, Island No. 3	20,000.00		
	Electric wiring and fixtures, Island No. 1	10,000.00		
	Repairs to wards 21 and 22	5,000.00		
1201	Replacement of water main from the Jersey shore	60,000.00		
1202	Steam for sterilizing, Island No. 3	7,500.00		
1203	Pipe coverings, Island No. 1	4,000.00		
1204	Salt water mains	6,000.00		
	Total	207,000.00		
	Supplies and materials:			
0282	Mechanics', engineers', and electrical supplies	1,000.00	$1,000.00	$841.56
0294	Lumber	500.00	500.00	831.36
0296	Paints, varnishes, etc	1,000.00	1,000.00	701.47
02	Total supplies and materials	2,500.00	2,500.00	2,374.39
	Repairs and alterations:			
1200	Repairs to buildings	30,000.00	30,000.00	15,220.25
1240	Repairs to pier			44.48
1280	Repairs to machinery and equipment	1,000.00	1,000.00	871.00
1285	Repairs to ferryboat Ellis Island	15,000.00	15,000.00	30,357.54
12	Total repairs and alterations	46,000.00	46,000.00	46,493.27
	Equipment:			
3010	Furniture, furnishings, and fixtures	1,000.00	1,000.00	721.50
3050	Other equipment	500.00	500.00	347.86
30	Total equipment	1,500.00	1,500.00	1,069.36
	Total	257,000.00	50,000.00	49,937.02

Total under Bureau of Immigration	7,223,840.00	6,676,840.00

BUREAU OF NATURALIZATION

Salaries, Bureau of Naturalization—		
Salaries: For the Commissioner and other personal services in the District of Columbia in accordance with the classification act of 1923 (*U. S. C., p. 157, secs. 351–352; act Feb. 24, 1927, vol. 44, p. 1223*)	98,000.00	98,000.00

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Departmental service:						
	Salaries—						
	Professional and scientific service—	*Average*—		*Average*—		*Average*—	
	Grade 6, $6,000 to $7,000; average, $6,750—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Commissioner	1	$6,000	1	$6,000	1	$6,000
	Grade 5, $5,200 to $6,000; average, $5,600—						
	Deputy commissioner	1	5,600	1	5,600	1	5,200
	Grade 3, $3,000 to $3,600; average, $3,300—						
	Associate attorney	1	3,000	1	3,000		
	Grade 2, $2,400 to $3,000; average, $2,700—						
	Assistant attorney	3	2,400	3	2,400		
	Clerical, administrative, and fiscal service—						
	Grade 6, $2,100 to $2,700; average, $2,400—						
	Principal clerk-stenographer	1	2,100	1	2,100	0.4	2,100
	Grade 5, $1,860 to $2,400; average, $2,111—						
	Senior clerk	1	2,100	1	2,100	5.6	2,057
	Grade 4, $1,680 to $2,040; average, $1,860—						
	Clerk-stenographer	8	1,867	7.8	1,867	7	1,834
	Clerk	3	1,840	3	1,840	3.0	1,844
	Grade 3, $1,500 to $1,860; average, $1,680—						
	Assistant clerk-stenographer	5	1,596	4.8	1,596	3.4	1,601
	Assistant clerk	11	1,697	11	1,699	11.4	1,688
	Grade 2, $1,320 to $1,680; average, $1,500—						
	Junior clerk-stenographer					0.2	1,320
	Junior clerk	9	1,493	8.8	1,493	9.8	1,495
	Junior clerk-typist	2	1,320	2	1,320	2.4	1,320
	Grade 1, $1,140 to $1,500; average, $1,320—						
	Underclerk	3	1,420	3	1,420	3.5	1,381
	Custodial service—						
	Grade 3, $1,020 to $1,260; average, $1,140—						
	Messenger	4	1,140	4	1,140	4.7	1,140
	Grade 1, $600 to $780; average, $690—						
	Junior messenger					1	660
	Total average number of employes	53		52.4		55	
01	Total salaries, departmental service		98,000		97,030		96,655
	Unobligated balance						1,345
	Reserve				970		
	Total		98,000		98,000		98,000

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Miscellaneous Expenses, Bureau of Naturalization—		
General expenses: For compensation, to be fixed by the Secretary of Labor, of officers, clerks, and employees appointed for the purpose of carrying on the work of the Bureau of Naturalization, provided for by the act approved June 29, 1906, as amended by the act approved March 4, 1913 (Statutes at Large, volume 37, page 736), and May 9, 1918 (Statutes at Large, volume 40, pages 542 to 548, inclusive), including not to exceed [$58,940] *$68,940* for personal services in the District of Columbia, *of which amount $10,000 shall be available only for compensation of temporary employees,* in accordance with the classification act of 1923; traveling expenses, *including not to exceed $400 for expenses of attendance at meetings concerned with the naturalization of aliens when incurred on the written authority of the Secretary of Labor;* street-car fare; telegrams; verifications of legal papers; telephone service in offices outside of the District of Columbia; necessary supplies and equipment for the Naturalization Service; not to exceed $25,000 for rent of offices outside of the District of Columbia where suitable quarters can not be obtained in public buildings; carrying into effect section 13 of the act of June 29, 1906 (Thirty-fourth Statutes, page 600), as amended by the act approved June 25, 1910 (Thirty-sixth Statutes, page 765), and in accordance with the provisions of the sundry civil act of June 12, 1917; and for mileage and fees to witnesses subpœnaed on behalf of the United States, the expenditures from this appropriation shall be made in the manner and under such regulations as the Secretary of Labor may prescribe [$656,000] *$680,000*: *Provided*, That no part of this appropriation shall be available for the compensation of assistants to clerks of United States courts (*U. S. C., p. 157, sec. 402; p. 163, sec. 405; act Feb. 24, 1927, vol. 44, p. 1223*)	$680,000.00	$656,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 4, $3,800 to $5,000; average, $4,400—						
Attorney	2	$3,800	2	$3,800	0.5	$3,800
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate attorney	1	3,000	1	3,000		
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant attorney					1	2,630
Clerical, administrative, and fiscal service—						
Grade 9, $3,000 to $3,600; average, $3,300—						
Senior administrative assistant (1 chief clerk, 1 chief of division)	2	3,350	2	3,350	2.5	3,368
Chief clerk					1	3,030
Grade 8, $2,700 to $3,300; average, $3,000—						
Administrative assistant (chief of division)	1	3,300	1	3,300	1	3,300
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant (assistant chief of division)	2	2,500	2	2,500	1	2,500
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	3	2,600	3	2,600	4	2,528
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	4	2,325	4	2,325	4	2,325
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk-stenographer	1	1,740	1	1,740	1.4	1,628
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	3	1,380	3	1,380	4	1,351
Junior clerk-typist	3	1,340	3	1,340		
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk-typist	3	1,140	3	1,140		
Underclerk	2	1,140	2	1,140	1.9	1,141
Custodial service—						
Grade 1, $600 to $780; average, $690—						
Junior messenger	1	630	1	630		
Total average number of employees	28		28		22.3	
Temporary employees		10,000				
Total salaries, departmental service		68,930		58,930		51,043
Field service:						
Salaries and wages—						
Salary range, $3,800 to $5,000; average, $4,400—						
District director	12	3,933	12	3,933	11.4	3,916
Salary range, $3,000 to $3,600; average, $3,300—						
District director	8	3,025	8	3,025	9	3,022
Assistant district director	11	3,083	11	3,083	2	3,450
Head naturalization examiner	1	3,200	1	3,200	1	3,130
Salary range, $2,700 to $3,300; average, $3,000—						
Administrative assistant	1	3,000	1	3,000		
Salary range, $2,400 to $3,000; average, $2,700—						
District director	3	2,800	3	2,800	3	2,800
Assistant district director	1	2,700	1	2,700	9.3	2,986
Head naturalization examiner	3	2,800	3	2,800	3	2,800
Senior naturalization examiner	26	2,554	26	2,554	24.8	2,546
Assistant administrative clerk	2	2,450	2	2,451	3	2,634
Junior administrative assistant	1	2,400	1	2,400		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927		Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Miscellaneous Expenses, Bureau of Naturalization—Continued.								
	Average— *No.*	*Salary*	*Average*— *No.*	*Salary*	*Average*— *No.*	*Salary*		
Field service—Continued.								
Salaries and wages—Continued.								
Salary range, $2,100 to $2,700; average, $2,400—								
Junior naturalization examiner	58	$2,190	54	$2,194	51	$2,194		
Principal clerk					2.6	2,146		
Salary range, $1,860 to $2,400; average, $2,100—								
Senior clerk	2	1,950	2	1,950	2	1,952		
Senior clerk-stenographer	1	1,860	1	1,860	1	1,860		
Salary range, $1,680 to $2,040; averge, $1,860—								
Clerk (main)	1	1,980	1	1,980	1	1,980		
Clerk	1	1,800	1	1,800	1	1,800		
Clerk-stenographer	1	1,860	1	1,860	1.4	1,860		
Salary range, $1,500 to $1,860; average, $1,680—								
Assistant clerk-stenographer	19	1,713	19	1,632	18	1,709		
Assistant clerk	3	1,680	3	1,680	3	1,680		
Assistant stenographer	1	1,560	1	1,560	2	1,560		
Salary range, $1,320 to $1,680; average, $1,500—								
Junior clerk-stenographer	40	1,484	32	1,480	29.8	1,493		
Junior clerk	11	1,527	11	1,527	11.8	1,504		
Junior stenographer	1	1,620	1	1,620	1.3	1,565		
Junior clerk-typist	31	1,475	30	1,480	33	1,467		
Salary range, $1,140 to $1,500; average, $1,320—								
Junior clerk					1	1,200		
Underclerk-typist	3	1,260	3	1,260	1.3	1,385		
Underclerk	4	1,245	4	1,245	2.2	1,230		
Salary range, $900 to $1,140; average, $1,020—								
Underclerk	2	1,020	2	1,020				
Assistant messenger	4	930	4	930	4.4	945		
Total average number of employees	252		239		234.3			
Total salaries and wages, field service		520,302		496,996		488,565		
The difference between 1928 and 1929 is due to—								
Increase in salaries	$2,147							
Increase in force	21,159							
Total increase	23,306							
0111 Total salaries, civil officers and employees		589,232.00		555,926.00		539,608.00		
0132 Witness fees		100.00		100.00		35.00		
0150 Special and miscellaneous (assistant to clerk, State courts)		12,500.00		12,500.00		17,825.00		
01 Total personal services		601,832.00		568,526.00		557,468.00		
Supplies and materials:								
0200 Stationery and office supplies		4,000.00		3,500.00		4,012.00		
0281 Distinctive paper (for certificates of naturalization)		4,000.00		3,880.00		1,213.00		
0284 Miscellaneous supplies		1,000.00		948.00		910.00		
02 Total supplies and materials		9,000.00		8,328.00		6,135.00		
Communication service:								
0500 Telegraph service		300.00		300.00		196.00		
0510 Telephone service		3,635.00		3,500.00		3,618.00		
05 Total communication service		3,935.00		3,800.00		3,814.00		
06 Travel expenses		44,838.00		42,000.00		42,817.00		
07 Transportation of things (service)		600.00		600.00		518.00		
11 Rent		17,270.00		18,270.00		19,870.00		
12 Repairs and alterations		500.00		500.00		434.00		
13 Special and miscellaneous current expenses		500.00		500.00		935.00		
30 Furniture, furnishings, and fixtures		1,525.00		976.00		905.00		
		65,233.00		62,846.00		65,479.00		
				643,500.00		632,896.00		
Reserve				12,500.00				
Unobligated balance						2,104.00		
Total		680,000.00		656,000.00		635,000.00		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Miscellaneous Indefinite Appropriation—		
Naturalization fees, publishing citizenship textbook, Bureau of Naturalization (*U. S. C., p. 160, sec. 387*)	$10,000.00	$25,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
0800	Publishing citizenship textbook	$10,000		
	Unobligated balance			$25,000
	Reserve		$25,000	
	Total	10,000	25,000	25,000

Total, Bureau of Naturalization	788,000.00	779,000.00

CHILDREN'S BUREAU

Salaries, Children's Bureau—		
Salaries: For the chief, and other personal services in the District of Columbia, in accordance with the classification act of 1923 (*U. S. C., p. 1324, secs. 191–193; act Feb. 24, 1927, vol. 44, p. 1223*)	105,000.00	105,000.00

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Departmental service:						
	Salaries—						
	Professional and scientific service—	*Average—*		*Average—*		*Average—*	
	Grade 6, $6,000 to $7,500; average, $6,750—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Chief economic analyst (chief of bureau)	1	$6,000	1	$6,000	1	$6,000
	Grade 3, $3,000 to $3,600; average, $3,300—						
	Associate economic analyst (associate director of division)	2	3,100	2	3,096	1.9	3,000
	Grade 2, $2,400 to $3,000; average, $2,700—						
	Assistant economic analyst (social economist)	4	2,600	4	2,600	3.2	2,544
	Grade 1, $1,860 to $2,400; average, $2,111.42—						
	Junior economic analyst (social economist)	4	1,910	4	1,900	3.9	1,856
	Subprofessional service—						
	Grade 6, $1,860 to $2,400; average, $2,111.42—						
	Senior scientific illustrator	1	1,860	1	1,860	1	1,860
	Grade 5, $1,680 to $2,040; average, $1,860—						
	Social-service worker (field agent)	1	1,740	1	1,740	1	1,680
	Clerical, administrative, and fiscal service—						
	Grade 9, $3,000 to $3,600; average, $3,300—						
	Senior administrative assistant (chief clerk)	1	3,200	1	3,192	1	3,000
	Grade 8, $2,700 to $3,300; average, $3,000—						
	Associate editor (specialist in public information)	1	2,700	1	2,700	0.2	2,700
	Grade 7, $2,400 to $3,000; average, $2,700—						
	Junior administrative assistant (assistant chief clerk)	1	2,500	1	2,500	1	2,400
	Grade 6, $2,100 to $2,700; average, $2,400—						
	Principal clerk (chief of section)	1	2,500	1	2,500	1	2,400
	Principal clerk (editor)	1	2,200	1	2,200	1	2,192
	Principal clerk-stenographer (secretary to chief)	1	2,100	1	2,100	0.9	2,100
	Grade 5, $1,860 to $2,400; average, $2,111.42—						
	Senior clerk	5	1,932	5	1,927	4.9	1,934
	Grade 4, $1,680 to $2,040; average, $1,860—						
	Clerk	4	1,815	4	1,815	4	1,791
	Clerk-stenographer	2	1,770	2	1,770	2	1,725
	Grade 3, $1,500 to $1,860; average, $1,680—						
	Assistant clerk-stenographer	3	1,680	3	1,680	3	1,678
	Assistant clerk	6	1,700	6	1,695	6.3	1,642
	Senior stenographer	2	1,650	2	1,650	1.9	1,603
	Assistant office draftsman	1	1,560	1	1,560	1	1,560
	Grade 2, $1,320 to $1,680; average, $1,500—						
	Junior clerk-stenographer	1	1,560	1	1,560	1	1,555
	Junior clerk-typist	1	1,560	1	1,560	1	1,555
	Junior clerk	1	1,500	1	1,500	1.2	1,470
	Junior stenographer	2.8	1,400	2.9	1,400	4.1	1,418
	Senior typist	2	1,620	2	1,620	3	1,528
	Grade 1, $1,140 to $1,500; average, $1,320—						
	Underclerk	1	1,440	1	1,440	2.1	1,398
	Underclerk-typist					0.1	1,140
	Custodial service—						
	Grade 3, $1,020 to $1,260; average, $1,140—						
	Messenger	2	1,080	1.9	1,080	1.6	1,080
	Grade 2, $900 to $1,140; average, $1,020—						
	Assistant messenger					0.2	900
	Total average number of employees	52.8		52.8		54.5	
01	Total salaries, departmental service		105,000.00		104,900.00		103,606.91
	Unobligated balance						1,393.09
	Reserve				100.00		
	Total		105,000.00		105,000.00		105,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Investigation of Child Welfare, Children's Bureau— To investigate and report upon matters pertaining to the welfare of children and child life, and especially to investigate the questions of infant mortality, including not to exceed $125,000 for personal services in the District of Columbia (*U. S. C., p. 1324, secs. 191–193; act Feb. 24, 1927, vol. 44, p. 1223*)	$135,000.00	$135,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
Grade 5, $5,200 to $6,000; average, $5,600—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Senior economic analyst (assistant to chief)	1	$5,200	1	$5,200	1	$5,200
Grade 4, $3,800 to $5,000; average, $4,400—						
Economic analyst (director of division)	4	4,050	4	4,050	3.7	3,850
Medical officer (director of division)	1	4,000	1	4,000	1	4,000
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate economic analyst (associate director of division)	3	3,000	3	3,000	2	3,000
Associate economic analyst (social economist)	3	3,000	2.6	3,000	0.5	3,000
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant economic analyst (social economist)	11	2,473	11	2,469	12.1	2,459
Grade 1, $1,860 to $2,400; average, $2,111.42—						
Junior economic analyst (social economist)	3	1,907	3	1,907	2.5	1,874
Clerical, administrative, and fiscal service—						
Grade 8, $2,700 to $3,300; average, $3,000—						
Administrative assistant (specialist in public information)					0.7	2,746
Grade 7, $2,400 to $3,000; average, $2,700—						
Assistant investigator (child labor inspector)					0.3	2,400
Assistant editor (expert in public information)					0.7	2,400
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	5	2,016	5	2,006	4	1,962
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	1	1,920	1	1,920	2.6	1,760
Clerk-stenographer	1	1,800	1	1,800	1	1,740
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	9	1,693	9	1,693	9.7	1,663
Assistant clerk-stenographer	3	1,620	3	1,620	3	1,577
Senior stenographer	2	1,500	2	1,500		
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	1	1,560	1	1,560	1	1,560
Junior stenographer	1.2	1,440	1	1,320	2	1,320
Senior typist	1	1,440	1	1,440		
Custodial service—						
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger	1	1,260	1	1,260	1	1,260
Total average number of employees	51.2		50.6		48.8	
Total salaries, departmental service		119,060.00		117,460.00		110,663.60
The difference between 1929 and 1928 is due to—						
Increase in force	$1,450					
Increase in salaries	150					
Total increase	1,600					
Field service:						
Salaries—						
Salary range, $3,000 to $3,600; average, $3,300—						
Associate medical officer	1	3,000	1	3,600	1.1	3,150
Associate social economist	0.5	3,000	0.8	3,000	0.8	3,000
Salary range, $2,400 to $3,000; average, $2,700—						
Assistant social economist	1	2,400	1.5	2,400	1.8	2,443
Junior medical officer	0.3	2,400	0.3	2,400	0.4	2,400
Junior social economist	1	1,860	1	1,860	1.7	1,860
Salary range, $1,500 to $1,860; average, $1,680—						
Junior stenographer					0.2	1,620
Salary range, $1,320 to $1,680; average, $1,500—						
Senior typist					0.3	1,320
Total average number of employees	3.8		4.6		6.3	
Total salaries, field service		9,360.00		11,643.33		15,235.00
The difference between 1929 and 1928 is due to decrease in force, $2,283.33.						
Temporary assistants (part-time employees paid by hour or day)		750.00				749.38
01 Total personal services		129,170.00		129,103.33		126,647.98
Supplies and materials:						
0200 Stationery and office supplies		1,000.00		750.00		645.43
0220 Scientific and educational supplies		75.00		75.00		199.00
0230 Fuel						7.15
0280 Sundry supplies		25.00		25.00		14.79
02 Total supplies and materials		1,100.00		850.00		866.37
Communication service:						
0500 Telegraph service		250.00		250.00		204.26
0510 Telephone service		200.00		200.00		142.41
0520 Other communication service		25.00		16.67		18.28
05 Total communication service		475.00		466.67		364.95

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Investigation of Child Welfare, Children's Bureau—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
07	Transportation of things (service)	$150.00	$150.00	$163.95
08	Photographing and making photographs and prints	50.00	50.00	9.08
10	Furnishing of heat, light, and power	15.00	25.00	37.65
	Rents:			
1100	Rent of buildings and structures	250.00	250.00	275.97
1115	Other rents	1,840.00	1,840.00	1,225.00
11	Total rents	2,090.00	2,090.00	1,500.97
12	Repairs and alterations	25.00	25.00	
13	Special and miscellaneous current expenses	50.00	65.00	69.71
	Equipment:			
3010	Furniture, furnishings, and fixtures	150.00	150.00	163.71
3020	Educational, scientific, and recreational equipment	1,700.00	1,500.00	1,457.14
3050	Other equipment	25.00	25.00	
30	Total equipment	1,875.00	1,675.00	1,620.85
			134,500.00	131,281.51
	Unobligated balance			3,718.49
	Reserve		500.00	
	Total	135,000.00	135,000.00	135,000.00

General Expenses, Children's Bureau—

For traveling expenses of officers, special agents, and other employees of the Children's Bureau; experts and temporary assistants, to be paid at a rate not exceeding $6 a day, and interpreters to be paid at a rate not exceeding $4 a day when actually employed; purchase of reports and material for the publications of the Children's Bureau and for reprints from State, city, and private publications for distribution when said reprints can be procured more cheaply than they can be printed by the Government (*U. S. C., p. 1324, secs. 191–193; act Feb. 24, 1927, vol. 44, p. 1224*) $60,000.00 $60,000.00

Provided, That appropriations herein made for the Children's Bureau shall be available for expenses of attendance at meetings for the promotion of child welfare and for the welfare and hygiene of maternity and infancy when incurred on the written authority of the Secretary.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
01	Experts and temporary assistants	$25,000.00	$24,500.00	$23,026.00
02	Scientific and educational supplies (reports, reprints)	1,500.00	1,500.00	1,223.17
	Travel expenses:			
0615	Transportation	11,000.00	11,000.00	9,419.71
0616	Per diem in lieu of subsistence	22,500.00	22,000.00	17,752.70
06	Total travel expenses	33,500.00	33,000.00	27,172.41
			59,000.00	51,421.58
	Unobligated balance			2,578.42
	Reserve		1,000.00	
	Total	60,000.00	60,000.00	54,000.00

Promotion of the Welfare and Hygiene of Maternity and Infancy, Children's Bureau—

For carrying out the provisions of the act entitled "An act for the promotion of the welfare and hygiene of maternity and infancy, and for other purposes," approved November 23, 1921, as amended, [$1,090,976] *$1,108,000*: *Provided*, That the apportionments to the States, to the Territory of Hawaii, and to the Children's Bureau for administration shall be computed on the basis of not to exceed $1,252,079.96, as authorized by said act of November 23, 1921, as amended (*U. S. C., p. 1322, secs. 161–175; acts Jan. 22, 1927, vol. 44, p. 1024; Feb. 24, 1927, vol. 44, p. 1224*) 1,108,000.00 1,090,976.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

Promotion of the Welfare and Hygiene of Maternity and Infancy, Children's Bureau—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927		Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
	Average— *No.*	*Salary*	*Average—* *No.*	*Salary*	*Average—* *No.*	*Salary*		
Departmental service:								
Salaries—								
Professional and scientific service—								
Grade 4, $3,800 to $5,000; average, $4,400—								
Medical officer (director and specialist in maternal and infant hygiene)	1	$4,800	1	$4,800	1	$4,317		
Grade 3, $3,000 to $3,600; average, $3,300—								
Associate medical officer (associate director and expert in maternal and infant hygiene)	1	3,000	1	3,000	1.5	3,000		
Associate economic analyst (associate in prenatal and child nutrition)					0.3	3,000		
Grade 2, $2,400 to $3,000; average, $2,700—								
Assistant medical officer (expert in maternal and infant hygiene)	1	2,700	1	2,700	1	2,700		
Subprofessional service—								
Grade 8, $2,400 to $3,000; average, $2,700—								
Superintendent of nurses (expert in maternal and infant care)	1	3,000	1	3,000	1	3,000		
Grade 7, $2,100 to $2,700; average, $2,400—								
Chief nurse (expert in maternal and infant care)	1	2,400	1	2,400	0.6	2,400		
Clerical, administrative, and fiscal service—								
Grade 5, $1,860 to $2,400; average, $2,111.42—								
Senior clerk	2	2,100	2	2,100	1.9	2,096		
Grade 4, $1,680 to $2,040; average, $1,860—								
Clerk-stenographer	1	1,740	1	1,740	0.8	1,735		
Grade 3, $1,500 to $1,860; average, $1,680—								
Assistant clerk	1	1,680	1	1,680	1.3	1,680		
Grade 2, $1,320 to $1,680; average, $1,500—								
Junior stenographer	1	1,440	1	1,440	0.4	1,360		
Grade 1, $1,140 to $1,500; average, $1,320—								
Underclerk	1	1,320	1	1,320	1	1,260		
Total average number of employees	11		11		10.8			
Total salaries, departmental service		26,280.00		26,280.00		24,009.31		
Field service:								
Salaries—								
Salary range, $3,800 to $5,000; average, $4,400—								
Medical officer	0.2	3,800	0.2	3,800	0.4	3,800		
Salary range, $2,400 to $3,000; average, $2,700—								
Associate medical officer	1	2,400	1	2,400	0.8	2,400		
Total number average of employees	1.2		1.2		1.2			
Total salaries, field service		3,033.32		3,033.32		3,366.02		
0150 Special and miscellaneous (emergency clerical and stenographic service)		25.00		25.00		13.75		
01 Total personal services		29,338.32		29,338.32		29,389.08		
Supplies and materials:								
0200 Stationery and office supplies		1,375.00		1,375.00		1,374.76		
0220 Scientific and educational supplies		100.00		100.00		101.60		
02 Total supplies and materials		1,475.00		1,475.00		1,476.36		
Communication service:								
0500 Telegraph service		80.00		80.00		48.83		
0510 Telephone service		30.00		30.00		29.23		
05 Total communication service		110.00		110.00		78.06		
Travel expense:								
0615 Transportation		9,400.00		9,400.00		9,395.82		
0616 Per diem in lieu of subsistence		7,500.00		7,500.00		7,537.70		
06 Total travel expenses		16,900.00		16,900.00		16,933.52		
07 Transportation of things (service)		25.00		25.00		7.84		
08 Stenographic work		275.00		275.00		273.80		
13 Special and miscellaneous current expenses		5.00		5.00				
22 Grants to States		1,057,646.00		1,040,622.00		[1] 904,824.71		
Equipment:								
3010 Furniture, furnishings, and fixtures		250.00		250.00		261.19		
3020 Educational, scientific, and recreational equipment		1,975.68		1,975.68		2,203.06		
30 Total equipment		2,225.68		2,225.68		2,464.25		
Total		1,108,000.00		1,090,976.00		[1] 955,447.62		

[1] Balance appropriation for States available for payment to and expenditures in States until close of June 30, 1928.

[2] Expended for administration for 1927 ..... $50,622.91
Appropriated annually for administration of act 50,354.00

Overexpenditures paid from balances, previous years 268.91

Total under Children's Bureau	$1,408,000.00	$1,390,976.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
WOMEN'S BUREAU		
Salaries and Expenses, Women's Bureau—		
For carrying out the provisions of the act entitled "An act to establish in the Department of Labor a bureau to be known as the Women's Bureau," approved June 5, 1920, including personal services in the District of Columbia, not to exceed $92,170; purchase of material for reports and educational exhibits, and traveling expenses, [$100,000] *$102,000*, which sum shall be available for expenses of attendance at meetings concerned with the work of said bureau when incurred on the written authority of the Secretary of Labor (*U. S. C., p. 947, secs. 11–16; act Feb. 24, 1927, vol. 44, p. 1224*)	$102,000.00	$100,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 5, $5,200 to $6,000; average, $5,600—						
Senior economic analyst (director)	1	$5,400	1	$5,400	1	$5,400
Grade 4, $3,800 to $5,000; average, $4,400—						
Economic analyst (assistant director)	1	4,200	1	4,200	1	4,200
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate economic analyst	4	3,050	4	3,050	3.9	3,067
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant economic analyst	4	2,525	4	2,525	3.8	2,540
Grade 1, $1,860 to $2,400; average, $2,111.42—						
Junior economic analyst	6	1,890	5	1,896	4.8	1,903
Clerical, administrative, and fiscal service—						
Grade 8, $2,700 to $3,300; average, $3,000—						
Associate editor	1	2,700	1	2,700		
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant (chief clerk)	1	2,400	1	2,400	0.9	2,600
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk-stenographer	1	1,860	1	1,860	0.7	2,200
Senior clerk	2	2,000	2	2,000	2	2,000
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	7	1,783	7	1,783	6.3	1,793
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	4	1,605	4	1,605	5.4	1,612
Head typist	1	1,680	1	1,680	1	1,680
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	9	1,480	9	1,480	9.1	1,484
Junior clerk-typist	1	1,500	1	1,500	0.3	1,500
Junior clerk-stenographer	1	1,320	1	1,320	0.3	1,320
Custodial service—						
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger	1.2	1,020	1.2	1,020	1.2	1,080
Grade 1, $600 to $780; average, $690—						
Junior messenger					0.2	600
Total average number of employees	45.2		44.2		41.9	
Total salaries, departmental service		92,145.00		90,285.00		85,960.56
Special and miscellaneous payments and personal service		25		25		
01 Total personal services		92,170.00		90,310.00		85,960.56
02 Supplies and materials						214.99
Communication service:						
0500 Telegraph service		125.00		125.00		106.53
0510 Telephone service		50.00		50.00		35.70
05 Total communication service		175.00		175.00		142.23
Travel expenses:						
0615 Transportation		2,500.00		2,360.00		2,233.63
0616 Subsistence		6,385.00		4,385.00		6,197.10
06 Total travel expenses		8,885.00		6,745.00		8,430.73
07 Transportation of things (service)		50.00		50.00		30.14
08 Publication material and photographing						2,575.37
11 Rents (tabulating machinery)		720.00		720.00		600.00
30 Educational, scientific, and recreational equipment						906.90
				98,000.00		98,860.92
Unobligated balance						1,139.08
Reserve				2,000.00		
Total		102,000.00		100,000.00		100,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
EMPLOYMENT SERVICE		
Employment Service, Department of Labor—		
To enable the Secretary of Labor to foster, promote, and develop the welfare of the wage earners of the United States, including juniors legally employed, to improve their working conditions, to advance their opportunities for profitable employment by regularly collecting, furnishing, and publishing employment information as to opportunities for employment; maintaining a system for clearing labor between the several States; cooperating with and coordinating the public employment offices throughout the country, including personal services in the District of Columbia and elsewhere; traveling expenses; supplies and equipment, telegraph and telephone service, and miscellaneous expenses, $200,000, of which amount not to exceed [$26,040] *$25,720* may be expended for personal services in the District of Columbia (*acts Oct. 6, 1917, vol. 40, p. 376; July 19, 1919, vol. 41, p. 225; Feb. 24, 1927, vol. 44, p. 1224*)	$200,000.00	$200,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Clerical, administrative, and fiscal service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 12, $5,200 to $6,000; average, $5,600—						
Senior administrative officer (director general)	1	$5,200	1	$5,200	1	$5,200
Grade 11, $3,800 to $5,000; average, $4,400—						
Administrative officer (assistant director general)	1	4,600	1	4,600	1	4,600
Grade 9, $3,000 to $3,600; average, $3,300—						
Senior administrative assistant (director of division)	1	3,000	1	3,000	1	3,000
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant (chief clerk)	1	3,000	1	2,900	1	2,900
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk (secretary to director general)	1	2,000	1	2,000	1	2,000
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk-stenographer	1	1,680	1	1,680	1	1,700
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	3	1,680	3	1,680	2.9	1,680
Custodial service—						
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger	1	1,200	1	1,200	0.9	1,200
Total average number of employees	10		10		9.8	
Total salaries, departmental service		25,720.00		25,620.00		25,355.33
The difference between 1929 and 1928 is due to increase in salary, $100.						
Field service:						
Salaries and wages—						
Salary range, $3,800 to $5,000; average, $4,400—						
Director of division	1	4,000	1	4,000	1	4,000
Salary range, $3,000 to $3,600; average, $3,300—						
District director	6	3,500	6	3,500	6	3,500
Salary range, $2,100 to $2,700; average, $2,400—						
Assistant director of division	3	2,533	3	2,533	3	2,533
Salary range, $1,860 to $2,400; average, $2,100—						
Superintendent	1	2,100	1	2,100	1	2,100
Senior secretary	1	2,100	1	2,100	1	2,100
Principal clerk	1	2,100	1	2,100	1	2,100
Salary range, $1,680 to $2,040; average, $1,860—						
Superintendent	3	1,800	3	1,800	3	1,800
Main secretary	2	1,920	2	1,920	2	1,920
Salary range, $1,320 to $1,680; average, $1,500—						
Junior clerk	2	1,500	2	1,500	1.4	1,500
Junior stenographer	1	1,320	1	1,320	1	1,320
Salary range, $1,140 to $1,500; average, $1,320—						
Superintendent	2	1,200	2	1,200	1.8	1,200
Underclerk	4	1,185	4	1,185	4	1,140
Salary range, $600 to $780; average, $690—						
Superintendent	1	720	1	720	1	720
Clerk	1	780	1	780	1	780
Salary range, $240 to $420; average, $330—						
Janitor	1	360	1	360	1	360
Total average number of employees	30		30		29.2	
Total salaries		61,460.00		61,460.00		60,059.54
Temporary special agent at $5 per diem when actually employed (during harvest season)	46	18,500.00	46	18,500.00	44	17,121.67

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Employment Service, Department of Labor—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
STATE AND MUNICIPAL COOPERATION						
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $2,100 to $2,700; average, $2,400—						
Superintendent	2	$2,400	2	$2,400	2	$2,400
Senior examiner	2	2,350	2	2,350	2	2,350
Federal director	1	2,100	1	2,100	1	2,100
Salary range, $1,860 to $2,400; average, $2,100—						
Examiner	1	1,860	1	1,860	1	2,040
Placement clerk	1	2,040	1	2,040	1	2,040
Superintendent	1	1,980	1	1,980	0.9	1,980
Junior examiner	1	1,860	1	1,860	1	1,860
Salary range, $1,680 to $2,040; average, $1,860—						
Junior examiner	3	1,800	3	1,800	3	1,800
Examiner	3	1,720	3	1,720	4	1,725
Salary range, $1,500 to $1,860; average, $1,680—						
Assistant Federal director	1	1,560	1	1,560	1.1	1,530
Examiner in charge	2	1,560	2	1,560	1.9	1,530
Junior examiner	2	1,650	2	1,650	1	1,680
Examiner	2	1,560	2	1,560	2.7	1,560
Special agent	1	1,740	1	1,740	1	1,740
Salary range, $1,320 to $1,680; average, $1,500—						
Examiner	3	1,500	3	1,500	3	1,500
Junior examiner	1	1,440	1	1,440	1	1,440
Stenographer	2	1,320	2	1,320	1.9	1,320
Salary range, $1,140 to $1,500; average, $1,320—						
Assistant Federal director	1	1,200	1	1,200	1.9	1,260
Superintendent	1	1,320	1	1,320	1	1,320
Examiner	1	1,320	1	1,320	0.9	1,320
Junior examiners	1	1,320	1	1,320	2.1	1,320
Clerk	2	1,200	2	1,200	2	1,200
Salary range, $1,020 to $1,260; average, $1,140—						
Junior examiner					1	1,200
Placement clerk					0.9	1,200
Clerk	2	1,140	2	1,140	2	1,140
Salary range, $900 to $1,140; average, $1,020—						
Assistant Federal director	2	1,020	2	1,020	1	1,020
Junior examiner	1	1,020	1	1,020	1	1,020
Salary range, $780 to $1,020; average, $900—						
Assistant Federal director	1	960	1	960	1	960
Examiner in charge					0.5	960
Federal director					0.6	900
Junior examiner	1	900	1	900		
Special agent	1	900	1	900	1	900
Salary range, $600 to $780; average, $690—						
Examiner	2	720	2	720	2	720
Placement clerk	1	600	1	600	0.0	600
Salary range, $420 to $600; average, $510—						
Federal director					0.5	600
Examiner	1	600	1	600	1	600
Salary range, $240 to $420; average, $330—						
Superintendent					1	300
Junior examiner					0.7	300
Clerk					1	300
Special agent					1	300
Total average number of employees	47		47		53.6	
Total salaries, field cooperation services		69,620.00		69,620.00		75,264.55
01 Total personal services		175,300.00		175,200.00		177,801.09
02 Supplies and materials		1,900.00		1,600.00		1,877.46
Communication service:						
0500 Telegraph service		250.00		200.00		235.47
0510 Telephone service		1,400.00		1,400.00		1,359.29
05 Total communication service		1,650.00		1,600.00		1,594.76
Travel expenses:						
0600 Transportation		5,000.00		4,000.00		4,320.40
0630 Per diem in lieu of subsistence		13,000.00		10,500.00		10,499.75
06 Total travel expenses		18,000.00		14,500.00		14,820.15
07 Transportation of things (service)		250.00		200.00		220.82
11 Rents		2,580.00		2,580.00		2,580.00
13 Special and miscellaneous		320.00		320.00		323.85
				196,000.00		199,218.13
Unobligated balance						5,781.87
Reserve				4,000.00		
Total		200,000.00		200,000.00		205,000.00
Total, Department of Labor					$10,735,840.00	$10,159,516.00

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
CHAPTER VIII.—NAVY DEPARTMENT		
OFFICE OF THE SECRETARY		
Salaries, Office of Secretary of the Navy—		
Secretary of the Navy, $15,000; Assistant Secretaries and other personal services in the District of Columbia in accordance with the classification act of 1923, [$154,880] *$157,880*; in all, [$169,880] *$172,880*: *Provided*, That in expending appropriations or portions of appropriations contained in this act, for the payment for personal services in the District of Columbia in accordance with "the classification act of 1923," the average of the salaries of the total number of persons under any grade in any bureau, office, or other appropriation unit shall not at any time exceed the average of the compensation rates specified for the grade by such act, and in grades in which only one position is allocated the salary of such position shall not exceed the average of the compensation rates for the grade except that in unusually meritorious cases of one position in a grade advances may be made to rates higher than the average of the compensation rates of the grade but not more often than once in any fiscal year and then only to the next higher rate: *Provided*, That this restriction shall not apply (1) to grades 1, 2, 3, and 4 of the clerical-mechanical service, or (2) to require the reduction in salary of any person whose compensation was fixed as of July 1, 1924, in accordance with the rules of section 6 of such act, (3) to require the reduction in salary of any person who is transferred from one position to another position in the same or a different grade in the same or a different bureau, office, or other appropriation unit, or (4) to prevent the payment of a salary under any grade at a rate higher than the maximum rate of the grade when such higher rate is permitted by "the classification act of 1923," and is specifically authorized by other law (*U. S. C., p. 28, sec. 3; p. 51, secs. 411, 420; p. 1882, sec. 421a; act Mar. 2, 1927, vol. 44, p. 1275*)	$172,880.00	$169,880.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Clerical, administrative, and fiscal service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 14, $7,500 and over—						
Secretary	1	$15,000	1	$15,000	1	$15,000
Special executive officer (assistant secretary)	2	7,500	2	7,500	1.9	7,500
Grade 12, $5,200 to $6,000; average, $5,600—						
Senior administrative officer (chief clerk)	1	5,600	1	5,583	1	5,400
Grade 11, $3,800 to $5,000; average, $4,400—						
Administrative officer (chief appointment division)	1	4,400	1	4,383	1	4,200
Grade 10, $3,300 to $3,900; average, $3,600—						
Junior administrative officer (assistant chief clerk and estimate clerk)	1	3,800	1	3,792	1	3,700
Grade 9, $3,000 to $3,600; average, $3,300—						
Senior administrative assistant	3	3,200	2	3,300	2	3,300
Grade 8, $2,700 to $3,300; average, $3,000—						
Administrative assistant	4	3,000	4	2,996	4	2,950
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant	3	2,633	3	2,633	3	2,630
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	1	2,500	1	2,492	1	2,400
Chief stenographer	1	2,100	1	2,100	1	2,100
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	3	2,100	3	2,095	3.7	2,001
Senior clerk-stenographer	2	2,080	2	2,080	1.6	2,108
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	6	1,850	6	1,850	5	1,884
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	11	1,685	11	1,683	11	1,653
Assistant clerk-stenographer	5	1,668	5	1,665	5.3	1,652
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	7	1,360	6.8	1,362	7	1,362
Junior stenographer	1	1,440	1	1,440	1.4	1,406
Junior clerk-typist	4	1,500	4	1,500	4	1,499
Junior clerk-stenographer	3	1,360	3	1,357	2.3	1,326
Senior typist	1	1,320	1	1,320	0.3	1,320
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	5	1,224	5	1,223	4.5	1,235
Underclerk-typist	1	1,320	1	1,320	2	1,233
Professional and scientific service—						
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate engineer	1	3,000	1	3,000	1	3,000
Custodial service—						
Grade 6, $1,500 to $1,860; average, $1,680—						
Mechanic	1	1,620	1	1,615	1	1,560
Grade 4, $1,140 to $1,500; average, $1,320—						
Head messenger	1	1,200	1	1,200	1	1,200
Undermechanic	3	1,340	3	1,338	3	1,318

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries, Office of Secretary of the Navy—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service—Continued.						
Salaries—Continued.						
Custodial service—Continued.	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger	4	$1,140	4	$1,139	4.5	$1,127
Minor mechanic	1	1,080	1	1,080	1	1,078
Grade 2, $900 to $1,140; average, $1,020—						
Junior laborer	1	960	1	960	1	960
Grade 1, $600 to $780; average, $690—						
Junior messenger	1	600	1	600	1	609
Total average number of employees	80		78.8		78.5	
01 Total salaries, departmental service		172,880		169,880		166,823
Unobligated balance						2,077
Total		172,880		169,880		168,900
The difference between 1929 and 1928 is due to increase in force, $3,000.						

Salaries, General Board, Navy Department—

Salaries, Navy Department: For personal services in the District of Columbia, in accordance with the classification act of 1923 (*act Mar. 2, 1927, vol. 44, p. 1275*) ..... $10,740.00 | $10,500.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Clerical, administrative, and fiscal service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 9, $3,000 to $3,600; average, $3,300—						
Senior administrative assistant (chief clerk)	1	$3,400	1	$3,300	0.8	$3,300
Grade 6, $2,100 to $2,700; average, $2,400—						
Chief stenographer	1	2,400	1	2,400	0.3	2,400
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk-stenographer	1	2,000	1	1,920	1.7	2,080
Grade 4, $1,680 to $2,040; average, $1,860—						
Principal stenographer	1	1,740	1	1,680	1.2	1,695
Custodial service—						
Grade 3, $1,020 to $1,200; average, $1,140—						
Messenger	1	1,200	1	1,200	1	1,140
Total average number of employees	5		5		5	
01 Total salaries, departmental service		10,740		10,500		10,085
Unobligated balance						255
Total		10,740		10,500		10,340
The difference between 1929 and 1928 is due to increase in salaries, $240.						

Salaries, Naval Examining and Retiring Boards—

Salaries, Navy Department: For personal services in the District of Columbia, in accordance with the classification act of 1923 (*U. S. C., pp. 1110, 1117, secs. 274, 275, 411; act Mar. 2, 1927, vol. 44, p. 1275*) ..... 9,420.00 | 9,420.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Clerical, administrative, and fiscal service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant (recorder and chief clerk)	1	$2,700	1	$2,700	1	$2,650
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Head stenographer	1	2,100	1	2,100	1	2,050
Grade 3, $1,500 to $1,860; average, $1,680—						
Senior stenographer	1	1,740	1	1,740	1	1,740
Assistant clerk	1	1,680	1	1,680	1	1,680
Custodial service—						
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger	1	1,200	1	1,200	1.5	1,080
Total average number of employees	5		5		5.5	
01 Total salaries, departmental service		9,420		9,420		9,740
Unobligated balance						380
Total		9,420		9,420		10,120

Salaries, Compensation Board, Navy Department—

Salaries, Navy Department: For personal services in the District of Columbia, in accordance with the classification act of 1923 (*act Mar. 2, 1927, vol. 44, p. 1275*) ..... 15,400.00 | 18,400.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries, Compensation Board, Navy Department—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Clerical, administrative, and fiscal service—	*Average—*		*Average—*		*Average—*	
Grade 11, $3,800 to $5,000; average, $4,400—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Assistant chief accountant and auditor	1	$4,000	1	$4,000	1	$3,950
Grade 8, $2,700 to $3,300; average, $3,000—						
Administrative assistant	1	3,000	1	3,000	1	2,925
Grade 4, $1,680 to $2,040; average, $1,860—						
Principal stenographer	2	1,830	1	1,860	1	1,770
Clerk	2	1,770				
Grade 3, $1,500 to $1,860; average, $1,680—						
Stenographer			1	1,680	1	1,635
Assistant clerk			3	1,700	3	1,670
Assistant clerk-stenographer			1	1,620	1	1,575
Custodial service—						
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger	1	1,200	1	1,140	1	1,140
Total average number of employees	7		9		9	
01 Total salaries, departmental service		15,400		18,400		18,005
Unobligated balance						3,475
Total		15,400		18,400		21,480
The difference between 1929 and 1928 is due to decrease in force, $3,000.						

Contingent Expenses, Navy Department—

For professional and technical books and periodicals, law books, and necessary reference books, including city directories, railway guides, freight, passenger, and express tariff books and photostating, for department library; for purchase of photographs, maps, documents, and pictorial records of the Navy, photostating and other necessary incidental expenses in connection with the preparation for publication of the naval records of the war with the Central Powers of Europe; for stationery, furniture, newspapers (for which payment may be made in advance), plans, drawings, and drawing materials; purchase and exchange of motor trucks or motor delivery wagons, maintenance, repair, and operation of motor trucks or motor delivery wagons, and one motor-propelled passenger-carrying vehicle, to be used only for official purposes; garage rent; street-car fares not exceeding $500; freight, expressage, postage, typewriters, and computing machines and other absolutely necessary expenses of the Navy Department and its various bureaus and offices, [$80,000] *$81,500*; it shall not be lawful to expend, unless otherwise specifically provided herein, for any of the offices or bureaus of the Navy Department in the District of Columbia, any sum out of appropriations made for the naval service for any of the purposes mentioned or authorized in this paragraph (*act Mar. 2, 1927, vol. 44, p. 1275*) ..... $81,500.00 | $80,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Supplies and materials:			
0200 Stationery and office supplies	$41,680	$40,680	$42,656
0222 Newspapers	100	100	98
0290 Materials	800	800	772
02 Total supplies and materials	42,580	41,580	43,526
05 Communication service	600	600	595
06 Street-car fares	300	300	300
11 Rents (tabulating machines)	8,820	8,820	7,085
13 Laundry service	300	300	270
Equipment:			
3010 Furniture, furnishings, and fixtures	25,500	25,000	25,000
3020 Educational, scientific, and recreational equipment (library stock)	3,400	3,400	3,000
30 Total equipment	28,900	28,400	28,000
			79,776
Unobligated balance			224
Total	81,500	80,000	80,000

Printing and Binding, Navy Department—

For printing and binding for the Navy Department and the Naval Establishment executed at the Government Printing Office, [$500,000] *$510,000*, including not exceeding $85,000 for the Hydrographic Office and [$3,100] *$2,800* for the Naval Reserve Officers' Training Corps (*U. S. C., p. 1137, sec. 821; p. 1421, sec. 111; acts Aug. 4, 1886, vol. 24, p. 255; Feb. 23, 1927, vol. 44, p. 1160; Mar. 2, 1927, vol. 44, p. 1276*) ..... 510,000.00 | 500,000.00

08 Printing and binding: Expenditures—1929, $510,000; 1928, $500,000; 1927, $542,000.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Pay, Miscellaneous—		
For commissions and interest; transportation of funds; exchange; for traveling expenses of civilian employees, [for the expenses of the attendance of representatives of the Navy Department who may be designated as delegates from the United States to attend the meetings of the International Research Council or of its branches; for the expenses for the attendance of representatives of the Navy Department who may be designated as delegates of the United States to attend the International Hydrographic Conference;] *for the part time or intermittent employment in the District of Columbia or elsewhere of such special experts, at such compensation, as may be contracted for in the discretion of the Secretary of the Navy;* actual expenses of officers and midshipmen while on shore patrol duty; hire of launches or other small boats in Asiatic waters; for rent of buildings and offices not in navy yards; expenses of courts-martial, including law and reference books, prisoners and prisons, and courts of inquiry, boards of inspection, examining boards, with clerks, and witnesses' fees, and traveling expenses and costs; expenses of naval defense districts; stationery and recording; religious books; newspapers and periodicals for the naval service; all advertising for the Navy Department and its bureaus (except advertising for recruits for the Bureau of Navigation); copying; ferriage; tolls, costs of suits; relief of vessels in distress; recovery of valuables from shipwrecks; quarantine expenses; reports; professional investigation; cost of special instruction at home and abroad, including maintenance of students and attachés; information from abroad and at home, and the collection and classification thereof; all charges pertaining to the Navy Department and its bureaus for ice for the cooling of drinking water on shore (except at naval hospitals), and not to exceed [$180,000] *$177,000* for telephone rentals and tolls, telegrams and cablegrams; postage, foreign and domestic, and post-office box rentals; for necessary expenses for interned persons and prisoners of war under the jurisdiction of the Navy Department, including funeral expenses for such interned persons or prisoners of war as may die while under such jurisdiction, and for payment of claims for damages under naval act approved July 11, 1919; and other necessary and incidental expenses; in all, [$1,520,000] *$1,510,000*: *Provided*, That no part of this appropriation shall be available for the expense of any naval district unless the commandant thereof shall be also the commandant of a navy yard, naval training station, or naval operating base: *Provided further*, That the sum to be paid out of this appropriation, under the direction of the Secretary of the Navy, for clerical, inspection, and messenger service in navy yards and naval stations, for the fiscal year ending June 30, [1928] *1929*, shall not exceed, [$480,000] *$495,000* (*act Mar. 2, 1927, vol. 44, p. 1276*)	$1,510,000.00	$1,520,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
05	Communication service	$172,960	$178,430	$172,027
06	Travel expenses	143,000	135,000	133,000
07	Transportation of things (service)	3,000	4,000	2,656
09	Advertising and publication of notices (service)	3,500	3,000	5,500
14	Maintenance of shore stations	627,600	626,300	619,556
15	Maintenance of ships	115,440	133,770	112,776
16	Miscellaneous operating expenses	444,500	439,500	455,632
	Unobligated balance			48,853
	Total	1,510,000	1,520,000	1,550,000

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Contingent, Navy—		
For all emergencies and extraordinary expenses, exclusive of personal services in the Navy Department or any of its subordinate bureaus or offices at Washington, District of Columbia, arising at home or abroad, but impossible to be anticipated or classified, to be expended on the approval and authority of the Secretary of the Navy, and for such purposes as he may deem proper, and for examination of estimates for appropriations in the field for any branch of the naval service (*act Mar. 2, 1927, vol. 44, p. 1277*)	30,000.00	40,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
06	Travel expenses	$3,000	$3,000	$3,060
12	Miscellaneous operating expenses	27,000	37,000	21,780
				24,840
	Unobligated balance			15,160
	Total	30,000	40,000	40,000

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Temporary Government for West Indian Islands— For expenses incident to the occupation of the Virgin Islands and to the execution of the provisions of the act providing a temporary government for the West Indian Islands acquired by the United States from Denmark, and for other purposes, approved March 3, 1917, to be applied under the direction of the President, [$280,000] *$300,000*, [plus so much of $20,000 additional as may equal the sum of revenue collected and paid into the treasuries of said islands in excess of $280,000: *Provided*, That no part of the $280,000 shall be paid to any one holding office in the Colonial Councils of the Virgin Islands or other public office under the government of said islands who owes allegiance to any country other than the United States of America] (*U. S. C., p. 1643, sec. 1391; act Mar. 2, 1927, vol. 44, p. 1277*)	$300,000.00	$280,000.00
16 Miscellaneous operating charges: Expenditures—1929, $300,000; 1928, $280,000; 1927, $280,000.		
State Marine Schools, Act March 4, 1911— To reimburse the State of New York, $25,000; the State of Massachusetts, $25,000; and the State of Pennsylvania, $25,000, for expenses incurred in the maintenance and support of marine schools in those States in accordance with section 2 of the act entitled "An act for the establishment of marine schools, and for other purposes," approved March 4, 1911; in all (*U. S. C., p. 1150, sec. 1121; act Mar. 2, 1927, vol. 44, p. 1277*)	75,000.00	75,000.00
16 Miscellaneous operating charges: Expenditures—1929, $75,000; 1928, $75,000; 1927, $75,000.		
Care of Lepers, etc., Island of Guam— Naval station, island of Guam: For maintenance and care of lepers, special patients, and for other purposes, including cost of transfer of lepers from Guam to the island of Culion, in the Philippines, and their maintenance, [$18,000] *$22,000*; for educational purposes, [$12,000] *$13,000*; in all (*act Mar. 2, 1927, vol. 44, p. 1277*)	35,000.00	30,000.00
14 Maintenance and operation of shore stations: Expenditures—1929, $35,000; 1928, $30,000; 1927, $30,000.		
Naval Research Laboratory— For laboratory and research work and other necessary work of the naval research laboratory for the benefit of the naval service, including operation and maintenance of a laboratory, additions to equipment necessary properly to carry on work in hand, maintenance of buildings and grounds, [and] the temporary employment of such scientific civilian assistants as may become necessary, *and subscriptions to technical periodicals*, to be expended under the direction of the Secretary of the Navy, [$175,000] *$200,000*: *Provided*, That [$10,000] *$15,000* of this appropriation shall be available for the temporary employment of civilian scientists and technicists required on special problems: *Provided further*, That the sum to be paid out of this appropriation for technical, drafting, clerical, and messenger service shall not exceed [$75,000] *$85,000* in addition to the amount authorized by the preceding proviso (*acts Aug. 29, 1916, vol. 39, p. 570; Mar. 4, 1917, vol. 39, p. 1179; Mar. 2, 1927, vol. 44, p. 1277*)	200,000.00	175,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Field service:			
	Salaries and wages—	*Average—*	*Average—*	*Average—*
		No. *Salary*	*No.* *Salary*	*No.* *Salary*
	Temporary employment of scientists and technicists	$4,000	$4,000	$3,535
	Technical and drafting force	26 71,024	20 52,516	7 18,476
	Clerical and messenger force	10 13,935	9 12,084	6 7,563
	Wages of shop employees (appropriation portion)	33 63,741	31 59,600	26 49,923
	Total number of employees	69	60	39
01	Total salaries and wages, field service	152,700.00	128,200.00	79,497.29
	Supplies and materials:			
0200	Stationery and office supplies	2,200.00	2,100.00	1,958.70
0220	Scientific supplies	4,300.00	4,000.00	11,930.27
0280	Sundry supplies	2,000.00	2,000.00	3,850.12
0290	Material for research	11,000.00	10,200.00	17,105.14
02	Total supplies and materials	19,500.00	18,300.00	34,844.23
10	Light, heat, and power	11,500.00	11,500.00	11,309.33
12	Repairs and alterations	5,000.00	5,500.00	8,903.95
16	Miscellaneous operating charges	7,500.00	7,300.00	6,985.01
	Equipment:			
3020	Scientific equipment	2,000.00	2,200.00	24,427.93
3050	Other equipment	1,800.00	2,000.00	6,050.31
30	Total equipment	3,800.00	4,200.00	30,478.24
				172,018.05
	Unobligated balance			2,981.95
	Total	200,000.00	175,000.00	175,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Salaries, Office of Naval Records and Library—		
Salaries, Navy Department: For personal services in the District of Columbia in accordance with the classification act of 1923, including employees engaged in the collection or copying and classification, with a view to publication, of the naval records of the war with the Central Powers of Europe (*acts July 7, 1884, vol. 23, p. 185; Mar. 2, 1927, vol. 44, p. 1278*)	$37,940.00	$37,940.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Clerical, administrative, and fiscal service—	*Average*—		*Average*—		*Average*—	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant (chief clerk)	1	$2,600	1	$2,600	1	$2,567
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	1	2,300	1	2,300	1	2,242
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	1	2,200	1	2,200	1.3	2,110
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	2	1,770	2	1,770	1	1,740
Clerk-stenographer	1	1,800	1	1,800	1	1,780
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	6	1,630	6	1,630	6	1,631
Assistant clerk-stenographer					0.5	1,560
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	5	1,500	5	1,500	3.9	1,470
Junior clerk-typist					2.5	1,412
Subprofessional service—						
Grade 5, $1,680 to $2,040; average, $1,860—						
Library assistant	1	1,920	1	1,920	1	1,840
Grade 4, $1,500 to $1,860; average, $1,680—						
Junior library assistant	1	1,500	1	1,500	0.7	1,680
Grade 3, $1,320 to $1,680; average, $1,500—						
Under library assistant	1	1,440	1	1,440	0.5	1,500
Grade 2, $1,140 to $1,500; average, $1,320—						
Minor library assistant	1	1,200	1	1,200	1	1,200
Custodial service—						
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger	2	1,080	2	1,080	1	1,080
Senior laborer					1	1,035
Total average number of employees	23		23		23.4	
01 Total salaries, departmental service		37,940		37,940		37,991
Unobligated balance						2,009
		37,940		37,940		40,000

Salaries, Office of Judge Advocate General—		
Salaries, Navy Department: For personal services in the District of Columbia in accordance with the classification act of 1923 (*U. S. C., p. 52, sec. 428; act Mar. 2, 1927, vol. 44, p. 1278*)	110,860.00	107,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Clerical, administrative, and fiscal service—	*Average*—		*Average*—		*Average*—	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant	1	$2,700	1	$2,700	1	$2,617
Grade 4, $1,680 to $2,040; average, $1,860—						
Principal stenographer	1	1,680	1	1,680	1	1,680
Clerk	3	1,920	3	1,920	3.2	1,905
Grade 3, $1,500 to $1,860; average, $1,680—						
Senior stenographer	2	1,710	2	1,710	2	1,668
Assistant clerk-stenographer	9	1,673	9	1,667	8	1,608
Assistant clerk	1	1,560	1	1,560	1	1,455
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	1	1,500	1	1,500	1	1,440
Senior typist					1	1,390
Junior clerk-typist	4	1,485	4	1,425	1	1,440
Junior clerk-stenographer	4	1,500	5	1,488	5	1,400
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk-typist	2	1,320	1	1,320	3	1,283
Professional service—						
Grade 5, $5,200 to $6,000; average, $5,600—						
Senior attorney	2	5,600	2	5,600	2	5,217
Grade 4, $3,800 to $5,000; average, $4,400—						
Attorney	5	4,000	5	3,880	5.6	3,806
Grade 3, $3,000 to $3,600; average, $3,360—						
Associate patent examiner	2	3,050	1	3,100	0.6	3,000
Associate attorney	2	3,150	2	3,100	2	3,000
Associate legal adviser	1	3,100	1	3,000	0.3	3,000
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant attorney	1	2,700	1	2,700	1	2,550
Assistant patent examiner	1	2,800	1	2,800	1	2,650
Senior legal assistant	1	2,600	1	2,400	1	2,550
Grade 1, $1,860 to $2,400; average, $2,111.42—						
Junior attorney	3	2,100	3	2,100	2.5	2,200

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries, Office of Judge Advocate General—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service—Continued.						
Salaries—Continued.						
Custodial service—	*Average—*		*Average—*		*Average—*	
Grade 3, $1,020 to $1,260; average, $1,140—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Messenger	3	$1,100	3	$1,100	3	$1,040
Total average number of employees	49		48		46.2	
01 Total salaries, departmental service		110,860		107,000		99,779
Unobligated balance						2,021
Total		110,860		107,000		102,000
The difference between 1929 and 1928 is due to—						
Increase in force	$3,000					
Increase in salaries	860					
Total increase	3,860					

Payment to George Melling—

[To pay George Melling for compiling and indexing supplement to Laws Relating to the Navy, Annotated, including laws enacted at the present session of Congress, $3,000, to be available upon completion of such work] (*act Mar. 2, 1927, vol. 44, p. 1278*) $3,000.00

01 Personal services: Expenditure—1928, $3,000.

Salaries, Office of Chief of Naval Operations—

Salaries, Navy Department: For personal services in the District of Columbia, in accordance with the classification act of 1923 (*U. S. C., p. 51, sec. 422; act Mar. 2, 1927, vol. 44, p. 1278*) $66,640.00 66,640.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Clerical, administrative, and fiscal service—	*Average—*		*Average—*		*Average—*	
Grade 9, $3,000 to $3,600; average, $3,300—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Senior administrative assistant (chief clerk)	1	$3,000	1	$3,000	1	$3,000
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant	3	2,465	3	2,465	3	2,460
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	1	2,400	1	2,400	1	2,400
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	1	1,860	1	1,860	1	1,860
Senior clerk-stenographer	1	2,100	1	2,100	1	2,100
Senior photographer	1	2,100	1	2,100	1	2,100
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	1	1,860	1	1,860	1	1,860
Principal stenographer	1	1,860	1	1,860	1	1,860
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	5	1,632	5	1,632	5	1,620
Assistant clerk-stenographer	3	1,675	3	1,675	4	1,604
Senior stenographer	8	1,655	8	1,655	8	1,642
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	1	1,560	1	1,560	1	1,560
Junior clerk-stenographer	2	1,320	2	1,320	2	1,320
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	3	1,320	3	1,320	3	1,32
Subprofessional service—						
Grade 6, $1,860 to $2,400; average, $2,111.42—						
Senior engineering draftsman	1	1,920	1	1,920	1	1,920
Grade 5, $1,680 to $2,040; average, $1,860—						
Engineering draftsman	1	1,740	1	1,740	1	1,740
Custodial service—						
Grade 4, $1,140 to $1,500; average, $1,320—						
Undermechanic	1	1,440	1	1,440	1	1,440
Grade 3, $1,020 to $1,320; average, $1,140—						
Messenger	4	1,095	4	1,095	4	1,080
Total average number of employees	39		39		40	
01 Total salaries, departmental service		66,640		66,640		67,690
Unobligated balance						310
Total		66,640		66,640		68,000

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Salaries, Board of Inspection and Survey—		
Salaries, Navy Department: For personal services in the District of Columbia, in accordance with the classification act of 1923 (*U. S. C., p. 1120, sec. 491; act Mar. 2, 1927, vol. 44, p. 1278*)	$19,500.00	$19,560.00

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:							
Salaries—							
Clerical, administrative, and fiscal service—		*Average*—		*Average*—		*Average*—	
Grade 7, $2,400 to $3,000; average, $2,700—		*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Junior administrative assistant		1	$2,700	1	$2,700	1	$2,700
Grade 4, $1,680 to $2,040; average, $1,860—							
Clerk-stenographer		1	1,920	1	1,920	1	1,840
Clerk		1	1,800	1	1,800	1	1,800
Grade 3, $1,500 to $1,860; average, $1,680—							
Assistant clerk-stenographer		1	1,680	1	1,680	1	1,680
Senior stenographer		2	1,680	2	1,680	1.9	1,544
Grade 2, $1,320 to $1,680; average, $1,500—							
Junior clerk-typist		1	1,500	1	1,500	1	1,500
Subprofessional service—							
Grade 8, $2,400 to $3,000; average, $2,700—							
Chief engineering draftsman		2	2,700	2	2,700	2	2,700
Custodial service—							
Grade 3, $1,020 to $1,260; average, $1,140—							
Messenger		1	1,140	1	1,140	1.9	1,023
Total average number of employees		10		10		10.8	
01 Total salaries, departmental service			19,500		19,560		20,053
Unobligated balance							407
Total			19,500		19,560		20,460

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Salaries, Office of Director of Naval Communications—		
Salaries, Navy Department: For personal services in the District of Columbia, in accordance with the classification act of 1923 (*act Mar. 2, 1927, vol. 44, p. 1278*)	126,000.00	126,200.00

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:							
Salaries—							
Clerical, administrative, and fiscal service—		*Average*—		*Average*—		*Average*—	
Grade 9, $3,000 to $3,600; average, $3,300—		*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Senior administrative assistant (cryptographer)		1	$3,000	1	$3,000	0.3	$3,000
Grade 8, $2,700 to $3,300; average, $3,000—							
Administrative assistant (disbursing clerk)		1	3,000	1	3,000	1	3,000
Grade 7, $2,400 to $3,000; average, $2,700—							
Junior administrative assistant (chief clerk)		1	2,700	1	2,700	0.9	2,700
Grade 6, $2,100 to $2,700; average, $2,400—							
Principal accounting and auditing assistant		1	2,400	1	2,400	1	2,400
Principal clerk (cryptographer)						0.7	2,400
Grade 5, $1,860 to $2,400; average, $2,111.42—							
Senior clerk		3	2,100	3	2,167	2.8	2,167
Senior accounting and auditing assistant		1	2,100	1	2,100	1	2,100
Senior clerk (chief telephone operator)		1	1,860	1	1,860	0.3	1,860
Grade 4, $1,680 to $2,040; average, $1,860—							
Head operator, office devices (chief telephone operator)						0.7	1,860
Head operator, office devices (telegrapher)		7	1,937	7	1,937	7	1,886
Clerk-stenographer		1	1,860	1	1,860		
Clerk		1	1,860	1	1,860	1	1,860
Accounting and auditing assistant						1	1,680
Grade 3, $1,500 to $1,860; average, $1,680—							
Assistant clerk		7	1,663	7	1,663	7	1,663
Senior stenographer		4	1,636	4	1,636	5	1,728
Assistant clerk-stenographer		2	1,620	2	1,620	2	1,620
Grade 2, $1,320 to $1,680; average, $1,500—							
Junior clerk		16	1,466	16	1,466	17	1,464
Junior operator, office devices		5	1,560	5	1,560	3	1,540
Junior clerk-typist		3	1,460	3	1,460	4	1,535
Junior clerk-stenographer		1	1,320	1	1,320	1	1,380
Grade 1, $1,140 to $1,500; average, $1,320—							
Underclerk typist		1	1,140	1	1,140	1	1,140
Underoperator, office devices (telephone operator)		10	1,380	10	1,380	10	1,380
Professional service—							
Grade 4, $3,800 to $5,000; average, $4,400—							
Engineer (telephone and telegraph engineer)		1	4,000	1	4,000	1	4,000
Subprofessional service—							
Grade 8, $2,400 to $3,000; average, $2,700—							
Chief engineering aid (communication aid)		1	2,600	1	2,600	1	2,600
Grade 6, $1,860 to $2,400; average, $2,111.42—							
Senior engineering aid (assistant to telephone and telegraph engineer)		1	2,100	1	2,100	1	2,100
Custodial service—							
Grade 3, $1,020 to $1,200; average, $1,140—							
Messenger		5	1,068	5	1,068	5	1,068
Total average number of employees		75		75		75.7	
01 Total salaries, departmental service			126,000		126,200		126,586
Unobligated balance							1,414
Total			126,000		126,200		128,000

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Salaries, Office of Naval Intelligence—		
Salaries, Navy Department: For personal services in the District of Columbia, in accordance with the classification act of 1923 (*act Mar. 2, 1927, vol. 44, p. 1278*)	$37,800.00	$37,800.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Clerical, administrative, and fiscal service—	*Average*—		*Average*—		*Average*—	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant	1	$2,800	1	$2,800	1	$2,708
Grade 6, $2,100 to $2,760; average, $2,400—						
Principal clerk	2	2,350	2	2,350	2	2,304
Principal translator	1	2,200	1	2,200	1	2,200
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior translator	2	1,890	2	1,890	2	1,863
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	2	1,860	2	1,860	1.5	1,860
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk					0.5	1,620
Assistant clerk-stenographer	5	1,620	5	1,620	3.2	1,663
Assistant photographer					0.4	1,575
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	1	1,440	1	1,440	0.9	1,406
Junior clerk-typist	3	1,500	3	1,500	2.9	1,491
Junior clerk-stenographer	3	1,460	3	1,460	2.9	1,472
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk					0.2	1,320
Custodial service—						
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger	2	1,080	2	1,080	2	1,053
Total average number of employees	22		22		20.5	
01 Total salaries, departmental service		37,800		37,800		35,067
Unobligated balance						933
Total		37,800		37,800		36,000

Total, Secretary's Office	3,348,680.00	3,306,340.00

BUREAU OF NAVIGATION

Recreation for Enlisted Men, Navy—		
For the recreation, amusement, comfort, contentment, and health of the Navy, to be expended in the discretion of the Secretary of the Navy, under such regulations as he may prescribe, $400,000: *Provided*, That the amount paid from this appropriation for personal services of field employees, exclusive of temporary services, shall not exceed $35,000 (*act Mar. 2, 1927, vol. 44, p. 1278*)	400,000.00	400,000.00

16 Miscellaneous operating charges: Expenditures—1929, $400,000; 1928, $400,000; 1927, $423,167.

Contingent, Bureau of Navigation—		
For continuous-service certificates, commissions, warrants, diplomas, discharges, good-conduct badges, and medals for men and boys; purchase of gymnastic apparatus; transportation of effects of deceased officers, *nurses*, and enlisted men of the Navy, and of officers and men of the Naval Reserve who die while on duty; books for training apprentice seamen and landsmen; packing boxes and materials; books and models; stationery; and other contingent expenses and emergencies arising under cognizance of the Bureau of Navigation, unforeseen and impossible to classify (*act Mar. 2, 1927, vol. 44, p. 1279*)	10,000.00	14,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
07 Transportation of things (service)	$1,000	$1,000	$855
16 Miscellaneous operating charges	9,000	13,000	8,177
Unobligated balance			5,968
Total	10,000	14,000	15,000

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Gunnery and Engineering Exercises, Bureau of Navigation— For trophies and badges for excellence in gunnery, target practice, engineering exercises, and for economy in fuel consumption, to be awarded under such rules as the Secretary of the Navy may formulate; for the purpose of recording, classifying, compiling, and publishing the rules and results; for the establishment and maintenance of shooting galleries, target houses, targets, and ranges; for hiring established ranges, and for transporting equipment to and from ranges; *entrance fees in matches for the rifle team, and special equipment therefor (act Mar. 2, 1927, vol. 44, p. 1279)*	$60,000.00	$46,650.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
14	Maintenance and operation of shore stations	$42,500	$22,150	$25,041
16	Miscellaneous operating charges	17,500	24,500	11,642
	Unobligated balance			1,167
	Total	60,000	46,650	37,850

Instruments and Supplies, Bureau of Navigation— For supplies for seamen's quarters; and for the purchase of all other articles of equipage at home and abroad; and for the payment of labor in equipping vessels therewith and manufacture of such articles in the several navy yards; all pilotage and towage of ships of war; canal tolls, wharfage, dock and port charges, and other necessary incidental expenses of a similar nature; services and materials in repairing, correcting, adjusting, and testing compasses on shore and on board ship; nautical and astronomical instruments and repairs to same, and pay of chronometer caretakers; libraries for ships of war, professional books, schoolbooks, and papers; maintenance of gunnery and other training classes; compasses, compass fittings, including binnacles, tripods, and other appendages of ship's compasses; logs and other appliances for measuring the ship's way and leads and other appliances for sounding; photographs, photographic instruments and materials, printing outfit and materials; and for the necessary civilian electricians for gyrocompass testing and inspection; in all (*act Mar. 2, 1927, vol. 44, p. 1279*)	580,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
12	Repairs to ships' equipage	$188,500.00	$188,500.00	$195,729.86
14	Maintenance and operation of shore stations	18,000.00	18,000.00	17,272.08
15	Maintenance and operation of fleet	179,939.00	179,939.00	185,800.90
30	Equipage of naval vessels	193,561.00	198,561.00	201,197.16
	Total	580,000.00	585,000.00	600,000.00

Ocean and Lake Surveys, Bureau of Navigation— For hydrographic surveys, including the pay of the necessary hydrographic surveyors, cartographic draftsmen, and recorders, and for the purchase of nautical books, charts, and sailing directions (*U. S. C., p. 53, sec. 457; act Mar. 2, 1927, vol. 44, p. 1279*)	80,000.00	85,000.00
16 Miscellaneous operating charges: Expenditures—1929, $80,000; 1928, $85,000; 1927, $79,063.		
Naval Training Stations, Bureau of Navigation— For maintenance, including labor and material, heat, light, water, general care, repairs, and improvements; schoolbooks; and all other incidental expenses for the naval training stations that follow:		
San Diego, California	170,000.00	160,000.00
Newport, Rhode Island	245,000.00	245,000.00
Great Lakes, Illinois	270,000.00	245,000.00
Hampton Roads, Virginia	245,000.00	245,000.00
Provided, That the amount to be paid out of each of the foregoing sums under the direction of the Secretary of the Navy for clerical, drafting, inspection, and messenger service for the fiscal year ending June 30, [1928] *1929*, shall not exceed $12,600, except for Great Lakes, which shall not exceed $13,750 (*acts Aug. 7, 1882, vol. 22, p. 324; Apr. 27, 1904, vol. 33, p. 337; June 15, 1917, vol. 40, p. 208; July 11, 1919, vol. 41, p. 145; Mar. 2, 1927, vol. 44, p. 1279*).		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Naval Training Stations, Bureau of Navigation—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
San Diego, Calif.:			
14 Maintenance and operation of shore stations	$170,000	$160,000	$149,898
Unobligated balance			102
Total	170,000	160,000	150,000
Newport, R. I.:			
14 Maintenance and operation of shore stations	245,000	245,000	244,533
Unobligated balance			467
Total	245,000	245,000	245,000
Great Lakes, Ill.:			
14 Maintenance and operation of shore stations	270,000	245,000	244,932
Unobligated balance			68
Total	270,000	245,000	245,000
Hampton Roads, Va.:			
14 Maintenance and operation of shore stations	245,000	245,000	244,373
Unobligated balance			627
Total	245,000	245,000	245,000

Organizing the Naval Reserve—

For expenses of organizing, administering, and recruiting the Naval Reserve and Naval Militia[, for maintenance and rental of armories, including pay of necessary janitors, and for wharfage, $160,000]; [for] pay and allowances of officers and enrolled and enlisted men of the Naval Reserve when employed on authorized training duty; mileage for officers while traveling under orders to and from training duty; transportation of enrolled and enlisted men to and from training duty, and subsistence and transfers en route, or cash in lieu thereof; subsistence of enrolled and enlisted men during the actual period of training duty; subsistence of officers and enrolled and enlisted men of the Fleet Naval Reserve while performing authorized training or other duty without pay; pay, mileage, and allowances of officers of the Naval Reserve and pay, allowances, and subsistence of enrolled and enlisted men of the Naval Reserve when ordered to active duty in connection with the instruction, training, and drilling of the Naval Reserve; pay of officers and enrolled and enlisted men of the Fleet Naval Reserve for the performance of drills or other equivalent instruction or duty, or appropriate duties, and administrative duties, [$3,730,500; in all, $3,890,500] *$4,145,000*, of which amount *not more than $45,308 shall be available for pay of officers and enlisted men of the Merchant Marine Naval Reserve when not employed on active duty with the regular Navy, not more than $240,000 shall be available for maintenance and rental of armories, including pay of necessary janitors, and for wharfage, not more than $73,531 shall be available for clerical and messenger services for Naval Reserve administration in naval stations and districts for the fiscal year ending June 30, 1929*, not more than [$364,010] *$609,555* shall be available, in addition to other appropriations, for aviation material, equipment, fuel, and rental of hangars, and not more than [$709,461] *$790,000* shall be available in addition to other appropriations, for fuel and the transportation thereof, and for all other expenses in connection with the maintenance, operation, repair, and upkeep of vessels assigned for training the Naval Reserve[: *Provided*, That the sum to be paid from this appropriation for clerical and messenger services for Naval Reserve administration in Naval stations and districts for the fiscal year ending June 30, 1928, shall not exceed $72,286] (*U. S. C., p. 1133, sec. 751; act Mar. 2, 1927, vol. 44, p. 1280*) $4,145,000.00 $3,890,500.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
01 Personal services	$2,496,487	$2,291,739	$1,992,545
03 Subsistence and support of persons	240,819	237,420	204,465
06 Travel expenses	152,076	127,870	118,237
12 Repairs to vessels	420,654	511,147	359,096
14 Maintenance and operation of shore stations	180,000	160,000	154,896
15 Maintenance and operation of fleet	654,964	562,324	681,742
Unobligated balance			309,879
Total	4,145,000	3,890,500	3,820,860

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), data of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Naval Reserve Officers' Training Corps— For the procurement, maintenance, and issue, under such regulations as may be prescribed by the Secretary of the Navy, to institutions at which one or more units of the Naval Reserve Officers' Training Corps are established, of such means of transportation, books, supplies, tentage, equipment, and uniforms as he may deem necessary, and all other miscellaneous items, including cleaning and laundering of uniforms and clothing at camps or on board ship; and to pay commutation in lieu of uniforms at a rate to be fixed annually by the Secretary of the Navy; for transporting supplies and equipment from place of issue to the several institutions, training camps, and ships and return of same to place of issue when necessary; for the establishment and maintenance of camps of instruction, and schools on ships for the further practical instruction of members of the Naval Reserve Officers' Training Corps, and for transporting members of such corps to and from such camps or ships and to subsist them while traveling to and from such camps or ships and while remaining therein so far as appropriations will permit, or, in lieu of transporting them to and from such camps or ships and subsisting them while en route, to pay them travel allowance at the rate of 5 cents per mile for the distance by the shortest usually traveled route from the places from which they are authorized to proceed to the camp or ship and for the return journey thereto, and to pay the return travel pay in advance of the actual performance of the travel; for pay for students attending advanced camps or advanced schools on ships at the rate prescribed for enlisted men of the seventh pay grade; for the payment of commutation of subsistence to members of the senior division of the Naval Reserve Officers' Training Corps, at a rate not exceeding the cost of the commuted ration of the Navy; for medical and hospital treatment, subsistence until furnished transportation, and transportation when fit for travel to their homes of members of the Naval Reserve Officers' Training Corps injured in line of duty while at camps of instruction or on ships; and for the cost of preparation and transportation to their homes and burial expenses of the remains of the members of the Naval Reserve Officers' Training Corps who die while attending camps of instruction or on ships; and for the cost of maintenance, repair, and operation of motor-propelled passenger-carrying vehicles [$65,000] *$100,000*, to remain available until December 31, [1928] *1929*: *Provided*, That uniforms and other equipment or material issued to the Naval Reserve Officers' Training Corps in accordance with law may be furnished from surplus or reserve stocks of the Navy without payment from this appropriation, except for actual expenses incurred in the manufacture or issue: *Provided further*, That in no case shall the amount paid from this appropriation for uniforms, equipment, or material furnished to the Naval Reserve Officers' Training Corps from stocks under the control of the Navy be in excess of the price current at the time the issue is made (*U. S. C., p. 1137, sec. 821; act Mar. 2, 1927, vol. 44, p. 1280*)	$100,000.00	$65,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
03	Subsistence and support of persons	$57,124.80	$29,760.00	$19,270.78
06	Travel expense	15,873.00	10,240.00	2,460.00
16	Miscellaneous operating charges	27,002.20	25,000.00	18,269.22
	Total	100,000.00	65,000.00	40,000.00

Naval War College, Bureau of Navigation— For maintenance of the Naval War College on Coasters Harbor Island, including the maintenance, repair, and operation of one horse-drawn passenger-carrying vehicle to be used only for official purposes; and care of ground for same, [$96,000] *$101,000*; services of a professor of international law, $2,000; services of civilian lecturers, rendered at the War College, $2,000; care and preservation of the library, including the purchase, binding, and repair of books of reference and periodicals, $5,000; in all, [$105,000] *$110,000*: *Provided*, That the sum to be paid out of this appropriation under the direction of the Secretary of the Navy for clerical, inspection, drafting, and messenger service for the fiscal year ending June 30, [1928] *1929*, shall not exceed [$64,000] *$68,118* (*act Mar. 2, 1927, vol. 44, p. 1281*)	110,000.00	105,000.00

14 Maintenance and operation of shore stations: Expenditures—1929, $110,000; 1928, $105,000; 1927, $103,720.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object		Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Naval Home, Philadelphia, Pa.—			
For pay of employees at rates of pay to be fixed by the Secretary of the Navy, [$68,300]	$73,425.00		
Maintenance: For water rent, heating, and lighting; cemetery, burial expenses, and headstones; general care and improvements of grounds, buildings, walls, and fences; repairs to power-plant equipment, implements, tools, and furniture, and purchase of the same; music in chapel and entertainments for beneficiaries; stationery, books, and periodicals; transportation of indigent and destitute beneficiaries to the Naval Home, and of sick and insane beneficiaries, their attendants and necessary subsistence for both, to and from other Government hospitals; employment of such beneficiaries in and about the Naval Home as may be authorized by the Secretary of the Navy, on the recommendation of the governor; support of beneficiaries and all other contingent expenses, including the maintenance, repair, and operation of one horse-drawn passenger-carrying vehicle, two motor-propelled vehicles, and one motor-propelled passenger-carrying vehicle, to be used only for official purposes, [$98,500]	101,575.00		
In all, Naval Home, [$166,800] *$175,000*, which sum shall be paid out of the income from the naval pension fund (*U. S. C., p. 672, sec. 14; act Mar. 2, 1927, vol. 44, p. 1281*)	175,000.00		
NOTE.—In accordance with section 5 of the legislative, executive, and judicial appropriation act, approved July 16, 1914, it is estimated that there will be required $850 for the maintenance, repair, and operation of horse-drawn and motor-propelled passenger-carrying vehicles for the Naval Home.			
Indefinite appropriation:			
For expenses of the Naval Home, Philadelphia, Pa., as authorized in the annual naval act, to be paid from the interest on the Navy pension fund (detailed estimate above) (*U. S. C., p. 671, sec. 6; act Mar. 1, 1869, vol. 15, p. 277*)		$175,000.00	$166,800.00
14 Maintenance and operation of shore stations: Expenditures—1929, $175,000; 1928, $166,800; 1927, $153,102.			
Navy Fines and Forfeitures—			
Indefinite appropriation of the receipts from fines and forfeitures imposed by naval courts-martial, applicable for payment for transportation of discharged prisoners to their homes, the balance not required for such payment to be transferred to the naval hospital fund (*U. S. C., p. 1144, sec. 962*)		140,000.00	140,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
06 Travel expense	$75,000.00	$75,000.00	$64,970.56
16 Miscellaneous operating charges	65,000.00	65,000.00	203,756.18
Total	140,000.00	140,000.00	268,726.74

Salaries, Bureau of Navigation—

Salaries, Navy Department: For personal services in the District of Columbia, in accordance with the classification act of 1923, $414,540: *Provided*, That the unexpended balance of the appropriation of $450,000 for administrative expenses, World War adjusted compensation act, contained in the second deficiency act, fiscal year 1924, approved December 5, 1924, shall remain available until June 30, [1928] *1929* (*U. S. C., p. 52, sec. 429; act Mar. 2, 1927, vol. 44, p. 1282*) — 414,540.00 — 414,540.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Clerical, administrative, and fiscal service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 10, $3,300 to $3,900; average, $3,600—						
Junior administrative officer (chief clerk)	1	$3,800	1	$3,800	1	$3,700
Grade 8, $2,700 to $3,300; average, $3,000—						
Administrative assistant	3	3,000	3	3,000	3	3,000
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant	8	2,700	8	2,700	8	2,700
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	6	2,183	6	2,183	1.3	2,350
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	15	2,037	15	2,037	14.7	2,045
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	22	1,773	22	1,773	24.7	1,785
Clerk-stenographer	2	1,770	2	1,770	1.8	1,770

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries, Bureau of Navigation—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service—Continued.						
Salaries—Continued.						
Clerical, administrative, and fiscal service—Con.	*Average—*		*Average—*		*Average—*	
Grade 3, $1,500 to $1,860; average, $1,680—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Assistant clerk	56	$1,572	56	$1,572	57.4	$1,584
Assistant clerk-stenographer	12	1,565	12	1,565	9.6	1,565
Senior operator, office devices	1	1,560	1	1,560	1.3	1,520
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	56	1,394	56	1,394	55.2	1,387
Junior clerk-typist	19	1,396	19	1,396	19.4	1,339
Junior clerk-stenographer	24	1,405	24	1,405	17	1,386
Junior stenographer	6	1,410	6	1,410	11.5	1,401
Senior typist	1	1,320	1	1,320	2.7	1,380
Junior operator, office devices	1	1,320	1	1,320	0.8	1,320
Grade 1, $1,140 to $1,500; average $1,320—						
Underclerk	10	1,248	10	1,248	14	1,226
Underclerk-typist	3	1,280	3	1,280	1.8	1,350
Underoperator, office devices	1	1,260	1	1,260	1	1,260
Junior typist					0.3	1,320
Professional and scientific service—						
Grade 5, $5,200 to $6,000; average, $5,600—						
Senior educationist	1	5,600	1	5,600	1	5,533
Grade 4, $3,800 to $5,000; average, $4,400—						
Librarian	1	4,400	1	4,400	1	4,300
Custodial service—						
Grade 4, $1,140 to $1,500; average, $1,320—						
Head messenger	1	1,200	1	1,200	1	1,200
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger	13	1,084	13	1,084	13	1,072
Total average number of employees	263		263		262.5	
01 Total salaries, departmental service		414,540		414,540		414,116
Unobligated balance						8,884
Total		414,540		414,540		423,000

Salaries, Hydrographic Office—

Salaries, Navy Department: For personal services in the District of Columbia in accordance with the classification act of 1923 (*U. S. C., p. 53, sec. 457; act Mar. 2, 1927, vol. 44, p. 1281*) $335,000.00 $325,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Clerical, administrative, and fiscal service—	*Average—*		*Average—*		*Average—*	
Grade 8, $2,700 to $3,300; average, $3,000—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Administrative assistant (chief clerk)	1	$3,200	1	$3,200	1	$3,100
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	1	2,500	1	2,500	1	2,400
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	1	2,000	1	2,000	0.8	1,900
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk					0.2	1,860
Clerk-stenographer	1	1,860	1	1,860	1	1,860
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	2	1,680	2	1,680	0.8	1,560
Senior stenographer	1	1,800	1	1,800	1	1,800
Assistant clerk-stenographer	5	1,656	5	1,656	5.5	1,670
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	1	1,620				
Junior clerk-typist	4	1,500	5	1,524	5.2	1,510
Junior clerk-stenographer	2	1,440	2	1,440	2	1,440
Junior operator, office devices	1	1,500	1	1,500	0.8	1,440
Grade 1, $1,140 to $1,500; average, $1,320—						
Underoperator, office devices					0.2	1,440
Underclerk	2	1,290	2	1,290	2	1,260
Professional and scientific service—						
Grade 5, $5,200 to $6,000; average, $5,600—						
Senior scientist	1	5,200	1	5,200	1	5,200
Senior engineer	1	5,200	1	5,200	1	5,200
Grade 4, $3,800 to $5,000; average, $4,400—						
Scientist	1	4,000	1	3,800	1	3,800
Engineer (chief of division)	8	3,925	8	3,800	6.2	3,800
Engraver (chief of division)	1	3,800	1	3,800	1	3,800
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate engineer	12	3,083	11	3,036	9.3	3,000
Associate engraver	4	3,150	4	3,050	4	3,000
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant engineer	11	2,573	11	2,518	10.4	2,499
Grade 1, $1,860 to $2,400; average, $2,111.42—						
Junior engineer	3	2,000	3	1,900	4	1,948
Junior scientist	2	2,000	2	1,920	1	1,860

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries, Hydrographic Office—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service—Continued.						
Salaries—Continued.						
Subprofessional service—	*Average—*		*Average—*		*Average—*	
Grade 8, $2,400 to $3,000; average, $2,700—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Chief engineering aid	1	$2,700	1	$2,600	1	$2,500
Chief engineering draftsman	4	2,550	4	2,450	4.7	2,412
Chief lithographer, artistic	4	2,575	4	2,475	4.5	2,444
Chief lithographer, mechanical	1	2,600	1	2,500	0.4	2,400
Grade 7, $2,100 to $2,700; average, $2,400—						
Principal lithographer, artistic	2	2,200	2	2,150	0.8	2,100
Principal lithographer, mechanical	1	2,400	1	2,300	1.6	2,250
Grade 6, $1,860 to $2,400; average, $2,111.42—						
Senior engineering aid	1	2,000	1	1,920	1.6	1,892
Senior engineering draftsman	9	1,967	9	1,967	6.7	1,940
Senior lithographer, artistic	11	1,971	11	1,929	7.3	1,901
Senior lithographer, mechanical	12	1,957	12	1,925	6	1,900
Grade 5, $1,680 to $2,040; average, $1,860—						
Engineering aid	1	1,800	1	1,740	1.5	1,770
Engineering draftsman	3	1,933	3	1,860	5.9	1,786
Lithographer, artistic	3	1,847	3	1,780	7.3	1,790
Lithographer, mechanical					5.3	1,836
Grade 4, $1,500 to $1,860; average, $1,680—						
Assistant lithographer, artistic	2	1,620	2	1,560	2.8	1,620
Assistant lithographer, mechanical	5	1,692	5	1,668	5	1,615
Grade 3, $1,320 to $1,680; average, $1,500—						
Junior engineering draftsman	9	1,480	9	1,433	7.3	1,400
Junior lithographer, mechanical	4	1,500	4	1,455	4.4	1,445
Grade 2, $1,140 to $1,500; average, $1,320—						
Apprentice engineering draftsman	2	1,320	2	1,260	3.2	1,156
Apprentice lithographer, mechanical	1	1,200	1	1,140	1.3	1,185
Grade 1, $900 to $1,260; average, $1,080—						
Minor apprentice lithographer, artistic	1	1,140	1	1,080	1.8	1,031
Minor apprentice lithographer, mechanical	1	960	1	900	0.3	900
Custodial service—						
Grade 4, $1,140 to $1,500; average, $1,320—						
Assistant foreman of laborers	1	1,260	1	1,260	1	1,200
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger	3	1,120	3	1,120	2.5	1,068
Laborer	7	1,106	7	1,106	7.4	1,047
Total average number of employees	155		154		152	
01 Total salaries, departmental service		335,000		325,000		308,821
Unobligated balance						1,179
Total		335,000		325,000		310,000
The difference between 1929 and 1928 is due to—						
Increase in force	$3,000					
Increase in salaries	7,000					
Total increase	10,000					

Contingent and Miscellaneous Expenses, Hydrographic Office—

For purchase and printing of nautical books, charts, and sailing directions, copperplates, steel plates, chart paper, packing boxes, chart portfolios, electrotyping copperplates, cleaning copperplates; tools, instruments, power, and materials for drawing, engraving, and printing; materials for and mounting charts; reduction of charts by photography; photolithographing charts for immediate use; transfer of photolithographic and other charts to copper; purchase of equipment for the storage of plates used in making charts and for the storage of Hydrographic Office charts and publications; modernization, care, and repairs to printing presses, furniture, instruments, and tools; extra drawing and engraving; translating from foreign languages; telegrams on public business; preparation of pilot charts and their supplements and printing and mailing same; purchase of data for charts and sailing directions and other nautical publications; books of reference and works and periodicals relating to hydrography, marine meteorology, navigation, surveying, oceanography, and terrestrial magnetism, and to other professional and technical subjects connected with the work of the Hydrographic Office, [$60,000] (*U. S. C., p. 53, sec. 457; act Mar. 2, 1927, vol. 44, p. 1281*)..... $64,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Contingent and Miscellaneous Expenses, Hydrographic Office—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Supplies and materials:			
0200	Stationery and office supplies	$8,000	$6,000	$3,192
0280	Sundry supplies	9,000	6,500	7,431
0290	Materials (chart paper)	32,500	32,000	35,311
02	Total supplies and materials	49,500	44,500	45,934
	Communication service:			
0500	Telegraph service	500	500	324
0520	Other communication service	4,000	4,000	2,200
05	Total communication service	4,500	4,500	2,524
12	Repairs and alterations	2,000	2,000	1,244
	Equipment:			
3020	Educational, scientific, and recreational equipment	5,000	6,000	3,849
3050	Other equipment	3,000	3,000	14,709
30	Total equipment	8,000	9,000	18,558
	Unobligated balance			68,260
				540
	Total	64,000	60,000	68,800

For contingent expenses of branch hydrographic offices at Boston, New York, Philadelphia, Baltimore, Norfolk, Savannah, New Orleans, San Francisco, Portland (Oregon), Portland (Maine), Chicago, Cleveland, Detroit, Buffalo, Duluth, Sault Sainte Marie, Seattle, Panama, San Juan (Porto Rico), Los Angeles, and Galveston, including furniture, fuel, lights, works, and periodicals relating to hydrography, marine meteorology, navigation, surveying, oceanography, and terrestrial magnetism, stationery, miscellaneous articles, rent and care of offices, care of time balls, car fare and ferriage in visiting merchant vessels, freight and express charges, telegrams, and other necessary expenses incurred in collecting the latest information for pilot charts, and for other purposes for which the offices were established [$19,120] (*U. S. C., p. 53, sec. 457; act Mar. 2, 1927, vol. 44, p. 1281*) $15,700.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
02	Supplies and materials	$4,896	$6,316	$4,574
	Communication service:			
0500	Telegraph service	400	400	368
0510	Telephone service	2,000	2,000	1,787
0520	Other communication service	250	250	204
05	Total communication service	2,650	2,650	2,359
11	Rent of office buildings	6,154	6,154	5,014
30	Equipment	2,000	4,000	1,672
	Unobligated balance			13,619
				1
	Total	15,700	19,120	13,620

For services of necessary employees at branch offices [$35,680] (*same act*) 36,660.00

$116,360.00 $114,800.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average—		*Average—*		*Average—*	
Field service:	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Total number of employees	24		24		23	
01 Total salaries and wages, field service		$36,660		$35,680		$34,878

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Salaries, Naval Observatory—		
Salaries, Navy Department: For personal services in the District of Columbia, in accordance with the classification act of 1923 (*acts Aug. 31, 1842, vol. 5, p. 576; Mar. 2, 1927, vol. 44, p. 1282*)	$106,060.00	$88,600.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average—		*Average*—		*Average*—	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Departmental service:						
Salaries—						
Clerical, administrative, and fiscal service—						
Grade 8, $2,700 to $3,300; average, $3,000—						
Administrative assistant	1	$3,100	1	$3,100	1	$3,025
Grade 5, $1,860 to $2,500; average, $2,111.42—						
Assistant accountant	1	2,200	1	2,200	1	2,025
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	1	1,740	1	1,740	1	1,740
Principal stenographer	1	1,680	1	1,680	0.9	1,680
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	3	1,520	3	1,520	2.3	1,505
Assistant clerk-stenographer	1	1,500	1	1,500	0.9	1,538
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	1	1,440	1	1,440	1.7	1,418
Professional and scientific service—						
Grade 4, $3,800 to $5,000; average, $4,400—						
Scientist	3	4,067	3	4,067	3	4,017
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate scientist	7	3,071	7	3,071	6.8	3,029
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant scientist	4	2,475	3	2,500	2.7	2,450
Subprofessional service—						
Grade 6, $1,860 to $2,400; average, $2,111.42—						
Senior laboratory mechanic	1	2,200	1	2,200	1	2,050
Grade 5, $1,680 to $2,040; average, $1,860—						
Scientific aid	5	1,680				
Grade 4, $1,500 to $1,860; average, $1,680—						
Junior library assistant	1	1,620	1	1,620	1	1,530
Grade 3, $1,320 to $1,680; average, $1,500—						
Junior laboratory mechanic	1	1,380	1	1,380	1	1,335
Junior scientific aid	5	1,320				
Custodial service—						
Grade 8, $1,860 to $2,400; average, $2,100—						
Principal mechanic	2	1,890	1.5	1,890		
Grade 7, $1,680 to $2,040; average, $1,860—						
Senior mechanic			0.5	1,860	2	1,770
Assistant chief guard	1	1,860	0.7	1,860		
Grade 6, $1,500 to $1,860; average, $1,680—						
Head guard			0.3	1,860	1	1,860
Mechanic	1	1,560	1	1,560	1	1,515
Grade 3, $1,020 to $1,260; average, $1,140—						
Minor mechanic	4	1,140	4	1,140	3.8	1,072
Guard (watchman)	7	1,114	7	1,114	6.9	1,082
Messenger	2	1,140	2	1,140	2	1,095
Grade 2, $900 to $1,140; average, $1,020—						
Junior laborer	5	948	5	948	5	918
Total average number of employees	58		47		46	
Total salaries, departmental service		106,600		89,140		84,855
Deduct allowance value of quarters furnished		540		540		
Cash payment, salaries		106,060		88,600		84,855
Unobligated balance						745
01 Total personal services		106,060		88,600		85,600
The difference between 1929 and 1928 is due to—						
Increase in force	$17,400					
Increase in salaries	60					
Total increase	17,460					

Contingent and Miscellaneous Expenses, Naval Observatory—

Miscellaneous computations: For personal services in the District of Columbia, in accordance with the classification act of 1923, [$9,420] (*acts Aug. 31, 1842, vol. 5, p. 576; Mar. 2, 1927, vol. 44, p. 1283*) $9,760.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average—		*Average*—		*Average*—	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Departmental service:						
Salaries—						
Professional and scientific service—						
Grade 1, $1,860 to $2,400; average, $2,111.42—						
Junior scientist	5	$1,952	5	$1,884	4.6	$1,860
Total average number of employees	5		5		4.6	
01 Total salaries, departmental service		9,760		9,420		8,615
Unobligated balance						685
Total		9,760		9,420		9,300
The difference between 1929 and 1928 is due to increase in salaries, $340.						

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object		Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Contingent and Miscellaneous Expenses, Naval Observatory—Continued. For professional and scientific books, books of reference, periodicals, engravings, photographs, and fixtures for the library; for apparatus and instruments and for repairs of the same; for repairs to buildings, fixtures, and fences; furniture *for offices and quarters*, gas, chemicals, paints, and stationery, including transmission of public documents through the Smithsonian exchange, foreign postage, and all contingent expenses; plants, *seeds*, and fertilizers; for fuel, oil, grease, pipe, wire, and other materials needed for the maintenance and repair of boilers, engines, heating apparatus, electric lighting and power plant, and water-supply system; purchase and maintenance of teams; maintenance, repair, and operation of motor truck and passenger automobile, and of horse-drawn [passenger-carrying] vehicles; material for boxing nautical instruments for transportation; telegraph and telephone service, and incidental labor, [$20,000] *$19,000*, of which sum not to exceed $3,058 may be expended for personal services in the District of Columbia (*acts Aug. 31, 1842, vol. 5, p. 576; Mar. 2, 1927, vol. 44, p. 1283*)	$19,000.00	$28,760.00	$29,420.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Custodial service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 7, $1,680 to $2,040; average, $1,860—						
Senior mechanic	1	$1,860	1	$1,860	0.4	$1,860
Grade 6, $1,500 to $1,860; average, $1,680—						
Mechanic					0.6	1,860
Grade 3, $1,020 to $1,260; average, $1,140—						
Senior laborer	1	1,140	1	1,140	0.9	1,140
Total average number of employees	2		2		1.9	
Total salaries, departmental service		3,000		3,000		2,924
0150 Special and miscellaneous payments for personal services		58		58		15
01 Total personal services		3,058		3,058		2,939
Supplies and materials:						
0200 Stationery and office supplies		360.00		360.00		358.93
0221 Scientific supplies		400.00		400.00		380.85
0230 Fuel (coal)		3,550.00		3,550.00		3,498.41
0234 Gas		150.00		150.00		150.57
0250 Forage and other supplies for animals		405.00		405.00		401.88
0280 Sundry supplies		875.00		875.00		860.42
0290 Materials		450.00		450.00		437.12
02 Total supplies and materials		6,190.00		6,190.00		6,088.18
Subsistence and care of animals and storage and care of vehicles:						
0460 Storage and care of motor-driven vehicles		555.00		555.00		553.05
0470 Special and miscellaneous (horseshoeing)		42.00		42.00		24.00
04 Total subsistence and care of animals, etc		597.00		597.00		577.05
Communication service:						
0500 Telegraph service		10.00		10.00		6.13
0510 Telephone service		415.00		415.00		408.91
05 Total communication service		425.00		425.00		415.04
06 Travel expenses		42.00		42.00		14.00
07 Transportation of things (service)		190.00		190.00		257.80
10 Furnishing of electricity		1,125.00		1,125.00		1,109.21
12 Repairs and alterations		4,000.00		5,000.00		3,802.69
13 Special and miscellaneous current expenses		98.00		98.00		95.51
Equipment:						
3010 Furniture, furnishings, and fixtures		800.00		800.00		774.69
3021 Educational equipment (library stock)		1,000.00		1,000.00		1,077.50
3022 Scientific equipment		950.00		950.00		914.75
3050 Other equipment		525.00		525.00		519.69
30 Total equipment		3,275.00		3,275.00		3,286.63
						18,585.11
Unobligated balance						414.89
Total		19,000.00		20,000.00		19,000.00

NOTE.—In accordance with section 5 of the legislative, executive, and judicial act, approved July 15, 1914, it is estimated that there will be required $200 for the maintenance, repair, and operation of motor-propelled passenger-carrying vehicles for the Naval Observatory.

Grounds and Roads, Naval Observatory— Grounds and roads, Naval Observatory: For cleaning, repair, and upkeep of grounds and roads, including personal services in the District of Columbia, in accordance with the classification act of 1923, $6,000, of which amount not to exceed $4,980 may be expended for personal services in the District of Columbia (*acts Aug. 31, 1842, vol. 5, p. 576; Mar. 2, 1927, vol. 44, p. 1283*)		6,000.00	6,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, refereoces to Statutes at Large, or to Revised Statntes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amnunt appropriated for tbe fiscal year euding June 30, 1928

Grounds and Roads, Naval Observatory—Continued.

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Departmental service:						
	Salaries—						
	Subprofessional service—	*Average—*		*Average—*		*Average—*	
	Grade 3, $1,320 to $1,680; average, $1,500—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Gardener	1	$1,500	1	$1,440	1	$1,440
	Custodial service—						
	Grade 4, $1,140 to $1,500; average, $1,320—						
	Undermechanic	1	1,260	1	1,260	1	1,260
	Grade 3, $1,020 to $1,260; average, $1,140—						
	Senior laborer	1	1,140	1	1,080	0.9	1,085
	Grade 2, $900 to $1,140; average, $1,020—						
	Junior laborer	1	1,080	1	1,020	1	1,010
	Total average number of employees	4		4		3.9	
01	Total salaries, departmental service		4,980.00		4,800.00		4,691.52
	Supplies and materials:						
0280	Sundry supplies		50.00		50.00		47.26
0290	Materials		20.00		20.00		6.40
02	Total supplies and materials		70.00		70.00		53.66
12	Repairs and alterations		790.00		970.00		1,151.25
30	Equipment		160.00		160.00		156.11
			6,000.00		6,000.00		6,052.54
	Unobligated balance						37.46
	Total		6,000.00		6,000.00		6,090.00

Salaries, Nautical Almanac Office—

For personal services in the District of Columbia, in accordance with the classification act of 1923 (*U. S. C., p. 54, secs. 463, 464; acts Mar. 3, 1849, vol. 9, p. 375; Mar. 2, 1927, vol. 44, p. 1283*) $30,000 00

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 apprn-priation		Expended and obligated, 1927	
	Departmental service:						
	Salaries—						
	Professional and scientific service—	*Average—*		*Average—*		*Average—*	
	Grade 4, $3,800 to $5,000; average, $4,400—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Scientist	1	$4,400	1	$4,400	1	$3,950
	Grade 3, $3,000 to $3,600; average, $3,300—						
	Associate scientist	3	3,033	3	3,033	2.7	3,008
	Grade 2, $2,400 to $3,000; average, $2,700—						
	Assistant scientist	3	2,567	3	2,467	3	2,417
	Grade 1, $1,860 to $2,400; average, $2,111.42—						
	Junior scientist	4	1,945	4	1,905	3.6	1,870
	Custodial service—						
	Grade 3, $1,020 to $1,260; average, $1,140—						
	Messenger	1	1,020	1	1,020	1	1,020
	Total average number of employees	12		12		11.3	
01	Total salaries, departmental service		30,000		29,560		26,919
	Unobligated balance						1,541
	Total		30,000		29,560		28,460

The difference between 1929 and 1928 is due to increase in salaries, $440.

For pay of computers on piecework in preparing for publication the American Ephemeris and Nautical Almanac and in improving the tables of the planets, moon, and stars (*U. S. C., p. 54, secs. 463, 464; acts Mar. 3, 1849, vol. 9, p. 375; Mar. 2, 1927, vol. 44, p. 1283*) 2,500.00

$32,500.00 $32,060.00

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Departmental service:						
	Salaries—						
	Professional and scientific service—	*Average—*		*Average—*		*Average—*	
	Grade 2, $2,400 to $3,000; average, $2,700—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Assistant scientist	4	[1]	4	[1]	4	[1]
	Total average number of employees	4		4		4	
01	Total salaries, departmental service		$2,500		$2,500		$2,500

[1] Piecework.

Total, Bureau of Navigation 7,769,220.00 7,403,370.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
BUREAU OF ENGINEERING		
Engineering—		
For repairs, preservation, and renewal of machinery, auxiliary machinery, and boilers of naval vessels, yard craft, and ships' boats, distilling and refrigerating apparatus; repairs, preservation, and renewals of electric interior and exterior signal communications and all electrical appliances of whatsoever nature on board naval vessels, except range finders, battle order and range transmitters and indicators, and motors and their controlling apparatus used to operate machinery belonging to other bureaus; searchlights and fire-control equipments for antiaircraft defense at shore stations; maintenance and operation of coast signal service; equipage, supplies, and materials under the cognizance of the bureau required for the maintenance and operation of naval vessels, yard craft, and ships' boats; care, custody, and operation of the naval petroleum reserves; purchase, installation, repair, and preservation of machinery, tools, and appliances in navy yards and stations, pay of classified field force under the bureau; incidental expenses for naval vessels, navy yards, and stations, inspectors' offices, the engineering experiment station, such as photographing, technical books and periodicals, stationery, and instruments; services, instruments and apparatus, supplies, and technical books and periodicals necessary to carry on experimental and research work; *payment of part time or intermittent employment in the District of Columbia or elsewhere of such scientists and technicists as may be contracted for by the Secretary of the Navy, in his discretion, at a rate of pay not exceeding $20 per diem for any person so employed;* in all, [$19,050,000] *$19,400,000*: *Provided*, That the sum to be paid out of this appropriation, under the direction of the Secretary of the Navy, for clerical, drafting, inspection, and messenger service in navy yards, naval stations, and offices of United States inspectors of machinery and [engineering] *naval* material for the fiscal year ending June 30, [1928] *1929*, shall not exceed $1,575,000 (*U. S. C., p. 52, sec. 429; act Mar. 2, 1927, vol. 44, p. 1283*)	$19, 400, 000. 00	$19, 050, 000. 00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
01	Personal services (not included in objects below)	$524, 600	$508, 300	$469, 025
	Repairs and alterations:			
1291	Repairs to vessels	8, 069, 400	8, 015, 000	8, 167, 118
1292	Changes and alterations to vessels	1, 761, 200	1, 711, 900	1, 891, 768
1293	Repairs to ships' equipage	420, 100	391, 000	403, 123
12	Total repairs and alterations	10, 250, 700	10, 117, 900	10, 462, 009
14	Maintenance and operation of shore stations	2, 749, 400	2, 753, 700	2, 741, 539
15	Maintenance and operation of the fleet	2, 413, 900	2, 363, 400	2, 348, 546
16	Miscellaneous operating charges	789, 000	789, 000	789, 054
30	Equipage of naval vessels	1, 915, 400	1, 835, 700	2, 334, 796
32	Additions and improvements to shore stations	886, 000	811, 000	836, 359
34	Reserve stores on hand	[1] 129, 000	[1] 129, 000	[1] 943, 782
				19, 037, 546
	Unobligated balance			112, 454
	Total	19, 400, 000	19, 050, 000	19, 150, 000

[1] Credits.

Engineering Experimental Station, Annapolis, Md.—

For original investigation and extended experimentation of naval appliances, testing implements and apparatus; purchase and installation of such machines and auxiliaries considered applicable for test and use in the naval service; and for maintenance and equipment of buildings and grounds (*acts Mar. 3, 1903, vol. 32, p. 1194; Mar. 2, 1927, vol. 44, p. 1284*) | 175, 000. 00 | 175, 000. 00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
14	Maintenance and operation of shore stations	$85, 000	$85, 000	$77, 786
16	Miscellaneous operating charges	85, 000	85, 000	94, 643
32	Additions and improvements to shore stations	5, 000	5, 000	2, 308
				174, 737
	Unobligated balance			263
	Total	175, 000	175, 000	175, 000

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Salaries, Bureau of Engineering—		
Salaries, Navy Department: For personal services in the District of Columbia, in accordance with the classification act of 1923 (*U. S. C., p. 52, sec. 429; act Mar. 2, 1927, vol. 44, p. 1284*)	$275,480.00	$275,480.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Clerical, administrative, and fiscal service—	*Average*—		*Average*—		*Average*—	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 9, $3,000 to $3,600; average, $3,300—						
Senior administrative assistant	2	$3,300	2	$3,300	2	$3,300
Grade 8, $2,700 to $3,300; average, $3,000—						
Administrative assistant	1	2,700	1	2,700		
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant	1	2,600	1	2,600	1	2,517
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	1	2,400	1	2,400	2	2,400
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	5	2,032	5	2,032	6	1,951
Senior clerk-stenographer	2	2,100	2	2,100	2	2,100
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	3	1,800	3	1,800	3	1,815
Principal stenographer	1	1,860	1	1,860	1	1,860
Clerk-stenographer	1	2,040	1	2,040	1.3	1,860
Photographer	1	1,920	1	1,920	1	1,920
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	2	1,590	2	1,590	1.7	1,590
Senior stenographer	15	1,604	15	1,604	14	1,586
Assistant clerk-stenographer	14	1,595	14	1,595	13.2	1,569
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	5	1,548	5	1,548	5	1,548
Junior clerk-stenographer	1	1,380	1	1,380	1.9	1,440
Junior clerk-typist	4	1,485	4	1,485	4.3	1,482
Junior operator, office devices	1	1,440	1	1,440	1.1	1,525
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	4	1,230	4	1,230	4	1,260
Underoperator, office devices	4	1,500	4	1,500	5	1,428
Professional and scientific service—						
Grade 5, $5,200 to $6,000; average, $5,600—						
Senior engineer	4	5,250	4	5,250	4	5,208
Grade 4, $3,800 to $5,000; average, $4,400—						
Engineer	5	3,840	5	3,840	5	3,840
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate engineer	17.6	3,206	17.6	3,206	15.8	3,167
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant engineer	13	2,700	13	2,700	13	2,707
Grade 1, $1,860 to $2,400; average, $2,111.42—						
Junior engineer	2	2,100	2	2,100	1.9	2,107
Subprofessional service—						
Grade 8, $2,400 to $3,000; average, $2,700—						
Chief engineering draftsmen					1.7	2,740
Chief engineering aid	1	2,500	1	2,500	1	2,500
Grade 7, $2,100 to $2,700; average, $2,400—						
Principal engineering aid	1	2,100	1	2,100		
Grade 6, $1,860 to $2,400; average, $2,111.42—						
Senior engineering draftsman	1.7	2,060	1.7	2,060	2.5	2,040
Grade 3, $1,320 to $1,680; average, $1,500—						
Junior engineering draftsman	2	1,440	2	1,440	1.7	1,400
Custodial service—						
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger	10	1,062	10	1,062	10	1,046
Grade 2, $900 to $1,140; average, $1,020—						
Assistant messenger	1	1,020	1	1,020	1	980
Total average number of employees	126.3		126.3		127.1	
1 Total salaries, departmental service		275,480		275,480		273,121
Unobligated balance						2,879
Total		275,480		275,480		276,000

Total, Bureau of Engineering	19,850,480.00	19,500,480.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
BUREAU OF CONSTRUCTION AND REPAIR		
Construction and Repair, Bureau of Construction and Repair—		
Construction and repair of vessels: For preservation and completion of vessels on the stocks and in ordinary; purchase of materials and stores of all kinds; steam steerers, steam capstans, steam windlasses, and all other auxiliaries; labor in navy yards and on foreign stations; purchase of machinery and tools for use in shops; carrying on work of experimental model tank and wind tunnel; designing naval vessels; construction and repair of yard craft, lighters, and barges; wear, tear, and repair of vessels afloat; general care and protection of the Navy in the line of construction and repair; incidental expenses for vessels and navy yards, inspectors' offices, such as photographing, books, professional magazines, plans, stationery, and instruments for drafting room, and for pay of classified field force under the bureau; *for payment of part time or intermittent employment in the District of Columbia, or elsewhere, of such scientists and technicists as may be contracted for by the Secretary of the Navy, in his discretion, at a rate of pay not exceeding $20 per diem for any person so employed;* for hemp, wire, iron, and other materials for the manufacture of cordage, anchors, cables, galleys, and chains; specifications for purchase thereof shall be so prepared as shall give fair and free competition; canvas for the manufacture of sails, awnings, hammocks, and other work; interior appliances and tools for manufacturing purposes in navy yards and naval stations; and for the purchase of all other articles of equipage at home and abroad; and for the payment of labor in equipping vessels therewith and manufacture of such articles in the several navy yards; naval signals and apparatus, other than electric, namely, signals, lights, lanterns, running lights, and lamps and their appendages for general use on board ship for illuminating purposes; and oil and candles used in connection therewith; bunting and other materials for making and repairing flags of all kinds; for all permanent galley fittings and equipage; rugs, carpets, curtains, and hangings on board naval vessels, [$16,600,000] *$17,000,000*: *Provided*, That the sum to be paid out of this appropriation, under the direction of the Secretary of the Navy, for clerical, drafting, inspection, watchmen (ship keepers), and messenger service in navy yards, naval stations, and offices of superintending naval constructors for the fiscal year ending June 30, [1928] *1929*, shall not exceed $1,800,000 (*U. S. C., p. 52, sec. 429; act Mar. 2, 1927, vol. 44, p. 1284*)	$17,000,000.00	$16,600,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
01	Personal services (not included in objects named below)	$270,000	$270,000	$289,955
	Repairs and alterations:			
1291	Repairs to vessels	5,500,000	5,000,000	5,234,653
1292	Changes and alterations to vessels	1,805,000	2,145,000	2,339,246
1293	Repairs to ships' equipage	750,000	610,000	742,527
12	Total repairs and alterations	8,055,000	7,755,000	8,316,426
	Maintenance and operation of shore stations:			
	Shore stations proper	2,400,000	2,400,000	2,331,909
	Vessels out of commission	725,000	825,000	694,201
14	Total maintenance and operation of shore stations	3,125,000	3,225,000	3,026,110
15	Maintenance and operation of the fleet	2,500,000	2,390,000	2,507,717
16	Miscellaneous operating charges	700,000	1,000,000	610,940
30	Equipment of naval vessels	1,950,000	1,660,000	1,899,583
32	Additions and improvements to shore stations	400,000	300,000	249,269
				16,900,000
	Unobligated balance			50,000
	Total	17,000,000	16,600,000	16,950,000

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Salaries, Bureau of Construction and Repair— Salaries, Navy Department: For personal services in the District of Columbia, in accordance with the classification act of 1923 (*act Mar. 2, 1927, vol. 44, p. 1285*)	$349,830.00	$349,830.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Clerical, administrative, and fiscal service—	*Average*—		*Average*—		*Average*—	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 9, $3,000 to $3,600; average, $3,300—						
Senior administrative assistant	1	$3,400	1	$3,400	1	$3,325
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant	2	2,550	2	2,550	1.1	2,400
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	2	2,400	2	2,400	2.8	2,375
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	4	2,060	4	2,060	4.2	2,020
Senior clerk-stenographer	1	2,200	1	2,200	1	2,100
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	8	1,845	8	1,845	7.5	1,848
Clerk-stenographer	2	1,920	2	1,890	1.2	1,860
Principal stenographer	2	1,860	2	1,860	2	1,827
Grade 3, $1,500 to $1,860; average, $1,680—						
Senior stenographer	10	1,680	9	1,700	10.7	1,674
Assistant clerk	10	1,601	10	1,644	7.7	1,645
Assistant photographer	10	1,800	1	1,800	1	1,800
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	7	1,500	7	1,500	7.5	1,475
Senior typist	1	1,620	1	1,620	1.6	1,590
Junior typist	2	1,440	2	1,440		
Junior stenographer	1	1,320	2	1,320	0.3	1,320
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	5	1,268	5	1,268	6.5	1,271
Junior typist	1	1,440	1	1,440	3.8	1,380
Underclerk-typist	5	1,260	5	1,260	5	1,260
Underoperator	1	1,500	1	1,500	1	1,500
Professional and scientific service—						
Grade 5, $5,200 to $6,000; average, $5,600—						
Senior engineer	3	5,400	3	5,400	3	5,250
Grade 4, $3,800 to $5,000; average, $4,400—						
Engineer	12	4,150	12	4,150	11	3,984
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate engineer	21	3,200	21	3,220	16.6	3,160
Associate chemist	1	3,100	1	3,100	0.3	3,000
Associate attorney	1	3,200	1	3,200	1	3,200
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant engineer	18	2,630	18	2,630	17.8	2,615
Assistant scientist					0.7	3,000
Grade 1, $1,860 to $2,400; average, $2,111.42—						
Junior engineer	3	1,940	3	1,940	2.4	1,920
Subprofessional service—						
Grade 8, $2,400 to $3,000; average, $2,700—						
Chief engineering aid	2	2,800	2	2,800	2	2,643
Chief engineering draftsman	7	2,670	7	2,670	6.2	2,675
Grade 7, $2,100 to $2,700; average, $2,400—						
Principal engineering aid	1	2,300	1	2,300	1	2,126
Grade 6, $1,860 to $2,400; average, $2,111.42—						
Senior engineering draftsman	4	2,050	4	2,050	3	1,998
Custodial service—						
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger	9	1,090	9	1,090	8	1,117
Total number of employees	148		148		138.9	
01 Total salaries, departmental service		349,830		349,830		318,945
Unobligated balance						11,055
Total		349,830		349,830		330,000

Total, Bureau of Construction and Repair	17,349,830.00	16,949,830.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
BUREAU OF ORDNANCE		
Ordnance and Ordnance Stores, Bureau of Ordnance—		
For procuring, producing, preserving, and handling ordnance material; for the armament of ships; for fuel, material, and labor to be used in the general work under the cognizance of the Bureau of Ordnance; for furniture at naval ammunition depots, torpedo stations, naval ordnance plants, and proving grounds; for technical books; plant appliances as now defined by the "Navy classification of accounts"; for machinery and machine tools; *for experimental work in connection with the development of ordnance material for the Navy;* for maintenance of proving grounds, powder factory, torpedo stations, gun factory, ammunition depots, and naval ordnance plants, and for target practice; [not to exceed $10,000 for minor improvements to buildings, grounds, and appurtenances, and at a cost not to exceed $750 for any single project;] *for improvements to buildings, grounds, and appurtenances; for payment of part time or intermittent employment in the District of Columbia, or elsewhere, of such scientists and technicists as may be contracted for by the Secretary of the Navy in his discretion at a rate of pay not exceeding $20 per diem for any person so employed;* for the maintenance, repair, and operation of horse-drawn and motor-propelled freight and passenger-carrying vehicles, to be used only for official purposes at naval ammunition depots, naval proving grounds, naval ordnance plants, and naval torpedo stations; for the pay of chemists, clerical, drafting, inspection, and messenger service in navy yards, naval stations, naval ordnance plants, and naval ammunition depots, and for care and operation of schools during the fiscal year [1928] *1929* at ordnance stations at Indianhead, Maryland, Dahlgren, Virginia, and South Charleston, West Virginia, [$11,450,000] *$12,000,000: Provided,* That the sum to be paid out of this appropriation under the direction of the Secretary of the Navy for chemists, clerical, drafting, inspection, watchmen, and messenger service in navy yards, naval stations, naval ordnance plants, and naval ammunition depots for the fiscal year ending June 30, [1928] *1929*, shall not exceed [$900,000] *$950,000* (*U. S. C., p. 52, sec. 429; act Mar. 2, 1927, vol. 44, p. 1285*)	$12,000,000.00	
For purchase and manufacture of smokeless powder (*same acts*)	1,000,000.00	
	$13,000,000.00	$12,450,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
12	Repairs to ships' equipage	$680,000	$663,000	$698,054
14	Maintenance and operation of shore stations	3,787,500	3,830,400	4,122,870
15	Maintenance and operation of the fleet	210,000	220,000	191,682
16	Miscellaneous operating charges	2,212,600	2,220,000	2,176,395
30	Equipage of naval vessels	10,000	10,000	9,193
32	Additions and betterments to shore stations	34,300	40,300	64,211
34	Reserve stores on hand (equipage, ammunition, etc., for issue to ships)	6,065,600	5,466,300	4,562,495
				11,824,900
	Unobligated balance			19,100
	Total	13,000,000	12,450,000	11,844,000

Torpedoes and Appliances, Bureau of Ordnance—

Torpedoes and appliances, Bureau of Ordnance: For the purchase and manufacture of torpedoes and appliances, to be available until expended (*U. S. C., p. 52, sec. 429; act Mar. 2, 1927, vol. 44, p. 1285*)	450,000.00	450,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
16	Miscellaneous operating charges	$115,000	$115,000	$165,000
34	Reserve stores on hand (equipage for issue to ships)	335,000	335,000	335,000
	Total	450,000	450,000	500,000

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Experiments, Bureau of Ordnance— [For experimental work in the development of armor-piercing and other projectiles, fuses, powders, and high explosives, in connection with problems of the attack of armor with direct and inclined fire at various ranges, including the purchase of armor, powder, projectiles, and fuses for the above purposes and of all necessary material and labor in connection therewith; and for other experimental work under the cognizance of the Bureau of Ordnance, in connection with the development of ordnance material for the Navy] (*U. S. C., p. 52, sec. 429; act Mar. 2, 1927, vol. 44, p. 1285*)		$190,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
14	Maintenance and operation of shore stations		$24,000	$23,715
16	Miscellaneous operating charges		160,000	158,979
34	Reserve stores on hand (material for use in experiments, etc.)		6,000	6,889
				189,583
	Unobligated balance			417
	Total		190,000	190,000

	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Salaries, Bureau of Ordnance— Salaries, Navy Department: For personal services in the District of Columbia, in accordance with the classification act of 1923 (*U. S. C., p. 52, sec. 429; act Mar. 2, 1927, vol. 44, p. 1285*)	$144,000.00	144,000 00

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Departmental service:						
	Salaries—						
	Clerical, administrative, and fiscal service—						
	Grade 10, $3,300 to $3,900; average, $3,600—	*Average—*		*Average—*		*Average—*	
	Junior administrative officer (Budget officer and chief clerk)	*No.* 1	*Salary* $3,700	*No.* 0.9	*Salary* $3,600	*No.*	*Salary*
	Grade 9, $3,000 to $3,600; average, $3,300—						
	Senior administrative assistant (Budget officer and chief clerk, chief clerk, chief of division)			0.1	3,400	2	$3,300
	Grade 7, $2,400 to $3,000; average, $2,700—						
	Junior administrative assistant	1	2,800	0.9	2,700		
	Grade 6, $2,100 to $2,700; average, $2,400—						
	Principal clerk	1	2,700	1.1	2,635	2	2,509
	Grade 5, $1,860 to $2,400; average, $2,111.42—						
	Senior clerk	4	2,200	4	2,196	3.6	2,145
	Senior clerk-stenographer	2	1,930	2	1,927	2	2,010
	Grade 4, $1,680 to $2,040; average, $1,860—						
	Clerk	1	1,860	1	1,795	0.7	2,040
	Clerk-stenographer	4	1,755	4	1,750	3	1,793
	Grade 3, $1,500 to $1,860; average, $1,680—						
	Assistant clerk	7	1,706	6.8	1,693	7	1,697
	Assistant clerk-stenographer	8	1,613	7.5	1,603	8	1,596
	Grade 2, $1,320 to $1,680; average, $1,500—						
	Junior clerk-stenographer			0.4	1,320	1	1,583
	Junior operator, office devices	1	1,380	1	1,370	0.9	1,330
	Junior clerk	2	1,410	2	1,400	2	1,350
	Grade 1, $1,140 to $1,500; average, $1,320—						
	Underclerk	5	1,320	5	1,275	5.1	1,274
	Professional and scientific service—						
	Grade 5, $5,200 to $6,000; average, $5,600—						
	Senior engineer	2	5,600	2	5,558	2	5,325
	Grade 4, $3,800 to $5,000; average, $4,400—						
	Engineer	5	4,240	4.8	4,177	4	4,000
	Grade 3, $3,000 to $3,690; average, $3,300—						
	Associate engineer	5	3,300	5	3,290	5	3,185
	Associate patent examiner			0.3	3,000	0.3	3,000
	Grade 2, $2,400 to $3,000; average, $2,700—						
	Assistant engineer	4	2,700	4	2,694	4	2,581
	Grade 1, $1,860 to $2,400; average, $2,111.42—						
	Junior engineer	3	1,947	3	1,917	2.3	1,876
	Subprofessional service—						
	Grade 8, $2,400 to $3,000; average, $2,700—						
	Chief engineering draftsman	2	2,700	2	2,700	2	2,625
	Custodial service—						
	Grade 3, $1,020 to $1,260; average, $1,140—						
	Messenger	4	1,080	4	1,070	4	1,020
	Grade 2, $900 to $1,140; average, $1,020—						
	Assistant messenger	2	990	2	955	2	938
	Total average number of employees	64		63.8		62.9	
01	Total salaries, departmental service		144,000		144,000		135,510
	Unobligated balance						6,990
	Total		144,000		144,000		142,500

	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Total, Bureau of Ordnance	13,594,000.00	13,234,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
BUREAU OF SUPPLIES AND ACCOUNTS		
Pay, Subsistence, and Transportation, Navy—		
Pay of naval personnel: For pay and allowances prescribed by law of officers on sea duty and other duty, and officers on waiting orders—pay, [$28,170,569] *$28,591,417*; rental allowance, [$5,832,128] *$6,073,789*; subsistence allowance, [$3,568,400] *$3,631,327*; in all, [$37,571,097] *$38,296,533*; officers on the retired list, [$5,044,284] *$5,239,000*; for hire of quarters for officers serving with troops where there are no public quarters belonging to the Government, and where there are not sufficient quarters possessed by the United States to accommodate them, and hire of quarters for officers and enlisted men on sea duty at such times as they may be deprived of their quarters on board ship due to repairs or other conditions which may render them uninhabitable, [$1,000] *$3,000*; pay of enlisted men on the retired list, [$1,752,328] *$2,011,017*; extra pay to men reenlisting after being honorably discharged, [$2,056,325] *$1,596,175*; interest on deposits by men, [$2,000] *$1,800*; pay of petty officers, seamen, landsmen, and apprentice seamen, including men in the engineer's force and men detailed for duty with the Fish Commission, enlisted men, men in trade schools, pay of enlisted men of the Hospital Corps, extra pay to men for diving and cash prizes for men for excellence in gunnery, target practice, and engineering competitions, [$65,068,250] *$64,980,188*; outfits for all enlisted men and apprentice seamen of the Navy on first enlistment at not to exceed $100 each, civilian clothing not to exceed $15 per man to men given discharges for bad conduct or undesirability or inaptitude, reimbursement in kind of clothing to persons in the Navy for losses in cases of marine or aircraft disasters or in the operation of water or airborne craft, and the authorized issue of clothing and equipment to the members of the Nurse Corps, [$2,362,533] *$2,010,887*; pay of enlisted men undergoing sentence of court-martial, [$225,500] *$213,000*, and as many machinists as the President may from time to time deem necessary to appoint; and apprentice seamen under training at training stations and on board training ships, at the pay prescribed by law, [$1,512,000] *$1,530,000*; pay and allowances of the Nurse Corps, including assistant superintendents, directors, and assistant directors—pay [$649,080] *$675,220*, rental allowance $24,000, subsistence allowance $20,805, pay retired list [$4,500] *$10,803*; in all, [$698,385] *$730,828*; rent of quarters for members of the Nurse Corps; pay and allowances of Fleet Naval Reservists of the classes defined in sections 22, 23, 24, and 26 of the act of February 28, 1925, [$7,980,000] *$9,232,572*; reimbursement for losses of property under act of October 6, 1917, $5,000; payment of six months' death gratuity, $150,000; in all, [$124,428,702] *$126,000,000*;		
Subsistence of naval personnel: For provisions and commuted rations for enlisted men of the Navy, which commuted rations may be paid to caterers of messes in case of death or desertion upon orders of the commanding officers, at 50 cents per diem, and midshipmen at 80 cents per diem, and commuted rations stopped on account of sick in hospital and credited at the rate of 75 cents per ration to the naval hospital fund; subsistence of men unavoidably detained or absent from vessels to which attached under orders (during which subsistence rations to be stopped on board ship and no credit for commutation therefor to be given); quarters and subsistence of men on detached duty; subsistence of members of the Naval Reserve during period of active service; subsistence in kind at hospitals and on board ship in lieu of subsistence allowance of female nurses and Navy and Marine Corps general courts-martial prisoners undergoing imprisonment with sentences of dishonorable discharge from the service at the expiration of such confinement; in all, [$19,128,975] *$18,900,000*: *Provided, That enlisted men entitled to receive allowances for quarters and subsistence shall continue, while their permanent stations remain unchanged, to receive such allowances while sick in hospital or absent from their permanent duty stations in a pay status: Provided further, That allowances for subsistence shall not accrue to such an enlisted man while he is in fact being subsisted at Government expense;*		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Pay, Subsistence, and Transportation, Navy—Continued.		
Transportation and recruiting of naval personnel: For mileage and actual and necessary expenses and per diem in lieu of subsistence as authorized by law to officers of the Navy while traveling under orders; for mileage, at 5 cents per mile, to midshipmen entering the Naval Academy while proceeding from their homes to the Naval Academy for examination and appointment as midshipmen, and not more than $2,500 shall be available for transportation of midshipmen, including reimbursement of traveling expenses, while traveling under orders after appointment as midshipmen; for actual traveling expenses of female nurses; for travel allowance or for transportation and subsistence as authorized by law of enlisted men upon discharge; transportation of enlisted men and apprentice seamen and applicants for enlistment at home and abroad, with subsistence and transfers en route, or cash in lieu thereof; transportation to their homes, if residents of the United States, of enlisted men and apprentice seamen discharged on medical survey, with subsistence and transfers en route, or cash in lieu thereof; transportation of sick or insane enlisted men and apprentice seamen *and insane supernumerary patients* to hospitals, with subsistence and transfers en route, or cash in lieu thereof; apprehension and delivery of deserters and stragglers, and for railway guides and other expenses incident to transportation; expenses of recruiting for the naval service; rent of rendezvous and expenses of maintaining the same; advertising for and obtaining men and apprentice seamen; actual and necessary expenses in lieu of mileage to officers on duty with traveling recruiting parties; transportation of dependents of officers and enlisted men; in all, [$4,535,250] *$4,350,000*.		
In all, for pay, subsistence, and transportation of naval personnel, [$148,092,927] *$149,250,000*, of which sum $500,000 shall be available immediately; and the money herein specifically appropriated for "Pay, subsistence, and transportation of naval personnel," shall be disbursed and accounted for in accordance with existing law and shall constitute one fund: *Provided*, That additional commissioned, warranted, appointed, enlisted, and civilian personnel of the medical department of the Navy, required for the care of patients of the United States Veterans' Bureau in naval hospitals, may be employed in addition to the numbers appropriated for in this act: *Provided further*, That no part of this appropriation shall be available for the pay of any midshipman whose admission subsequent to January 3, 1927, would result in exceeding at any time an allowance of three midshipmen for each Senator, Representative, and Delegate in Congress; of one midshipman for Porto Rico, a native of the island, appointed on nomination of the governor, and of three midshipmen from Porto Rico, appointed on nomination of the Resident Commissioner; and of two midshipmen for the District of Columbia: *Provided further*, That nothing herein shall be construed to repeal or modify in any way existing laws relative to the appointment of midshipmen at large, from the enlisted personnel of the naval service or from the Naval Reserve (*act Mar. 2, 1927, vol. 44, p. 1285*)	$149, 250, 000. 00	$148, 092, 927. 00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
06	Travel expenses	$4, 278, 400	$4, 449, 150	$4, 523, 400
09	Advertising and publication of notices	2, 000	2, 000	
14	Maintenance and operation of shore stations	32, 369, 600	31, 884, 100	30, 373, 545
15	Maintenance and operation of fleet	86, 706, 473	86, 457, 858	84, 223, 940
16	Miscellaneous operating charges	19, 134, 000	19, 000, 000	17, 644, 552
21	Retirement pay	7, 260, 820	6, 801, 112	6, 138, 055
		149, 751, 293	148, 594, 220	142, 903, 492
	Deduct amount received from medical and hospital services, United States Veterans' Bureau	501, 293	501, 293	480, 580
				142, 422, 912
	Add amount transferred to Department of Agriculture			72, 673
	Unobligated balance			1, 238, 915
	Total	149, 250, 000	148, 092, 927	143, 734, 500

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Maintenance, Bureau of Supplies and Accounts—		
[For fuel; the removal and transportation of ashes and garbage from ships of war; books, blanks, and stationery, including stationery for commanding and navigating officers of ships, chaplains on shore and afloat, and for the use of courts-martial on board ships; purchase, repair, and exchange of typewriters for ships; packing boxes and materials; interior fittings for general storehouses, pay offices, and accounting offices in navy yards; expenses of disbursing officers; coffee mills and repair thereto; expenses of naval clothing factory and machinery for the same; laboratory equipment; purchase of articles of equipage at home and abroad under the cognizance of the Bureau of Supplies and Accounts, and for the payment of labor in equipping vessels therewith, and the manufacture of such articles in the several navy yards; musical instruments and music; mess outfits; soap on board naval vessels; tolls, ferriage, yeomen's stores, safes, and other incidental expenses; all freight and express charges pertaining to the Navy Department and its bureaus; labor in general storehouses, paymasters' offices, and accounting offices in navy yards and naval stations, including naval stations maintained in island possessions under the control of the United States, and expenses in handling stores purchased and manufactured under "the naval supply account fund";] *For equipage, supplies and services under the cognizance of the Bureau of Supplies and Accounts, including stationery for commanding, executive and navigating officers of ships, boards and courts on ships, and chaplains; services of civilian employees under the cognizance of the Bureau of Supplies and Accounts; freight, express, and parcel-post charges pertaining to the Navy Department and Naval Establishment* [in all, $9,778,000], *$9,862,000: Provided,* That the sum to be paid out of this appropriation, under the direction of the Secretary of the Navy, for chemists and for clerical, inspection, and messenger service in the supply and accounting departments of the navy yards, [and] naval stations, *and the Naval Observatory,* and disbursing offices for the fiscal year ending June 30, [1928] *1929,* shall not exceed [$2,800,000] *$2,975,000 (act Mar. 2, 1927, vol. 44, p. 1287)*	$9, 862, 000. 00	$9, 778, 000. 00
The clothing and small-stores fund shall be charged with the value of all issues of clothing and small stores made to enlisted men of the Naval Reserve and the uniform gratuity paid to officers of the Naval Reserve: *Provided, That the cost of printing a Federal standard stock catalogue, and changes therein, when compiled and adopted by such Federal agency as may be designated by the President, shall be charged to the "Naval Supply Account Fund" and this fund shall be reimbursed, when copies are issued to the several departments and establishments, from the appropriations available for the procurement of supplies.*		

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
07	Transportation of things	$1,777,000	$1,820,000	$1,814,365
12	Repairs to ships' equipage	20,000	20,000	23,317
14	Maintenance and operation of shore stations	7,159,000	7,050,000	6,796,673
15	Maintenance and operation of fleet	386,000	380,000	382,785
16	Miscellaneous operating charges	215,100	203,100	212,290
30	Equipage for naval vessels	160,000	160,000	160,653
32	Additions and improvements to shore stations	73,000	73,000	77,970
		9,790,100	9,706,100	9,468,053
	Add amounts transferred to Department of Agriculture	71,900	71,900	
	Unobligated balance			31,947
	Total	9,862,000	9,778,000	9,500,000

Fuel and Transportation, Bureau of Supplies and Accounts—		
For coal and other fuel for *submarine bases and* steamers' and ships' use, including expenses of transportation, storage, and handling the same *and the removal of fuel refuse from ships*; maintenance and general operation of machinery of naval fuel depots and fuel plants; water for all purposes on board naval vessels, and ice for the cooling of water, including the expense of transportation and storage of both, [$12,000,000] *$10,690,000: Provided,* That fuel acquired other than by purchase shall not be issued without charging the applicable appropriation with the cost of such fuel at the rate current at the time of issue for fuel purchased: *Provided further,* That the President may direct the use, wholly or in part, of fuel on hand, however acquired, to be charged at the last issue rate for fuel acquired by purchase, when, in his judgment, prices quoted for supplying fuel are excessive *(act Mar. 2, 1927, vol. 44, p. 1288)*	10, 690, 000. 00	12, 000, 000. 00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

Geoeral object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Fuel and Transportation, Bureau of Supplies and Accounts—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
14	Maintenance and operation of shore stations	$940,842	$940,000	$881,979
15	Maintenance and operation of fleet	9,692,796	10,903,000	11,035,642
16	Miscellaneous operating charges	6,362	7,000	23,324
30	Equipage of vessels	50,000	50,000	112,000
32	Additions and improvements to shore stations			475
			11,900,000	12,053,420
	Reserve		100,000	
	Unobligated balaoce			1,896,580
	Total	10,690,000	12,000,000	13,950,000

Salaries, Bureau of Supplies and Accounts—

Salaries, Navy Department: For personal services in the District of Columbia, in accordance with the classification act of 1923 (*U. S. C., p. 52, sec. 429; act Mar. 2, 1927, vol. 44, p. 1288*) $793,800.00 $793,800.00

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Departmental service:						
	Salaries—						
	Clerical, administrative, and fiscal service—						
	Grade 12, $5,200 to $6,000; average, $5,600—	*Average—*		*Average—*		*Average—*	
	Senior administrative officer (special assistant to Paymaster General of the Navy)	*No.* 1	*Salary* $5,800	*No.* 1	*Salary* $5,800	*No.* 1	*Salary* $5,800
	Grade 11, $3,800 to $5,000; average, $4,400—						
	Assistant chief accountant and auditor	2	4,600	2	4,600	2	4,600
	Grade 9, $3,000 to $3,600; average, $3,300—						
	Administrative officer (civilian assistant, chief of division)	2	3,400	2.1	3,380	3	3,233
	Grade 8, $2,700 to $3,300; average, $3,000—						
	Administrative assistant (chief of division)	7	2,971	7	2,971	6.4	2,968
	Grade 7, $2,400 to $3,000; average, $2,700—						
	Junior administrative assistant (chief of division)	4	2,600	4	2,600	3.8	2,673
	Senior transportation rate and traffic auditor	4	2,500	4	2,500	3.2	2,523
	Grade 6, $2,100 to $2,700; average, $2,400—						
	Principal clerk (chief of section; assistant chief of section)	14	2,379	15	2,360	14.5	2,381
	Transportation rate and traffic auditor	5	2,340	5	2,340	5	2,340
	Grade 5, $1,860 to $2,400; average, $2,111.42—						
	Senior clerk	25	2,092	23	2,112	23.3	2,109
	Head stenographer	1	2,200	1	2,200	1	2,100
	Senior transportation rate and traffic clerk	5	2,052	5	2,052	6	2,050
	Grade 4, $1,680 to $2,040; average, $1,860—						
	Clerk	55	1,802	59	1,822	56.5	1,822
	Principal stenographer	1	1,860	1	1,860	1	1,860
	Transportation rate and traffic clerk	5	1,788	4	1,800	4	1,800
	Head operator, office devices	1	1,800	2	1,860	2	1,800
	Grade 3, $1,500 to $1,860; average, $1,680—						
	Assistant clerk	150	1,613	141.9	1,639	140	1,640
	Senior stenographer	7	1,586	3	1,680	5	1,678
	Assistant clerk-stenographer	16	1,650	14	1,705	13.4	1,685
	Junior transportation rate and traffic clerk	1	1,560	1	1,560	1	1,560
	Senior operator, office devices	2	1,740	2	1,740	2	1,740
	Grade 2, $1,320 to $1,680; average, $1,500—						
	Junior clerk	53	1,495	55	1,513	58.7	1,506
	Senior typist	8	1,365	8	1,425	7.2	1,440
	Junior stenographer	12	1,430	15	1,456	16.9	1,442
	Junior clerk-typist	20	1,464	17	1,514	19.3	1,513
	Junior clerk-stenographer	4	1,440	8	1,492	7.1	1,474
	Junior operator, office devices	7	1,389	6	1,400	3.6	1,420
	Grade 1, $1,140 to $1,500; average, $1,320—						
	Underclerk	23	1,341	20.9	1,342	23.3	1,356
	Junior typist	3	1,240	3	1,240	2.9	1,242
	Underclerk-typist	3	1,280	3	1,280	3.5	1,306
	Underoperator, office devices	9	1,246	9	1,246	8.8	1,248
	Custodial service—						
	Grade 3, $1,020 to $1,260; average, $1,140—						
	Messenger	20	1,095	23	1,085	23.4	1,090
	Grade 1, $600 to $780; average, $690—						
	Junior messenger	2	600	2	600	2	606
	Total average number of employees	472		466.9		470.8	
01	Total salaries, departmental service		793,800.00		793,800.00		797,767.12
	Unobligated balance						12,232.88
	Total		793,800.00		793,800.00		810,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Ships' Stores Profits, Navy—		
Profits on certain sales, to be expended for the recreation and amusement of the enlisted force of the Navy (*U. S. C., p. 1123, secs. 533, 542*)	$300,000.00	$310,000.00
16 Miscellaneous operating charges: Expenditures—1929, $300,000; 1928, $310,000, 1927, $303,626.		
Trust fund:		
Pay of the Navy, Deposit Fund—		
That any enlisted man or appointed petty officer of the Navy may deposit his savings, in sums not less than $5, with the paymaster upon whose books his account is borne; and he shall be furnished with a deposit book, in which the said paymaster shall note, over his signature, the amount, date, and place of such deposit. The money so deposited shall be accounted for in the same manner as other public funds, and shall pass to the credit of the appropriation for "Pay of the Navy," and shall not be subject to forfeiture by sentence of court-martial, but shall be forfeited by desertion, and shall not be permitted to be paid until final payment on discharge, or to the heirs or representatives of a deceased sailor, and that such deposit be exempt from liability for such sailor's debts: *Provided*, That the Government shall be liable for the amount deposited to the person so depositing the same.		
That for any sums not less than $5 deposited for the period of six months or longer, the sailor, on his final discharge, shall be paid interest at the rate of 4 per cent per annum (*U. S. C., pp. 1142, 1143, secs. 933, 934*)	22,500.00	50,000.00
5220 Repayments of deposits of personal funds made by soldiers, sailors, and marines: Expenditures—1929, $22,500; 1928, $50,000; 1927, $28,260.		
Miscellaneous Indefinite Appropriations—		
Indemnity to seamen and marines for lost clothing (*U. S. C., p. 1022, sec. 711*) Indemnity for lost property (*U. S. C., p. 1184, sec. 981*)	50.00	50.00
16 Miscellaneous operating charges: Expenditures—1929, $50; 1928, $50.		
Total, Bureau of Supplies and Accounts	170,918,350.00	171,024,777.00
BUREAU OF MEDICINE AND SURGERY		
Medical Department—		
For surgeon's necessaries for vessels in commission, navy yards, naval stations, and Marine Corps; and for the civil establishment at the several naval hospitals, navy yards, naval medical supply depots, Naval Medical School and dispensary, Washington, and Naval Academy; for tolls and ferriages; purchase of books and stationery; hygienic and sanitary investigation and illustration; sanitary, hygienic, administrative, and special instruction, including the issuing of naval medical bulletins and supplements; purchase and repairs of nonpassenger-carrying wagons, automobile ambulances, and harness; purchase of and feed for horses and cows; maintenance, repair, and operation of three passenger-carrying motor vehicles for naval dispensary, Washington, District of Columbia, and of one motor-propelled vehicle for official use only for the medical officer on out-patient medical service at the Naval Academy; trees, plants, care of grounds, garden tools, and seeds; incidental articles for the Naval Medical School and naval dispensary, Washington, naval medical supply depots, sick quarters at Naval Academy and marine barracks; washing for medical department at Naval Medical School and naval dispensary, Washington, naval medical supply depots, sick quarters at Naval Academy and marine barracks, dispensaries at navy yards and naval stations, and ships; and for minor repairs on buildings and grounds of the United States Naval Medical School and naval medical supply depots; rent of rooms for naval dispensary, Washington, District of Columbia, not to exceed $1,200; for the care, maintenance, and treatment of the insane of the Navy and Marine Corps on the Pacific coast, including supernumeraries held for transfer to the Government Hospital for the Insane; for dental outfits and dental material; and all other necessary contingent expenses; in all, [$2,012,000] *$2,030,000*: *Provided*, That the sum to be paid out of this appropriation, under the direction of the Secretary of the Navy, for clerical service in naval hospitals, dispensaries, medical supply depots, and Naval Medical School, for the fiscal year ending June 30, [1928] *1929*, shall not exceed $150,000 (*U. S. C., p. 52, sec. 429; act Mar. 2, 1927, vol. 44, p. 1288*)	2,030,000.00	2,012,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Medical Department—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
14 Maintenance and operation of shore stations	$2,174,650	$2,158,175	$2,078,082
15 Maintenance and operation of fleet	187,200	179,310	167,968
16 Miscellaneous operating charges	30,400	29,736	17,899
30 Equipage of naval vessels	50,000	50,000	64,555
32 Additions and improvements to shore stations	124,750	131,779	174,687
			2,503,191
Unobligated balance			83,561
	2,567,000	2,549,000	2,586,752
Deduct amount received from medical and hospital services, United States Veterans' Bureau	537,000	537,000	606,752
Total	2,030,000	2,012,000	1,980,000

Care of the Dead—

For the care of the dead; for funeral expenses and interment or transportation to their homes or to designated cemeteries of the remains of officers (including officers who die within the United States) and enlisted men of the Navy and Marine Corps, of members of the Nurse Corps, reservists on active or training duty, and accepted applicants for enlistment, civilian employees of the Navy Department and Naval Establishment who die outside of the continental limits of the United States, and former enlisted men who are discharged while in naval hospitals and are inmates of said hospitals on the date of their death; for funeral expenses and interment of the remains of pensioners and destitute patients who die in naval hospitals; for purchase and care of cemetery lots; for removal of remains from abandoned cemeteries to naval or national cemeteries, or to their homes, including remains interred in isolated graves at home and abroad, and remains temporarily interred, [$75,000] *$60,000*: *Provided*, That the above provision shall apply in the case of officers and enlisted men of the Navy and Marine Corps on the retired list who die while on active duty (*U. S. C., p. 52, sec. 429; act Mar. 2, 1927, vol. 44, p. 1289*) $60,000.00 $75,000.00

22 Burial expenses: Expenditures—1929, $60,000; 1928, $75,000; 1927, $84,855.

Salaries, Bureau of Medicine and Surgery—

Salaries, Navy Department: For personal services in the District of Columbia, in accordance with the classification act of 1923 (*U. S. C., p. 52, sec. 429; act Mar. 2, 1927, vol. 44, p. 1289*) 72,360.00 71,960.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Clerical, administrative, and fiscal service—	*Average*—		*Average*—		*Average*—	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 10, $3,300 to $3,900; average, $3,600—						
Junior administrative officer (chief clerk)	1	$3,700	1	$3,700	1	$3,658
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant (assistant chief clerk)	1	2,800	1	2,800	1	2,758
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk (chief of section)	2	2,350	2	2,350	2	2,342
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	5	2,008	5	2,008	3	2,107
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	4	1,755	4	1,755	4.8	1,804
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	6	1,620	6	1,620	4.8	1,628
Assistant clerk-stenographer	11	1,587	11	1,562	10.5	1,605
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	2	1,380	1	1,440	3.4	1,521
Senior typist	1	1,440	1	1,440	1	1,415
Junior clerk-stenographer					0.6	1,380
Junior clerk-typist	2	1,440	2	1,440	1.5	1,387
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	4	1,365	5	1,332	5.2	1,313
Underclerk-typist					0.8	1,140
Custodial service—						
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger	4	1,095	4	1,095	4	1,095
Total average number of employees	43		43		43.6	
01 Total salaries, departmental service		72,360		71,960		72,172
Unobligated balance						1,218
Total		72,360		71,960		73,400

The difference between 1929 and 1928 is due to increase in salaries, $400.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Naval Hospital Fund, Special Fund— Indefinite appropriation of the hospital tax of 20 cents per month collected from the officers and men of the Navy and of the pensions of the inmates of the Naval Home at Philadelphia, Pennsylvania, together with the balance of fines and forfeitures imposed by naval courts-martial not needed for transportation, and so forth, of discharged prisoners to their homes (*R. S., p. 941, secs. 4808, 4809; acts Mar. 2, 1799, vol. 1, p. 729; Feb. 26, 1811, vol. 2, p. 650; June 7, 1900, vol. 31, p. 697; U. S. C., p. 671, secs. 3, 4, 5, 6*)	$1,000,000.00	$1,000,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
14	Maintenance and operation of shore stations	$1,794,707	$1,794,707	$1,622,669
	Deduct amounts received from the following sources:			
	Medical and hospital services, United States Veterans' Bureau	705,707	705,707	634,171
	From revenues collected	89,000	89,000	87,436
	Total amounts received	794,707	794,707	721,607
	Net total	1,000,000	1,000,000	901,062

Total, Bureau of Medicine and Surgery 3,162,360.00 3,158,960.00

BUREAU OF YARDS AND DOCKS

Maintenance, Bureau of Yards and Docks—
For the labor, materials, and supplies necessary, as determined by the Secretary of the Navy, for the general maintenance of the activities and properties now or hereafter under the cognizance of the Bureau of Yards and Docks, including the purchase, exchange (including parts), maintenance, repair, and operation of passenger-carrying vehicles for the Navy Department (not to exceed [eight] *nine* in number) and the Naval Establishment not otherwise provided for, and including not to exceed [$975,000] *$1,000,000* for clerical, inspection, drafting, messenger, and other classified work in the field, [$7,000,000] *$7,500,000*: *Provided*, That during the fiscal year [1928] *1929* the Secretary of the Navy is authorized to purchase not more than [eight] *six* passenger-carrying motor-propelled vehicles, to cost not to exceed $2,000 each, [eight] *six* passenger-carrying motor-propelled vehicles, to cost not to exceed $1,500 each, [and twelve] *ten* passenger-carrying motor-propelled vehicles, to cost not to exceed $650 each, *and twelve passenger-carrying motor cycles to cost not to exceed $450 each*, and the Secretary of the Navy shall sell, or exchange in part payment for such new vehicles, not less than a corresponding number of motor-propelled passenger-carrying vehicles in use and of makes which now cost in excess of $2,000 per vehicle to replace for each new car purchased costing $1,200 or more: *Provided further*, That expenditures from appropriations contained in this act for the maintenance, operation, and repair of motor-propelled passenger-carrying vehicles, including the compensation of operators, shall not exceed in the aggregate [$95,000] *$110,000*, exclusive of such vehicles owned and operated by the Marine Corps in connection with expeditionary duty without the continental limits of the United States, and on any one vehicle shall not exceed for maintenance, upkeep, and repair, exclusive of garage rent, pay of operator, fuel and lubricants, one-third of the market price of a new vehicle of the same make or class, and in any case more than $500 (*U. S. C., p. 52, sec. 429; act Mar. 2, 1927, vol. 44, p. 1289*) 7,500,000.00 7,000,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
14	Maintenance and operation of shore stations	$6,690,000	$6,250,000	$6,605,171
32	Additions and improvements to shore stations	810,000	750,000	389,640
				6,994,811
	Unobligated balance			5,189
	Total	7,500,000	7,000,000	7,000,000

In accordance with section 5 of the act approved July 16, 1914 (38 Stat., p. 508) the bureau estimates that not exceeding $142,900 will be required for the purchase, maintenance, repair, and operation of motor-propelled passenger-carrying vehicles during the fiscal year 1929, as follows:

Purchase of vehicles to replace vehicles now in service as required:	
Not to exceed 6 automobiles, at $2,000	$12,000
Not to exceed 6 automobiles, at $1,500	9,000
Not to exceed 10 automobiles, at $650	6,500
Not to exceed 12 passenger motor cycles, at $450	5,400
Maintenance, operation, and repair	110,000
Total	142,900

or as much thereof as may be required.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Statement of passenger-carrying motor-propelled vehicles in service, August 31, 1927, for officials and employees of activities stated

[Includes all authorized changes]

Place	Activity	Number	Vehicle
Anacostia, D. C	Naval air station	1	7-passenger automobile.
Annapolis, Md	Naval Academy	1	Do.
Do	do	2	5-passenger automobile.
Do	do	2	2-passenger automobile.
Asiatic Fleet	Commander in chief	1	7-passenger automobile.
Balboa, Canal Zone	Fifteenth district	1	5-passenger automobile.
Battle Fleet	Commander in chief	1	7-passenger automobile.
Do		1	2-passenger motor cycle.
Bellevue, D. C	Research Laboratory	1	5-passenger automobile.
Berlin, Germany	Naval attaché	1	7-passenger automobile.
Boston, Mass	Navy yard	1	Do.
Do	do	3	5-passenger automobile.
Do	Recruiting station	1	2-passenger motor cycle.
Brooklyn, N. Y	Naval supply depot	1	5-passenger automobile.
Buffalo, N. Y	Recruiting station	1	2-passenger motor cycle.
Casper, Wyo	Oil reserve	1	5-passenger automobile.
Cavite, P. I	Naval station	1	7-passenger automobile.
Do	do	3	5-passenger automobile.
Charleston, S. C	Navy yard	1	7-passenger automobile.
Do	do	2	5-passenger automobile.
Chicago, Ill	Recruiting station	1	2-passenger motor cycle.
Coco Solo, Canal Zone	Naval air station	1	5-passenger automobile.
Do	do	1	12-passenger bus.
Do	Submarine base	1	5-passenger automobile.
Do	do	1	14-passenger bus.
Dahlgreu, Va	Naval Proving Grouud	1	7-passenger automobile.
Do	do	2	5-passenger automobile.
Do	do	2	2-passenger motor cycle.
Dallas, Tex	Recruiting station	1	Do.
European waters	Force commander	1	7-passenger automobile.
Great Lakes, Ill	Naval training station	1	Do.
Do	do	2	5-passenger automobile.
Guam	Naval station	3	Do.
Guantanamo, Cuba	do	3	Do.
Hampton Roads, Va	Naval operating base	1	7-passenger automobile.
Do	do	6	5-passenger automobile.
Hingham, Mass	Naval ammunition depot	1	Do.
Houston, Tex	Recruiting station	1	2-passenger motor cycle.
Indian Head, Md	Naval powder factory	1	7-passenger automobile.
Do	do	1	5-passenger automobile.
Kansas City, Mo	Recruiting station	1	2-passenger motor cycle.
Keyport, Wash	Torpedo station	1	5-passenger automobile.
Key West, Fla	Naval station	1	Do.
Lake Denmark, N. J	Naval ammunition depot	3	Do.
Lakehurst, N. J	Naval air station	2	Do.
Little Rock, Ark	Recruiting station	1	1-passenger motor cycle.
London, England	Naval attaché	1	7-passenger automobile.
Los Angeles, Calif	Oil reserve	1	5-passenger automobile.
Mare Island, Calif	Navy yard	1	7-passenger automobile.
Do	do	2	5-passenger automobile.
Do	do	1	16-passenger bus.
Do	Ammunition depot	1	5-passenger automobile.
Do	do	1	2-passenger motor cycle.
New London, Conn	Submarine base	2	5-passenger automobile.
New Orleans, La	Naval station	1	Do.
Newport, R. I	Naval War College	1	7-passenger automobile.
Do	do	1	5-passenger automobile.
Do	Naval station	2	Do.
Do	Torpedo station	1	5-passenger automobile.
Do	Naval training station	1	7-passenger automobile.
New York, N. Y	Navy yard and district	2	Do.
Do	do	5	5-passenger automobile.
Do	do	1	2-passenger motor cycle.
Do	do	1	15-passenger bus.
Norfolk, Va	Navy yard	1	7-passenger automobile.
Do	do	6	5-passenger automobile.
Do	Naval hospital	2	Do.
Omaha, Nebr	Recruiting station	1	1-passenger motor cycle.
Paris, France	Naval attaché	1	7-passenger automobile.
Pearl Harbor, Hawaii	Navy yard	1	Do.
Do	do	8	5-passenger automobile.
Do	do	1	1-passenger motor cycle.
Pensacola, Fla	Naval air station	3	5-passenger automobile.
Do	do	1	1-passenger motor cycle.
Philadelphia, Pa	Navy yard	1	7-passenger automobile.
Do	do	3	5-passenger automobile.
Do	do	1	26-passenger bus.
Do	do	1	8-passenger bus.
Do	do	2	2-passenger motor cycle.
Do	Aircraft factory	1	7-passenger automobile.
Do	Naval home	1	5-passenger automobile.
Port-au-Prince, Haiti	Aviation squadron	1	Do.
Portsmouth, N. H	Navy yard	2	7-passenger automobile.
Providence, R. I	Recruiting station	1	2-passenger motor cycle.
Puget Sound, Wash	Navy yard	2	7-passenger automobile.
Do	do	2	5-passenger automobile.
Quantico, Va	Aviation group	2	Do.
Do	do	2	2-passenger motor cycle.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Statement of passenger-carrying motor-propelled vehicles in service, August 31, 1927, for officials and employees of activities stated—Continued

[Includes all authorized changes]

Place	Activity	Number	Vehicle
Raleigh, N. C.	Recruiting station	1	2-passenger motor cycle.
Rome, Italy	Naval attaché	1	5-passenger automobile.
St. Juliens Creek, Va.	Ammunition depot	1	Do.
St. Thomas, Virgin Islands	Naval station	1	7-passenger automobile.
Do.	do	4	5-passenger automobile.
Do.	do	1	2-passenger motor cycle.
San Diego, Calif.	Naval district	1	7-passenger automobile.
Do.	do	2	5-passenger automobile.
Do.	Training station	1	Do.
Do.	Naval destroyer base	1	Do.
Do.	Naval hospital	3	2-passenger automobile.
Do.	Naval air station	2	5-passenger automobile.
Do.	do	1	8-passenger bus.
Do.	do	1	1-passenger motor cycle.
Do.	Public works department	2	5-passenger automobile.
San Francisco, Calif.	Naval district	2	7-passenger automobile.
San Pedro, Calif.	Inspector, naval material	1	5-passenger automobile.
Scouting fleet	Commander	1	7-passenger automobile.
South Charleston, W. Va.	Naval ordnance plant	1	Do.
Special service squadron	Commander	1	Do.
Springfield, Mass.	Recruiting station	1	2-passenger motor cycle.
Taft, Calif.	Oil reserve	1	5-passenger automobile.
Tokyo, Japan	Naval attaché	1	7-passenger automobile.
Tutuila, Samoa	Naval station	2	5-passenger automobile.
United States Fleet	Commander in chief	1	7-passenger automobile.
Washington, D. C.	Departmental garage	5	Do.
Do.	do	3	5-passenger automobile.
Do.	Naval dispensary	3	Do.
Do.	Naval Observatory	1	Do.
Do.	Navy yard	3	7-passenger automobile.
Do.	do	2	5-passenger automobile.
Yorktown, Va.	Navy mine depot	3	Do.
MARINE CORPS SERVICE			
Annapolis, Md.	Marine barracks, Naval Academy.	1	5-passenger automobile.
Boston, Mass.	Marine barracks, navy yard	1	Do.
Charleston, S. C.	do	1	Do.
Dover, N. J.	Marine barracks, naval ammunition depot.	1	Do.
Hampton Roads, Va.	Depot of supplies	1	Do.
Do.	Marine barracks, naval operating base.	1	Do.
Lakehurst, N. J.	Marine barracks, naval air station.	1	Do.
Mare Island, Calif.	Marine barracks, navy yard	1	Do.
New York, N. Y.	do	2	Do.
Norfolk, Va.	do	1	Do.
Parris Island, S. C.	Marine barracks	1	7-passenger automobile.
Do.	do	4	5-passenger automobile.
Philadelphia, Pa.	Depot of supplies	1	7-passenger automobile.
Do.	do	1	5-passenger automobile.
Do.	Marine barracks, navy yard	1	Do.
Portsmouth, N. H.	do	1	Do.
Puget Sound, Wash.	do	1	Do.
Quantico, Va.	Marine barracks	2	7-passenger automobile.
Do.	do	4	5-passenger automobile.
Do.	do	2	2-passenger motor cycle.
San Diego, Calif.	Marine Corps base, naval operating base.	2	5-passenger automobile.
Do.	do	1	2-passenger motor cycle.
San Francisco, Calif.	Commanding general, department of Pacific.	1	7-passenger automobile.
Washington, D. C.	Headquarters, Marine Corps	3	Do.
Do.	do	2	5-passenger automobile.
Do.	do	1	2-passenger motor cycle.
Yorktown, Va.	Marine barracks, naval mine depot.	1	5-passenger automobile.
Cavite, P. I.	Marine barracks, naval station	1	2-passenger motor cycle.
Do.	do	1	5-passenger automobile.
Guantanamo Bay, Cuba	do	1	Do.
Guam	do	4	Do.
Do.	do	2	2-passenger motor cycle.
Haiti	Marine detachments	7	Do.
Do.	do	2	7-passenger automobile.
Do.	do	11	5-passenger automobile.
Pearl Harbor	Marine barracks, naval station	1	Do.
Peking, China	Marine detachment, American legation.	2	Do.
Do.	do	1	2-passenger motor cycle.
China	Expeditionary	14	5-passenger automobile.
Do.	do	1	4-passenger automobile.
Nicaragua	do	10	5-passenger automobile.
Do.	do	8	2-passenger motor cycle.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Contingent, Bureau of Yards and Docks—		
For contingent expenses and minor extensions and improvements of public works at navy yards and stations (*U. S. C., p. 52, sec. 429; act Mar. 2, 1927, vol. 44, p. 1290*)	$125,000.00	$125,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
14	Maintenance and operation of shore stations	$100,000	$100,000	$114,700
32	Additions and improvements to shore stations	25,000	25,000	10,098
				124,798
	Unobligated balance			202
	Total	125,000	125,000	125,000

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Salaries, Bureau of Yards and Docks—		
Salaries, Navy Department: For personal services in the District of Columbia, in accordance with the classification act of 1923 (*U. S. C., p. 52, sec. 429; act Mar. 2, 1927, vol. 44, p. 1290*)	258,000.00	258,000.00

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Departmental service:						
	Salaries—						
	Clerical, administrative, and fiscal service—	*Average*—		*Average*—		*Average*—	
	Grade 12, $5,200 to $6,000; average, $5,600—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Senior administrative officer	1	$5,200	1	$5,200	0.5	$5,200
	Grade 11, $3,800 to $5,000; average, $4,400—						
	Administrative officer					0.5	4,600
	Grade 9, $3,000 to $3,600; average, $3,300—						
	Senior administrative assistant	1	3,400	1	3,400	1	3,308
	Grade 6, $2,100 to $2,700; average, $2,400—						
	Principal clerk	3	2,233	3	2,233	3	2,244
	Grade 5, $1,860 to $2,400; average, $2,111.42—						
	Senior clerk	1	2,200	1	2,200	1	2,100
	Grade 4, $1,680 to $2,040; average, $1,860—						
	Clerk	4	1,860	4	1,860	4	1,860
	Clerk-stenographer	1	1,980	1	1,980	1	1,980
	Head operator, office devices	1	1,740	1	1,740	1	1,740
	Grade 3, $1,500 to $1,860; average, $1,680—						
	Senior stenographer	12	1,650	12	1,650	11.1	1,609
	Assistant clerk	5	1,584	5	1,584	3.4	1,653
	Grade 2, $1,320 to $1,680; average, $1,500—						
	Senior typist	1	1,560	1	1,560	1	1,560
	Junior stenographer	1	1,620	1	1,620	1	1,560
	Junior clerk-typist	4	1,515	4	1,515	4.5	1,524
	Junior clerk	3	1,400	3	1,400	3.1	1,380
	Junior operator, office devices	1	1,440	1	1,440	1	1,440
	Grade 1, $1,140 to $1,500; average, $1,320—						
	Underclerk	2	1,330	2	1,330	1	1,260
	Underoperator, office devices	2	1,380	2	1,380	2	1,380
	Professional and scientific service—						
	Grade 5, $5,200 to $6,000; average, $5,600—						
	Senior engineer	5	5,280	5	5,280	5	5,224
	Grade 4, $3,800 to $5,000; average, $4,400—						
	Attorney	1	4,200	1	4,200	1	4,058
	Engineer	9	4,067	9	4,067	7.8	3,951
	Grade 3, $3,000 to $3,600; average, $3,300—						
	Associate engineer	17	3,288	17	3,288	14.6	3,255
	Grade 2, $2,400 to $3,000; average, $2,700—						
	Assistant engineer	12	2,579	12	2,579	10.9	2,611
	Grade 1, $1,860 to $2,400; average, $2,111.42—						
	Junior engineer	1	1,860	1	1,860	0.2	1,860
	Subprofessional service—						
	Grade 8, $2,400 to $3,000; average, $2,700—						
	Chief engineering aid	2	2,700	2	2,700	1.4	2,650
	Chief engineering draftsman					1.7	2,667
	Grade 5, $1,680 to $2,040; average, $1,860—						
	Engineering draftsman	4	1,800	4	1,800	3.2	1,753
	Grade 4, $1,500 to $1,860; average, $1,680—						
	Assistant engineering draftsman	1	1,500	1	1,500	1.2	1,610
	Grade 3, $1,320 to $1,680; average, $1,500—						
	Junior engineering draftsman	2	1,440	2	1,440	1.6	1,492
	Custodial service—						
	Grade 3, $1,020 to $1,260; average, $1,140—						
	Messenger	6	1,071	7	1,071	6.5	1,053
	Grade 2, $900 to $1,140; average, $1,020—						
	Junior laborer	2	1,020	2	1,020	2	1,020
	Grade 1, $600 to $780; average, $690—						
	Junior messenger					0.4	660
	Total average number of employees	105		105		97.6	
01	Total salaries, departmental service		258,000		258,000		236,268
	Unobligated balance						1,732
	Total		258,000		258,000		238,000

	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Total, Bureau of Yards and Docks, exclusive of public works	7,883,000.00	7,383,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object		Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
PUBLIC WORKS, BUREAU OF YARDS AND DOCKS			
Navy Yard, Portsmouth, N. H.—			
Improvement of power plant (act Feb. 11, 1925, vol. 43, p. 876) (submitted)		$75,000.00	
Navy Yard, Boston, Mass.—			
Improvement of water front (act May 21, 1926, vol. 44, p. 608) (submitted)	$77,000.00		
Improvement of power plant (submitted)	90,000.00		
Improvement of electric system for Dry Dock Numbered 3 (submitted)	30,000.00		
		197,000.00	
Navy Yard, New York, N. Y.—			
Improvement of electric systems (act Mar. 2, 1927, vol. 44, p. 1290) (submitted)	75,000.00		
Dredging, to continue (submitted)	60,000.00		
Reconstruction of Dry Dock Numbered 3 (submitted)	200,000.00		
		335,000.00	$157,000.00
Navy Yard, Philadelphia, Pa.—			
Dredging, to continue (act Mar. 2, 1927, vol. 44, p. 1290) (submitted)		100,000.00	375,000.00
Engineering Experimental Station, Annapolis, Md.—			
Replacement of boiler house, boiler and auxiliaries (act May 21, 1926, vol. 44, p. 601) (submitted)		157,000.00	
Navy Yard, Norfolk, Va.—			
Improvement of electric system (act Mar. 2, 1927, vol. 44, p. 1290) (submitted)	75,000.00		
Improvement of blocking, dry docks numbered 3 and 4 (submitted)	55,000.00		
		130,000.00	62,500.00
Navy Yard, Charleston, S. C.—			
Dredging, to continue (act Mar. 2, 1927, vol. 44, p. 1290) (submitted)		36,000.00	36,000.00
Navy Yard, Mare Island, Calif.—			
Dredging, to continue (act Mar. 2, 1927, vol. 44, p. 1290) (submitted)	100,000.00		
Improvement of shipbuilding facilities (submitted)	75,000.00		
Improvement of power plant and distributing systems (submitted)	95,000.00		
		270,000.00	205,000.00
Navy Yard, Puget Sound, Wash.—			
Dredging, to continue (act Mar. 2, 1927, vol. 44, p. 1290) (submitted)	100,000.00		
Improvement of electric system (submitted)	50,000.00		
		150,000.00	300,000.00
Naval Operating Base, Hampton Roads, Va.—			
Rebuilding pier numbered 7 and west breakwater (act Mar. 2, 1927, vol. 44, p. 1290) (submitted)	210,000.00		
Dredging, to continue (submitted)	130,000.00		
		340,000.00	
Naval Station, Guantanamo, Cuba—			
Dredging (act Mar. 2, 1927, vol. 44, p. 1290) (submitted)		30,000.00	100,000.00
Naval Station, Pearl Harbor, Hawaii—			
Improvements to channel and harbor, to continue (act Mar. 2, 1927, vol. 44, p. 1290) (submitted)	1,250,000.00		
Improvement of water front (submitted)	300,000.00		
		1,550,000.00	2,825,000.00
Naval Ammunition Depot, Lake Denmark, N. J.—			
Replacement of two magazine buildings (act Jan. 22, 1923, vol. 42, p. 1148) (submitted)		66,000.00	
Naval Ammunition Depot, Fort Mifflin, Pa.—			
Improvement of lightning protection (act July 11, 1919, vol. 41, p. 144) (submitted)		35,000.00	
Naval Ammunition Depot, St. Juliens Creek, Va.—			
Improvement of lightning protection (act Mar. 4, 1917, vol. 39, p. 1178) (submitted)		55,000.00	
Naval Ammunition Depot, Mare Island, Calif.—			
Improvement to lightning protection and electric system (act July 1, 1922, vol. 42, p. 805) (submitted)		70,000.00	
Naval Training Station, San Diego, Calif.—			
Improvement of mess hall unit (act May 28, 1924, vol. 43, p. 198) (submitted)		65,000.00	
Naval Fuel Depot, Melville, Rhode Island—			
Replacement of boiler plant (act July 1, 1918, vol. 40, p. 726) (submitted)		65,000.00	
Submarine Base, Coco Solo, Canal Zone—			
Improvement to water front (act May 21, 1926, vol. 44, p. 608) (submitted)		200,000.00	
Submarine Base, Pearl Harbor, Hawaii—			
Improvement of distributing system (act Mar. 2, 1927, vol. 44, p. 1291) (submitted)	25,000.00		
Improvement of water front (submitted)	275,000.00		
Improvement of streets, grounds, and tracks (submitted)	50,000.00		
		350,000.00	365,000.00
32 Additions and improvements to shore stations: Expenditures—1929, $4,276,000; 1928, $4,740,500; 1927, $2,681,732.			
Appropriations for 1928 not asked for 1929 (public works)			315,000.00
Total, public works, Bureau of Yards and Docks		4,276,000.00	4,740,500.00
Total, Bureau of Yards and Docks, including public works		12,159,000.00	12,123,500.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
BUREAU OF AERONAUTICS		
Aviation, Navy—		
For aviation, as follows: For navigational, photographic, aerological, radio, and miscellaneous equipment, including repairs thereto, for use with aircraft built or building on June 30, [1927] *1928*, [$914,000] *$1,250,000*; for maintenance, repair, and operation of aircraft factory, air stations, fleet, and all other aviation activities, testing laboratories, [and] for overhauling of planes, *and for the purchase for aviation purposes only of special clothing, wearing apparel, and special equipment*, [$8,050,400] *$9,700,000*, including [$300,000] *$400,000* for the equipment of vessels with catapults and including not to exceed [$300,000] *$400,000* for the procurement of helium, [from the Bureau of Mines,] *of* which *such amounts as may be required* may be transferred in advance [, in amounts as required,] to [that bureau;] *the Bureau of Mines*; for continuing experiments and development work on all types of aircraft, *including the payment of part time or intermittent employment in the District of Columbia or elsewhere of such scientists and technicists as may be contracted for by the Secretary of the Navy, in his discretion, at a rate of pay not exceeding $20 per diem for any person so employed*, [$1,728,600] *$2,000,000*; for drafting, clerical, inspection, and messenger service, [$685,000] *$725,000*; for new construction and procurement of aircraft and equipment, including not to exceed [$345,000] *$635,000* for the Naval Reserve, [$8,522,000] *$16,500,000*, of which amount not to exceed [$4,100,000] *$9,480,000* shall be available for the payment of obligations incurred under the contract authorization for these purposes carried in the Navy appropriation act for the fiscal year [1927] *1928*, approved [May 21, 1926] *March 2, 1927*; toward the construction of one of the rigid airships authorized in Public Act numbered 422 (Sixty-ninth Congress), approved June 24, 1926 (limit of cost $4,500,000), [$200,000] *$1,800,000*; [*Provided*, That in any contract made for the construction of such airship, the Government is to be allowed credit for any savings resulting from the installation of substitute gas cells for gold-beaters' skin;] *for new construction, buildings, and improvements at air stations at a total cost not to exceed $760,000, as follows: Coco Solo, Canal Zone, $570,000 and Sand Point, Washington, $190,000*; in all, [$20,100,000] *$32,735,000*; and the money herein specifically appropriated for "Aviation" shall be disbursed and accounted for in accordance with existing law and shall constitute one fund: *Provided*, That in addition to the amount herein appropriated and specified for expenditure for new construction and procurement of aircraft and equipment, the Secretary of the Navy may, prior to July 1, [1929] *1930*, enter into contracts for the production and purchase of new airplanes and their equipment, spare parts, and accessories, to an amount not in excess of [$9,480,000] *$10,000,000*: *Provided further*, That no part of this appropriation shall be expended for maintenance of more than six heavier-than-air stations on the coasts of the continental United States: *Provided further*, That no part of this appropriation shall be used for the construction of a factory for the manufacture of airplanes: *Provided further*, That the Secretary of the Navy is hereby authorized to consider, ascertain, adjust, determine, and pay out of this appropriation the amounts due on claims for damages which have occurred or may occur to private property growing out of the operations of naval aircraft, where such claim does not exceed the sum of $250: *Provided further*, That all claims adjusted under this authority during the fiscal year shall be reported in detail to the Congress by the Secretary of the Navy (*U. S. C., p. 52, sec. 429; act Mar. 2, 1927, vol. 44, p. 1291*)	$32, 735, 000. 00	$20, 100, 000. 00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
14	Maintenance and operation of shore stations	$7, 585, 800	$6, 365, 400	$5, 369, 510
15	Maintenance and operation of fleet	1, 874, 200	1, 500, 000	1, 350, 000
16	Miscellaneous operating charges	3, 975, 000	3, 327, 600	3, 123, 464
30	Purchase and construction of vessels (aircraft)	18, 300, 000	8, 722, 000	9, 016, 014
32	Additions and improvements to shore stations	760, 000		
	Add amounts transferred to Bureau of Mines, Department of Commerce, for purchase of helium	240, 000	185, 000	191, 772
				19, 050, 760
	Unobligated balance			14, 528
	Total	32, 735, 000	20, 100, 000	19, 065, 288

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Salaries, Bureau of Aeronautics—		
Salaries, Navy Department: For personal services in the District of Columbia, in accordance with the classification act of 1923 (*U. S. C., p. 52, sec. 429; act Mar. 2, 1927, vol. 44, p. 1292*)	$204,800.00	$200,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Clerical, administrative, and fiscal service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 9, $3,000 to $3,600; average, $3,300—						
Senior administrative assistant	3	$3,250	3	$3,250	3	$3,200
Grade 8, $2,700 to $3,300; average, $3,000—						
Administrative assistant	1	2,900	1	2,900	1	2,750
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant	2	2,400	2	2,400	2.1	2,464
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	1	2,200	1	2,200	1	2,125
Grade 5, $1,860 to $2,100; average, $2,111.42—						
Senior clerk	2	1,890	2	1,890	0.2	1,860
Senior clerk-stenographer					0.8	2,100
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	4	1,815	4	1,815	5.7	1,803
Clerk-stenographer	3	1,820	3	1,820	3.3	1,795
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	8	1,613	8	1,613	8.1	1,581
Senior stenographer	12	1,624	11	1,636	9.6	1,586
Assistant clerk-stenographer	2	1,710	2	1,710	2.8	1,614
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	7	1,431	7	1,431	6.2	1,398
Senior typist	4	1,440	4	1,440	4	1,466
Junior stenographer	3	1,360	3	1,360	2.1	1,379
Grade 1, $1,140 to $1,500; average, $1,320—						
Junior typist	1	1,140	1	1,140	1	1,140
Underoperator, office devices	1	1,500	1	1,500	1	1,500
Professional and scientific service—						
Grade 5, $5,200 to $6,000; average, $5,600—						
Senior engineer	2	5,200	2	5,200	2.3	5,200
Grade 4, $3,800 to $5,000; average, $4,400—						
Engineer	5	4,120	5	4,120	4	3,843
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate engineer	9	3,111	9	3,111	8.2	3,098
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant engineer	4	2,500	3	2,533	3	2,586
Grade 1, $1,860 to $2,400; average, $2,111.42—						
Junior engineer	3	1,953	2	2,000	2.4	1,863
Subprofessional service—						
Grade 8, $2,400 to $3,000; average, $2,700—						
Chief engineering draftsman	5	2,700	5	2,700	5	2,685
Grade 6, $1,860 to $2,400; average, $2,111.42—						
Senior engineering draftsman	4	2,050	5	2,040	3.8	2,070
Senior engineering aid	1	2,300	1	2,300	1	2,360
Grade 5, $1,680 to $2,040; average, $1,860—						
Library assistant	1	1,920	1	1,920	1	1,920
Engineering draftsman	1	1,800	1	1,800	1	1,800
Custodial service—						
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger	7	1,106	6	1,120	6.6	1,082
Total average number of employees	96		93		90.2	
01 Total salaries, departmental service		204,800		200,000		189,521
Unobligated balance						1,479
Total		204,800		200,000		191,600
The difference between 1929 and 1928 is due to increase in force, $4,800.						

Total, Bureau of Aeronautics	32,939,800.00	20,300,000.00

NAVAL ACADEMY

Pay, Naval Academy—		
Pay, Naval Academy: Pay for professors and others, Naval Academy: Pay of professors and instructors, including one professor as librarian, [$234,000] *$238,000: Provided*, That not more than $36,500 shall be paid for masters and instructors in swordsmanship and physical training	$238,000.00	
For pay of employees at rates to be fixed by the Secretary of the Navy, [$570,000] (*U. S. C., p. 1147, sec. 1021; p. 1102, sec. 1071; act Mar. 2, 1927, vol. 44, p. 1292*)	574,000.00	
	812,000.00	804,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Pay, Naval Academy—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Field service:			
Total number of employees	169	169	164
01 Total salaries and wages, field service	$812,000	$804,000	$793,344
Unobligated balance			3,516
Total	812,000	804,000	796,860

Current and Miscellaneous Expenses, Naval Academy—

Current and miscellaneous expenses, Naval Academy: For text and reference books for use of instructors; stationery, blank books and forms, models, maps, and periodicals; apparatus and materials for instruction in physical training and athletics; expenses of lectures and entertainments, not exceeding $1,000, including pay and expenses of lecturer; chemicals, philosophical apparatus and instruments, stores, machinery, tools, fittings, apparatus, and materials for instruction purposes, $72,800; for purchase, binding, and repair of books for the library (to be purchased in the open market on the written order of the superintendent), $5,000; for expenses of the Board of Visitors to the Naval Academy, $1,400; for contingencies for the superintendent of the academy, to be expended in his discretion, not exceeding $4,000; for contingencies for the commandant of midshipmen, to be expended in his discretion, not exceeding $1,800; in all, $85,000, to be accounted for as one fund (*U. S. C., p. 1147, sec. 1021; p. 1149, sec. 1081; act Mar. 2, 1927, vol. 44, p. 1292*)—$85,000.00 | $85,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
14 Maintenance and operation of shore stations	$77,800	$77,800	$78,829
16 Miscellaneous operating charges	7,200	7,200	5,418
Unobligated balance			5,753
Total	85,000	85,000	90,000

Maintenance and Repairs, Naval Academy—

Maintenance and repairs, Naval Academy: For necessary repairs of public buildings, wharves, and walls inclosing the grounds of the Naval Academy, improvements, repairs, and fixtures; for books, periodicals, maps, models, and drawings; purchase and repair of fire engines; fire apparatus and plants, machinery; purchase and maintenance of all horses and horse-drawn vehicles for use at the academy, including the maintenance, operation, and repair of three horse-drawn passenger-carrying vehicles to be used only for official purposes; seeds and plants; tools and repairs of the same; stationery; furniture for Government buildings and offices at the academy, including furniture for midshipmen's rooms; coal and other fuels; candles, oil, and gas; attendance on light and power plants; cleaning and clearing up station and care of buildings; attendance on fires, lights, fire engines, fire apparatus, and plants, and telephone, telegraph, and clock systems; incidental labor; advertising, water tax, postage, telephones, telegrams, tolls, and ferriage; flags and awnings; packing boxes, fuel for heating and lighting bandsmen's quarters; pay of inspectors and draftsmen; music and astronomical instruments; and for pay of employees on leave (*U. S. C., p. 1147, sec. 1021; act Mar. 2, 1927, vol. 44, p. 1292*)—1,075,000.00 | 1,000,000.00

14 Maintenance and operation of shore stations: Expenditures—1929, $1,075,000; 1928, $1,000,000; 1927, $1,033,929.

Total, Naval Academy—1,972,000.00 | 1,889,000.00

MARINE CORPS

Pay, Marine Corps—

Pay of officers, active list: For pay and allowances prescribed by law for all officers on the active list—pay and allowances, [$3,592,756] *$3,618,043*; subsistence allowance, [$486,837] *$486,618*; rental allowance, [$659,686] *$658,246*; in all [$4,739,279] (*U. S. C., pp. 1185–1190, secs. 1–31; acts July 11, 1798, vol. 1, p. 594; Mar. 2, 1927, vol. 44, p 1292*)—$4,762,907.00

For pay of officers prescribed by law on the retired list [$558,121] (*same acts*)—591,273.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object		Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Pay, Marine Corps—Continued.			
Pay of enlisted men, active list: For pay and allowances of noncommissioned officers, musicians, and privates, as prescribed by law, and for the expenses of clerks of the United States Marine Corps traveling under orders, and including additional compensation for enlisted men of the Marine Corps qualified as expert riflemen, sharpshooters, marksmen, or regularly detailed as gun captains, gun pointers, cooks, messmen, including interest on deposits by enlisted men, post exchange debts of deserters, and of men discharged or sentenced to terms of imprisonment while in debt to the United States, under such rules as the Secretary of the Navy may prescribe, and the authorized travel allowance of discharged enlisted men, and for prizes for excellence in gunnery exercises and target practice, and for pay of enlisted men designated as Navy mail clerks and assistant Navy mail clerks, both afloat and ashore, and for gratuities to enlisted men discharged not under honorable conditions—pay and allowances, [$7,790,435, and in addition $500,000 is reappropriated of the unobligated balance of the appropriation "Pay, Marine Corps, 1925";] *$8,250,557;* allowance for lodging and subsistence, [$729,856] *$793,875: Provided, That enlisted men entitled to receive allowances for quarters and subsistence shall continue, while their permanent stations remain unchanged, to receive such allowances while sick in hospital or absent from their permanent-duty stations in a pay status: Provided further, That allowances for subsistence shall not accrue to such an enlisted man while he is in fact being subsisted at Government expense;* in all, [$8,520,291] *(U. S. C., pp. 1185–1190, secs. 1–81; acts July 11, 1798, vol. 1, p. 594; Mar. 2, 1927, vol. 44, p. 1292)*	$9,044,432.00		
For pay and allowances prescribed by law of enlisted men on the retired list [$433,034] *(same acts)*	451,177.00		
Undrawn clothing: For payment to discharged enlisted men for clothing undrawn [$225,000] *(same acts)*	200,495.00		
For pay and allowances of the Marine Corps Reserve (a) excluding transferred and assigned men, [$55,000] *$243,684;* (b) transferred men, [$263,675] *$243,532;* (c) assigned men, [$65,000] *$87,500;* in all, [$383,675] *(same acts)*	574,716.00		
For mileage and actual and necessary expenses and per diem in lieu of subsistence as authorized by law to officers traveling under orders without troops *(same acts)*	125,000.00		
In all, [$14,984,400] *$15,750,000,* and the money herein [made available] *specifically appropriated* for pay of the Marine Corps shall be disbursed and accounted for in accordance with existing law and shall constitute one fund		$15,750,000.00	$14,984,400.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Personal services:			
0120	Military, naval and quasi military pay, not specified	$12,557,481	$11,838,203	$11,993,313
0140	Allowances for quarters, heat, light, and other emoluments incident to service	1,144,864	1,146,523	1,128,000
01	Total personal services	13,702,345	12,984,726	13,121,313
03	Subsistence and support of persons (service)	793,875	783,326	796,492
06	Travel expenses	166,830	177,943	150,000
20	Interest	15,000	15,000	14,521
	Pensions, retirement salaries, annuities, World War allowances, and insurance losses:			
2110	Retirement pay (or salaries)	1,042,450	991,155	943,149
2130	Allowances	29,500	32,250	24,525
21	Total pensions, retirement salaries, annuities, World War allowances, and insurance losses	1,071,950	1,023,405	967,674
	Total	15,750,000	14,984,400	15,050,000

Pay of Civil Employees, Marine Corps—			
Pay of civil force: For personal services in the District of Columbia, in accordance with the classification act of 1923, as follows:			
Offices of the major general commandant and adjutant and inspector	$61,390.00		
Office of the paymaster	21,635.00		
Office of the quartermaster	75,275.00		
In all *(act Mar. 2, 1927, vol. 44, p. 1292)*		158,300.00	158,300.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927		Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Pay of Civil Employees, Marine Corps—Continued.								
		Average—		*Average*—		*Average*—		
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*		
OFFICES OF THE MAJOR GENERAL COMMANDANT AND ADJUTANT AND INSPECTOR								
Departmental service:								
Salaries—								
Clerical, administrative, and fiscal service—								
Grade 8, $2,700 to $3,300; average, $3,000—								
Administrative assistant (chief clerk)	1	$3,000	1	$3,000	1	$3,000		
Grade 7, $2,400 to $3,000; average, $2,700—								
Junior administrative assistant (chief of division)	1	2,700	1	2,700	1	2,700		
Grade 5, $1,860 to $2,400; average, $2,111.42—								
Senior clerk	3	2,020	3	2,020	2.6	2,080		
Grade 4, $1,680 to $2,040; average, $1,860—								
Clerk	2	1,740	2	1,740	2	1,770		
Principal stenographer	1	2,040	1	2,040	0.9	2,040		
Grade 3, $1,500 to $1,860; average, $1,680—								
Assistant clerk	7	1,660	7	1,660	7	1,662		
Senior stenographer	1	1,680	1	1,680	1	1,680		
Assistant clerk-stenographer	4	1,697	4	1,697	4.6	1,698		
Grade 2, $1,320 to $1,680; average, $1,500—								
Junior clerk	7	1,440	7	1,440	6.9	1,467		
Junior clerk-typist	3	1,400	3	1,400	2.7	1,396		
Junior stenographer	1	1,320	1	1,320	0.9	1,352		
Junior clerk-stenographer	1	1,320	1	1,320	0.2	1,320		
Professional and scientific service—								
Grade 4, $3,800 to $5,000; average, $4,400—								
Attorney (special assistant to major general commandant)	1	4,400	1	4,400	1	4,400		
Grade 2, $2,400 to $3,000; average, $2,700—								
Assistant attorney	1	2,700	1	2,700	1	2,700		
Total average number of employees	34		34		32.8			
01 Total salaries, departmental service		61,390		61,390		60,037		
Unobligated balance						2,603		
Total		61,390		61,390		62,640		
OFFICE OF THE PAYMASTER								
Departmental service:								
Salaries—								
Clerical, administrative, and fiscal service—								
Grade 7, $2,400 to $3,000; average, $2,700—								
Junior administrative assistant (chief clerk)	1	2,700	1	2,700	1	2,700		
Grade 5, $1,860 to $2,400; average, $2,111.42—								
Senior clerk	1	2,100	1	2,100	1	2,100		
Grade 4, $1,680 to $2,040; average, $1,860—								
Clerk	3	1,820	3	1,820	3	1,820		
Clerk-stenographer	1	1,980	1	1,980	1	1,980		
Grade 3, $1,500 to $1,860; average, $1,680—								
Assistant clerk	1	1,740	1	1,740	1	1,740		
Senior stenographer	1	1,740	1	1,740	1	1,740		
Assistant clerk-stenographer	1	1,500	1	1,500	1	1,500		
Senior operator, office devices	1	1,860	1	1,860	1	1,860		
Grade 2, $1,320 to $1,680; average, $1,500—								
Junior clerk	1	1,560	1	1,560	1	1,560		
Junior stenographer	1	1,440	1	1,440	1	1,440		
Total average number of employees	12		12		12			
01 Total salaries, departmental service		21,635		21,635		21,230		
Unobligated balance						850		
Total		21,635		21,635		22,080		
OFFICE OF THE QUARTERMASTER								
Departmental service:								
Salaries—								
Clerical, administrative, and fiscal service—								
Grade 10, $3,300 to $3,900; average, $3,600—								
Junior administrative officer (special assistant to the quartermaster)	1	3,800	1	3,800	1	3,700		
Grade 7, $2,400 to $3,000; average, $2,700—								
Junior administrative assistants (chief clerk and 2 chiefs of section)	3	2,666	3	2,666	3	2,666		
Grade 6, $2,100 to $2,700; average, $2,400—								
Principal clerk (chief of section)	5	2,360	5	2,360	5	2,340		
Grade 5, $1,860 to $2,400; average, $2,111.42—								
Senior clerk	2	1,960	2	1,960	2	1,897		
Grade 4, $1,680 to $2,040; average, $1,860—								
Clerk	4	1,740	4	1,740	4	1,709		
Grade 3, $1,500 to $1,860; average, $1,680—								
Assistant clerk	6	1,620	6	1,620	5	1,645		
Assistant clerk-stenographer	6	1,740	6	1,740	6	1,740		
Grade 2, $1,320 to $1,680; average, $1,500—								
Junior clerk	3	1,379	3	1,379	3	1,360		
Junior stenographer	1	1,380	1	1,380	1	1,360		
Junior clerk-typist	5	1,476	5	1,476	5	1,476		
Junior clerk-stenographer	6	1,290	6	1,290	7	1,250		
Total average number of employees	42		42		42			
01 Total salaries, departmental service		75,275		75,275		74,336		
Unobligated balance						944		
Total		75,275		75,275		75,280		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revisad Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Pay of the Marine Corps, Deposit Fund, Trust Fund—		
For soldiers' deposits so much as may be necessary to refund such deposits: *Provided*, That hereafter enlisted men of the Marine Corps shall be entitled to deposit their savings with the United States through any paymaster, in the same manner and under the same conditions as are now or may hereafter be provided for the enlisted men of the Navy: *Provided, however*, That the sums so deposited shall pass to the credit of the appropriation for pay of the Marine Corps (*U. S. C., p. 1144, sec. 975*)	$250,000.00	$250,000.00
5220 Repayments of deposits: Expenditures—1929, $250,000; 1928, $250,000; 1927, $145,780.		
General Expenses, Marine Corps—		
For every expenditure requisite for, and incident to, the authorized work of the Marine Corps, other than as appropriated for under the headings of pay and salaries, as follows:		
For provisions, subsistence, board and lodging of enlisted men, recruits, and recruiting parties, and applicants for enlistment, cash allowance for lodging and subsistence to enlisted men traveling on duty; ice, ice machines and their maintenance [$3,057,457] (*acts July 11, 1798, vol. 1, p. 594; Mar. 2, 1927, vol. 44, p. 1293*)	$3,300,000.00	

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Supplies and materials:			
0260 Provisions (rations in kind)	$3,017,353	$2,797,805	$3,569,981
0280 Sundry supplies (ice and cold storage)	60,000	56,000	61,217
02 Total supplies and materials	3,077,353	2,853,805	3,631,198
03 Subsistence and support of persons (service)	181,585	165,875	157,469
06 Travel expenses	41,062	37,777	239,962
Total	3,300,000	3,057,457	4,028,629

For clothing for enlisted men, [$760,200] (*same acts*) 800,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Field service:			
Total number of employees	261	259	261
01 Total salaries and wages, field service	$247,300	$227,300	$286,100
02 Supplies and materials	546,700	522,900	911,900
12 Repairs and alterations	6,000	10,000	7,000
Total	800,000	760,200	1,205,000

For fuel, heat, light, and power, including sales to officers (*same acts*) .. 500,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
02 Supplies and materials	$380,000	$395,000	$430,800
10 Furnishing of heat, light, power, and electricity (service)	120,000	105,000	103,000
Total	500,000	500,000	533,800

For military supplies and equipment, including their purchase, repair, preservation, and handling; recreational, school, educational, library, musical, amusement, field sport, and gymnasium supplies, equipment, services, and incidental expenses; purchase and marking of prizes for excellence in gunnery and rifle practice, good-conduct badges, medals, and buttons awarded to officers and enlisted men by the Government for conspicuous, gallant, and special service; rental and maintenance of target ranges and entrance fees for competitions, [$779,343] (*same acts*) 825,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

General Expenses, Marine Corps—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Field service:			
	Total number of employees	73	72	75
01	Total salaries and wages, field service	$137,000	$136,055	$131,900
	Supplies and materials:			
0222	Educational supplies	30,000	29,000	32,200
0274	Ammunition for revolvers, rifles, and machine guns, and care and preservation thereof	303,000	329,628	495,800
0284	Miscellaneous supplies	13,000	13,000	13,000
0299	Special and miscellaneous materials, etc	11,000	15,860	12,000
02	Total supplies and materials	357,000	387,488	553,000
13	Special and miscellaneous current expenses	28,555	30,800	30,000
	Equipment:			
3010	Canvas for cots, sea bags, etc	34,515	32,640	9,400
3022	Scientific equipment	5,000	4,000	6,000
3023	Recreational equipment	47,000	24,000	27,200
3039	Sundry war equipment	193,200	141,000	350,000
3052	Production and construction equipment (field ovens)	2,000	3,000	3,000
3053	Telephone and telegraphic equipment, etc. (signal equipment, radio, field telephones, wire, flags, etc.)	20,730	20,360	26,000
30	Total equipment	302,445	225,000	421,600
	Total	825,000	779,343	1,136,500

For transportation of troops and applicants for enlistment, including cash in lieu of ferriage and transfers en route; toilet kits for issue to recruits upon their first enlistment and other incidental expenses of the recruiting service; and transportation for dependents of officers and enlisted men, [$547,000] *(acts July 11, 1798, vol. 1, p. 594; Mar. 2, 1927, vol. 44, p. 1294)* $570,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
01	Personal services (medical examiners' fees)	$4,000	$4,000	$3,000
	Supplies and materials:			
0230	Fuel, gasoline, and oil	3,500	3,500	3,500
0280	Sundry supplies (ice)	400	400	400
02	Total supplies and materials	3,900	3,900	3,900
	Communication service:			
0500	Telegraph service	4,000	3,500	4,000
0510	Telephone service	2,500	2,200	2,500
05	Total communication service	6,500	5,700	6,500
	Travel expenses:			
0601	Steam and electric railway fares—			
	Troops	225,000	221,000	650,000
	Applicants for enlistment	240,200	224,000	242,248
	Dependents (officers and noncommissioned officers)	30,000	23,000	30,000
0610	Local transportation (street car and ferry tickets)	7,000	7,000	9,500
06	Total travel expenses	502,200	475,000	931,748
09	Advertising and publication of notices (service)	26,200	33,600	20,000
10	Furnishing of heat, light, power, and electricity (service)	200	200	200
11	Rent of buildings and structures	15,500	15,500	16,925
	Special and miscellaneous current expenses:			
1373	Laundry and towel service	1,000	1,500	1,000
1380	Repairs to motor vehicles	1,000	1,500	1,100
	Miscellaneous	8,000	5,500	7,500
13	Total special and miscellaneous expenses	10,000	8,500	9,600
30	Furniture, furnishings, and fixtures	1,500	600	1,200
	Total	570,000	547,000	993,073

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

General Expenses, Marine Corps—Continued.

For repairs and improvements to barracks, quarters, and other public buildings at posts and stations; for the renting, leasing, and improvement of buildings in the District of Columbia with the approval of the Public Buildings Commission and at such other places as the public exigencies require, and the erection of temporary buildings upon the approval of the Secretary of the Navy at a total cost not to exceed $10,000 during the year, [$400,000] *(acts July 11, 1798, vol. 1, p. 594; Mar. 2, 1927, vol. 44, p. 1294)* $375,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
11	Rent of buildings and structures	$40,000	$40,000	$84,700
12	Repairs and alterations	335,000	360,000	250,000
	Total	375,000	400,000	334,700

For forage and stabling of public animals and the authorized number of officers' horses *(same acts)* 40,000.00

04 Subsistence and care of animals: Expenditures—1929, $40,000; 1928, $40,000; 1927, $43,500.

For miscellaneous supplies, material, equipment, personal and other services, and for other incidental expenses for the Marine Corps not otherwise provided for; purchase, repair, and exchange of typewriters and calculating machines; purchase and repair of furniture and fixtures; purchase, exchange, and repair of motor-propelled and horse-drawn passenger-carrying and other vehicles, including parts; veterinary services and medicines for public animals and the authorized number of officers' horses; purchase of mounts and horse equipment for all officers below the grade of major required to be mounted; shoeing for public animals and the authorized number of officers' horses; books, newspapers, and periodicals; printing and binding; packing and crating of officers' allowance of baggage; funeral expenses of officers and enlisted men and accepted applicants for enlistment and retired officers on active duty and retired enlisted men of the Marine Corps, including the transportation of their bodies, arms, and wearing apparel from the place of demise to the homes of the deceased in the United States; construction, operation, and maintenance of laundries; and for all emergencies and extraordinary expenses, [$1,815,000] *$1,900,000*: *Provided*, That there may be expended out of this appropriation not to exceed [$8,000] *$17,650* for the purchase of [four] *thirteen* motor-propelled passenger-carrying vehicles subject at least to an equal number of such vehicles being *sold or* exchanged in part payment, the gross cost of any one vehicle not to be in excess of [$2,000] *the respective amounts which follow: Three to cost not to exceed $2,000 each; two to cost not to exceed $1,200 each; eight to cost not to exceed $650 each; also fifteen motor cycles, cost not to exceed $270 each*: *Provided further*, That the sum to be paid out of this appropriation under the direction of the Secretary of the Navy for clerical, drafting, inspection, watchman, interpreter, and messenger service in the classified field service of the Marine Corps, for the fiscal year ending June 30, [1928] *1929*, shall not exceed [$73,000] *$80,000* *(same acts)* 1,900,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Field service:			
	Total number of employees	340	341	345
01	Total salaries and wages, field service	$567,146	$569,463	$605,000
	Supplies and materials:			
0200	Stationery and office supplies	30,000	14,100	30,000
0205	Disinfectants and cleansers	16,500	17,315	26,800
0222	Books, newspapers, and magazines	5,000	4,750	6,600
0233	Lubricants	35,000	35,000	35,000
0284	Miscellaneous supplies (packing and crating)	6,000	6,000	5,500
02	Total supplies and materials	92,500	77,165	103,900
04	Subsistence and care of animals and storage and care of vehicles	1,500	2,000	1,400
	Communication service:			
0500	Telegraph service	1,500	1,500	2,500
0510	Telephone service	15,000	15,000	18,000
05	Total communication service	16,500	16,500	20,500

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

General Expenses, Marine Corps—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Transportation of things (service):			
0700	Freight and express	$291,677	$280,000	$410,000
0720	Parcel-post delivery	3,500	3,000	5,000
07	Total transportation of things (service)	295,177	283,000	415,000
08	Printing and binding	100	100	100
09	Advertising and publication of notices (service)	300	300	600
10	Furnishing of water	60,000	60,000	60,000
12	Repairs and alterations	70,000	80,000	100,000
	Special and miscellaneous current expenses:			
1340	Rewards for apprehension of stragglers and deserters	10,000	8,000	11,300
1373	Laundry and towel service	20,000	20,000	20,000
1380	Special and miscellaneous expenses not elsewhere classified	147,100	166,611	262,000
13	Total special and miscellaneous current expenses	177,100	194,611	293,300
22	Burial expenses	3,000	3,000	3,000
	Equipment (includes livestock):			
3000	Passenger-carrying vehicles—			
	Purchase of spare parts for motor trucks	90,000	83,602	100,000
	Automobiles	20,000	21,030	25,000
	Motor cycles	5,000	4,500	10,000
	Bicycles	3,000	4,000	8,000
	Purchase, hire, upkeep of harness, wagons, drays, and carts and motor vehicles	43,750	17,500	50,000
3010	Furnishings, furniture, and fixtures	193,500	156,520	183,000
3016	Kitchen equipment	23,000	21,709	21,000
3016	Purchase of bed linen	25,000	20,000	55,000
3017	Office machines and devices	13,000	13,000	15,800
3018	Furniture for offices	7,000	3,500	7,000
3040	Purchase of mounts and horse equipment	3,500	3,500	15,000
3054	Fire apparatus, extinguishers, hose carts, hose, etc	25,000	25,000	23,000
3057	Purchase, installation, and maintenance of laundries	50,000	50,000	50,000
3050	Purchase and repair of furnaces, stoves, and heating systems	65,000	55,000	170,000
3059	Improving and upkeep of parade grounds, walks, etc	25,000	30,000	35,000
30	Total equipment	591,750	508,861	767,800
32	Nonstructural improvements	24,927	20,000	25,000
	Total	1,900,000	1,815,000	2,395,600

Marine Corps Reserve: For clothing, subsistence, heat, light, transportation, and miscellaneous expenses, [$40,000] (*U. S. C., p. 1133, sec. 752; act Mar. 2, 1927, vol. 44, p. 1294*) $60,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Supplies and materials:			
0240	Wearing apparel and sewing supplies	$19,000	$12,000	$15,000
0260	Provisions (rations in kind)	9,200	6,715	300
02	Total supplies and materials	28,200	17,715	15,300
	Travel expenses:			
0601	Steam and electric railway fares, troops	24,000	18,200	12,500
0630	Per diem in lieu of subsistence and support while in travel status	2,600	1,800	500
06	Total travel expenses	26,600	20,000	13,000
13	Special and miscellaneous current expenses	5,200	2,285	6,700
	Total	60,000	40,000	35,000

In all, [$7,939,000] *$8,370,000* [and, in addition, there is reappropriated of the unobligated balance of the appropriation "Pay, Marine Corps, 1925," $200,000 for provisions, $50,000 for clothing, $30,000 for military supplies and equipment, $27,000 for transportation, and $23,000 for miscellaneous supplies and expenses, the whole sum herein made available for "General expenses, Marine Corps,"] to be accounted for as one fund $8,370,000.00 $7,939,000.00

Total, Marine Corps 24,528,300.00 23,331,700.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Alterations to Naval Vessels—		
[Major alterations, naval vessels: Toward the installation of additional protection against submarine attack, the installation of antiair-attack deck protection, and the conversion to oil burning of the United States ships New York, Utah, Texas, Florida, Arkansas, and Wyoming, and for the purchase, manufacture, and installation of new fire-control systems for the New York and Texas, all as authorized by the act entitled "An act to authorize alterations to certain naval vessels and to provide for the construction of additional vessels," approved December 18, 1924, and, in addition, the installation of improved appliances for launching and handling airplanes on the six battleships above named as authorized by the act approved May 27, 1926, $2,210,000, to be available until expended] (*act Mar. 2, 1927, vol. 44, p. 1294*)		$2,210,000.00
1292 Changes and alterations to vessels: Expenditures—1928, $2,210,000; 1927, $9,789,762.		
Modernization of Naval Vessels—		
Toward the alterations and repairs required for the purpose of modernizing the United States Ships Oklahoma and Nevada, as authorized by the act entitled "An act to authorize an increase in the limit of cost of certain naval vessels, and for other purposes," approved March 2, 1927 (submitted) (act Mar. 2, 1927, vol. 44, p. 1343)	$6,575,000.00	
12 Repairs and alterations to vessels: Expenditure, 1929, $6,575,000.		
Increase of the Navy, Construction and Machinery—		
Construction and machinery: On account of hulls and outfits of vessels and machinery of vessels heretofore authorized, [$14,200,000, of which sum $450,000 shall be immediately available toward the construction of the last three of the eight scout cruisers authorized by section 2 of the act of December 18, 1924, and, in addition, the Secretary of the Treasury is authorized and directed to make transfers during the fiscal year 1928 from the naval supply account fund to this appropriation of sums aggregating $5,115,000, and the total sum hereby made available shall] *$31,500,000, to* remain available until expended (*act Mar. 2, 1927, vol. 44, p. 1295*)	31,500,000.00	14,200,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
16	Miscellaneous charges			$107,157
	War equipment:			
30301	Purchase and construction of vessels	$31,100,000	$14,000,000	18,595,618
30302	Equipage of naval vessels	400,000	200,000	283,122
30	Total war equipment	31,500,000	14,200,000	18,878,740
	Total	31,500,000	14,200,000	18,985,897

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Increase of the Navy: Armor, Armament, and Ammunition—		
Armor, armament, and ammunition: Toward the armor, armament, and ammunition for vessels heretofore authorized, to remain available until expended (*act Mar. 2, 1927, vol. 44, p. 1295*)	16,500,000.00	9,500,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
14	Maintenance and operation of shore stations	$5,000	$5,000	$3,863
16	Miscellaneous operating charges	50,000	50,000	101,610
34	Reserve stores on hand (equipage, ammunition, etc., for issue to ships)	16,445,000	9,445,000	22,884,622
	Total	16,500,000	9,500,000	[1] 22,990.095

[1] Includes $9,493,988 contracts and project orders carried over from 1926.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Increase of the Navy: Armor, Armament, and Ammunition—Continued.		
The appropriations made in this act for the purchase or manufacture of equipment or material or of a particular class of equipment or material shall be available for the purchase of letters patent, applications for letters patent, licenses under letters patent and applications for letters patent that pertain to such equipment or material for which the appropriations are made.		
No part of any appropriation made for the Navy shall be expended for any of the purposes herein provided for on account of the Navy Department in the District of Columbia, including personal services of civilians and of enlisted men of the Navy, except as herein expressly authorized: *Provided*, That there may be detailed to the Bureau of Navigation not to exceed at any one time twenty-four enlisted men of the Navy: *Provided further*, That enlisted men detailed to the naval dispensary and the radio communication service shall not be regarded as detailed to the Navy Department in the District of Columbia: *And provided further, That the Secretary of the Navy, in his discretion, may assign to the Chief of Naval Operations any public quarters under the jurisdiction of the Navy Department in the District of Columbia.*		
No part of the appropriations made in this act shall be available for the salary or pay of any officer, manager, superintendent, foreman, or other person having charge of the work of any employee of the United States Government while making or causing to be made with a stop watch or other time-measuring device a time study of any job of any such employee between the starting and completion thereof, or of the movements of any such employee while engaged upon such work; nor shall any part of the appropriations made in this act be available to pay any premiums or bonus or cash reward to any employee in addition to his regular wages, except for suggestions resulting in improvements or economy in the operation of any Government plant; and that no part of the moneys herein appropriated for the Naval Establishment or herein made available therefor shall be used or expended under contracts hereafter made for the repair, purchase, or acquirement, by or from any private contractor, of any naval vessel, machinery, article or articles that at the time of the proposed repair, purchase, or acquirement can be repaired, manufactured, or produced in each or any of the Government navy yards or arsenals of the United States, when time and facilities permit, and when, in the judgment of the Secretary of the Navy, such repair, purchase, acquirement, or production would not involve an appreciable increase in cost to the Government.		
Total, Navy Department	$362, 167, 020. 00	$318, 131, 957. 00
SUMMARY		
Annual appropriations, Navy Department	360, 279, 470. 00	316, 215, 107. 00
Permanent and indefinite appropriations, Navy Department	1, 887, 550. 00	1, 916, 850. 00
Total appropriations under Navy Department	362, 167, 020. 00	318, 131, 957. 00

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

CHAPTER IX.—POST OFFICE DEPARTMENT

OUT OF THE POSTAL REVENUES

The following sums are appropriated in conformity with the act of July 2, 1836, for the Post Office Department for the fiscal year ending June 30 [1928] *1929*, namely:

POST OFFICE DEPARTMENT, WASHINGTON, DISTRICT OF COLUMBIA

OFFICE OF THE POSTMASTER GENERAL

Salaries, Office of the Postmaster General—

Postmaster General, $15,000; for personal services in the office of the Postmaster General in the District of Columbia in accordance with the classification act of 1923, [$192,010] *$193,810*; in all, [$207,010] *$208,810*: *Provided*, That in expending appropriations or portions of appropriations contained in this act for the payment of personal services in the District of Columbia in accordance with the classification act of 1923, the average of the salaries of the total number of persons under any grade in any bureau, office, or other appropriation unit shall not at any time exceed the average of the compensation rates specified for the grade by such act, and in grades in which only one position is allocated the salary of such position shall not exceed the average of the compensation rates for the grade, except that in unusually meritorious cases of one position in a grade advances may be made to rates higher than the average of the compensation rates of the grades, but not more often than once in any fiscal year and then only to the next higher rate: *Provided*, That this restriction shall not apply (1) to grades 1, 2, 3, and 4 of the clerical-mechanical service, or (2) to require the reduction in salary of any person whose compensation was fixed, as of July 1, 1924, in accordance with the rules of section 6 of such act, (3) to require the reduction in salary of any person who is transferred from one position to another position in the same or different grade in the same or a different bureau, office, or other appropriation unit, or (4) to prevent the payment of a salary under any grade at a rate higher than the maximum rate of the grade when such higher rate is permitted by the classification act of 1923, and is specifically authorized by other law (*U. S. C., p. 48, sec. 361; act Jan. 26, 1927, vol. 44, p. 1045*) ---------- $208, 810. 00 | $207, 010. 00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Clerical, administrative, and fiscal service—	*Average—*		*Average—*		*Average—*	
Grade 14, $7,500 and over—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Postmaster General	1	$15,000	1	$15,000	1	$15,000
Grade 12, $5,200 to $6,000; average, $5,600—						
Senior administrative officer (chief clerk)	1	5,600	1	5,400	1	5,200
Grade 11, $3,800 to $5,000; average, $4,400—						
Administrative officer	2	4,300	2	4,100	2	3,850
Grade 10, $3,300 to $3,900; average, $3,600—						
Junior administrative officer (assistant chief clerk)	1	3,600	1	3,500	1	3,350
Junior administrative officer (personnel officer)	1	3,600	1	3,500	1	3,350
Grade 9, $3,000 to $3,600; average, $3,300—						
Senior administrative assistant (disbursing clerk)	1	3,500	1	3,500	1	3,350
Senior administrative assistant (private secretary)	1	3,200	1	3,200	1	3,050
Senior administrative assistant (chairman, board of inspection)	1	3,200	1	3,200	1	3,050
Grade 8, $2,700 to $3,300; average, $3,000—						
Administrative assistant (assistant superintendent of buildings)	1	2,900	1	2,900	1	2,750
Administrative assistant (printing clerk)	1	3,000	1	2,900	1	2,750
Assistant traffic manager	1	3,000	1	2,900	1	2,750
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant (assistant chief clerk)	1	2,900	1	2,900	1	2,750
Junior administrative assistant (clerk in charge)	8	2,675	8	2,663	7.5	2,567
Senior transportation rate and traffic auditor	1	2,600	1	2,500	0.7	2,400
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk (clerk in charge)	6	2,400	6	2,400	6.5	2,331
Principal clerk-stenographer (secretary)	2	2,400	2	2,400	2	2,275
Transportation rate and traffic auditor					0.3	2,100
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	7	2,173	7	2,173	6.8	2,149
Senior clerk-stenographer	1	1,920	1	1,920	0.9	1,860
Senior transportation rate and traffic clerk	2	1,960	2	1,930	2	1,930

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries, Office of the Postmaster General—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service—Continued.						
Salaries—Continued.						
Clerical, administrative, and fiscal service—Con.	*Average—*		*Average—*		*Average—*	
Grade 4, $1,680 to $2,040; average, $1,860—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Clerk	4	$1,860	4	$1,860	4	$1,800
Clerk-stenographer	3	1,860	3	1,820	3	1,760
Transportation rate and traffic clerk	1	1,800	1	1,740	1	1,680
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	4	1,680	4	1,680	5.1	1,686
Assistant clerk-stenographer	3	1,640	3	1,640	3.6	1,580
Senior operator, office devices	4	1,740	4	1,740	4	1,725
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	4	1,515	4	1,515	4	1,448
Junior clerk-typist	1	1,380	1	1,320	0.6	1,320
Junior clerk-stenographer	1	1,500	1	1,440	1	1,350
Junior operator, office devices	2	1,500	2	1,500	2	1,470
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	3	1,300	3	1,260	3	1,240
Underoperator, office devices	4	1,320	4	1,320	3.3	1,314
Subprofessional service—						
Grade 5, $1,680 to $2,040; average, $1,860—						
Head nurse	3	1,840	3	1,820	3	1,790
Custodial service—						
Grade 6, $1,500 to $1,860; average, $1,680—						
Mechanic	1	1,740	1	1,740	1	1,680
Grade 4, $1,140 to $1,500; average, $1,320—						
Head messenger	1	1,440	1	1,440	1	1,380
Under mechanic	2	1,260	2	1,230	2.9	1,294
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger	5	1,176	5	1,176	4.7	1,146
Minor mechanic	6	1,110	6	1,110	5.8	1,061
Grade 2, $900 to $1,140; average, $1,020—						
Junior laborer	8	1,020	8	1,020	8.8	987
Total average number of employees	100		100		101.5	
01 Total salaries, departmental service		208,810		207,010		202,702
Unobligated balance						138
Total		208,810		207,010		202,840
The difference between 1929 and 1928 is due to increase in salaries, $1,800.						

Salaries, Post Office Department Buildings—

For personal services in the District of Columbia in accordance with the classification act of 1923, for the care, maintenance, and protection of the main Post Office Department Building, the Washington City Post Office Building, and the Mail Equipment Shops Building (*act Jan. 26, 1927, vol. 44, p. 1045*) $240,842.00 $233,042.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Custodial service—	*Average—*		*Average—*		*Average—*	
Grade 9, $2,100 to $2,700; average, $2,400—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Assistant mechanical superintendent	1	$2,400	1	$2,400	1	$2,300
Grade 8, $1,860 to $2,400; average, $2,111.42—						
Principal mechanic	3	2,087	3	2,020	2	2,010
Grade 7, $1,680 to $2,040; average, $1,860—						
Senior mechanic	3	1,860	3	1,840	2.2	1,719
Grade 6, $1,500 to $1,860; average, $1,680—						
Mechanic	29	1,645	29	1,568	30.4	1,520
Head guard	1	1,680	1	1,620	1	1,560
Grade 5, $1,320 to $1,680; average, $1,500—						
Junior mechanic	4	1,450	4	1,350	4	1,320
Foreman of laborers	2	1,500	2	1,470	2	1,410
Grade 4, $1,140 to $1,500; average, $1,320—						
Under mechanic	24	1,290	24	1,210	23	1,143
Senior guard	7	1,286	7	1,209	7	1,166
Assistant foreman of laborers	4	1,275	4	1,170	2.8	1,140
Grade 3, $1,020 to $1,260; average, $1,140—						
Minor mechanic	1	1,140	1	1,080	1	1,020
Guard	27	1,121	27	1,076	27.3	1,024
Senior laborer	3	1,120	3	1,060	2.2	1,020
Grade 2, $900 to $1,140; average, $1,020—						
Subordinate mechanic	16	1,016	16	1,013	16.3	982
Junior laborer	44	1,018	44	1,010	47.4	993
Junior laborer (part-time charwomen at 40 cents per hour)	75	367	75	367	75	367
Total average number of employees	244		244		244.6	
01 Total salaries, departmental service		240,842		233,042		225,169
Unobligated balance						463
Total		240,842		233,042		225,632
The difference between 1929 and 1928 is due to increase in salaries, $7,800.						

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
SALARIES IN BUREAUS AND OFFICES		
For personal services in the District of Columbia, in accordance with the classification act of 1923, in bureaus and offices of the Post Office Department in not to exceed the following amounts, respectively:		
Salaries, Office of the First Assistant Postmaster General—		
Office of the First Assistant Postmaster General (*U. S. C., p. 48, sec. 363; act Jan. 26, 1927, vol. 44, p. 1045*)	$430,420.00	$416,590.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Clerical, administrative, and fiscal service—						
Grade 14, $7,500 and over—	*Average—*		*Average—*		*Average—*	
Special executive officer (First Assistant Postmaster General)	*No.* 1	*Salary* $7,500	*No.* 1	*Salary* $7,500	*No.* 1	*Salary* $7,500
Grade 12, $5,200 to $6,000; average, $5,600—						
Senior administrative officer (Deputy First Assistant and chief clerk)	1	5,600	1	5,400	1	5,200
Senior administrative officer (division superintendent)	1	5,600	1	5,400	1	5,200
Grade 11, $3,800 to $5,000; average, $4,400—						
Administrative officer (division superintendent)	2	4,400	2	4,300	2	4,100
Administrative officer (assistant superintendent)	1	4,200	1	4,000	1	3,900
Grade 10, $3,300 to $3,900; average, $3,600—						
Junior administrative officer (division superintendent)	1	3,600	1	3,600	1	3,600
Junior administrative officer (assistant superintendent)	2	3,600	2	3,600	2	3,600
Grade 9, $3,000 to $3,600; average, $3,300—						
Senior administrative assistant (Assistant Deputy First Assistant and chief clerk)	1	3,200	1	3,100	1	3,000
Senior administrative assistant (assistant superintendent)	9	3,233	9	3,089	8	3,000
Grade 8, $2,700 to $3,300; average, $3,000—						
Administrative assistant (assistant superintendent)	2	3,000	2	2,900	1.1	2,977
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant (chief of section)	5	2,640	5	2,500	5.9	2,476
Junior administrative assistant (special clerk)	1	2,700	1	2,700	1	2,700
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk (chief of section)	19	2,337	19	2,200	12.5	2,184
Principal clerk-stenographer (secretary)	1	2,400	1	2,300	1	2,250
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	11	2,063	11	1,946	15.5	2,005
Senior clerk-stenographer	1	2,100	1	2,000	1	1,960
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	36	1,836	36	1,773	37.2	1,752
Clerk-stenographer	3	1,820	3	1,740	2.2	1,717
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	23	1,664	23	1,623	21.8	1,601
Assistant clerk-stenographer	17	1,666	17	1,634	17.9	1,605
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	20	1,497	20	1,491	20.6	1,486
Junior stenographer	26	1,470	26	1,405	27.3	1,371
Junior clerk-stenographer	6	1,500	6	1,500	4.4	1,517
Junior clerk-typist	7	1,517	7	1,517	7.4	1,518
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	13	1,302	13	1,251	12.7	1,264
Professional and scientific service—						
Grade 5, $5,200 to $6,000; average, $5,600—						
Senior engineer (division superintendent)	1	5,600	1	5,400	1	5,200
Custodial service—						
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger	12	1,140	12	1,140	12	1,140
Total average number of employees	223		223		220.5	
01 Total salaries, departmental service		430,420		416,590		404,033
Unobligated balance						2,287
Total		430,420		416,590		406,320
The difference between 1929 and 1928 is due to increase in salaries, $13,830.						

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Salaries, Office of the Second Assistant Postmaster General— Office of the Second Assistant Postmaster General (*U. S. C., p. 48, sec. 363; act Jan. 26, 1927, vol. 44, p. 1045*)	$294,250.00	$289,330.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Clerical, administrative, and fiscal service—						
Grade 14, $7,500 and over—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Special executive officer (Second Assistant Postmaster General)	1	$7,500	1	$7,500	1	$7,500
Grade 12, $5,200 to $6,000; average, $5,600—						
Senior administrative officer (Deputy Second Assistant and chief clerk)	1	5,600	1	5,400	1	5,200
Senior administrative officer (general superintendent, Railway Mail Service)	1	5,600	1	5,400	1	5,200
Grade 11, $3,800 to $5,000; average, $4,400—						
Administrative officer (division superintendent)	2	4,400	2	4,400	2	4,300
Administrative officer (assistant general superintendent, Railway Mail Service)	1	4,400	1	4,400	1	4,400
Grade 9, $3,000 to $3,600; average, $3,300—						
Senior administrative assistant (assistant division superintendent)	3	3,267	3	3,167	3	3,100
Senior administrative assistant (chief clerk)	1	3,300	1	3,300	1	3,300
Senior administrative assistant (chief of section)	4	3,225	4	3,100	4	3,000
Senior administrative assistant (Assistant Deputy Second Assistant and chief clerk)	1	3,200	1	3,100	1	3,000
Grade 8, $2,700 to $3,300; average, $3,000—						
Administrative assistant (chief of section)	1	2,900	1	2,800	1	2,700
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant (chief of section)	4	2,675	4	2,600	3.4	2,573
Junior administrative assistant (secretary)	1	2,700	1	2,700	1	2,600
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk (chief of section)	13	2,385	13	2,354	11.5	2,326
Principal translater	1	2,400	1	2,400	1	2,300
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	12	2,100	12	2,058	14	2,013
Senior clerk-stenographer	4	2,050	4	1,960	4.1	1,918
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	21	1,857	21	1,840	21.3	1,823
Clerk-stenographer	1	1,800	1	1,740	0.3	1,680
Head operator, office devices	1	1,860	1	1,860	1	1,860
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	26	1,680	26	1,680	26.7	1,681
Senior stenographer	1	1,680	1	1,620	1	1,560
Assistant clerk-stenographer	16	1,664	16	1,631	15.4	1,605
Senior operator, office devices	1	1,740	1	1,740	1	1,740
Head typist	1	1,620	1	1,560	0.2	1,500
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	1	1,500	1	1,500	1.8	1,531
Senior typist	1	1,440	1	1,320	1	1,320
Junior stenographer	1	1,440	1	1,320	0.9	1,369
Junior clerk-typist	2	1,500	2	1,470	2.3	1,423
Junior clerk-stenographer	4	1,455	4	1,350	3.3	1,325
Junior operator, office devices	5	1,500	5	1,476	5	1,440
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	6	1,320	6	1,310	6	1,310
Junior typist					0.7	1,140
Custodial service—						
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger	3	1,140	3	1,140	3.1	1,134
Total average number of employees	142		142		142	
01 Total salaries, departmental service		294,250		288,330		283,900
Unobligated balance						1,020
Reserve				1,000		
Total		294,250		289,330		284,920
The difference between 1929 and 1928 is due to increase in salaries, $4,920.						

Salaries, Office of the Third Assistant Postmaster General— Office of the Third Assistant Postmaster General (*U. S. C., p. 48, sec. 363, act Jan. 26, 1927, vol. 44, p. 1046*)	710,010.00	694,670.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Clerical, administrative, and fiscal service—						
Grade 14, $7,500 and over—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Special executive officer (Third Assistant Postmaster General)	1	$7,500	1	$7,500	1	$7,500
Grade 12, $5,200 to $6,000; average, $5,600—						
Senior administrative officer (Deputy Third Assistant and chief clerk)	1	5,600	1	5,400	1	5,200

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries, Office of the Third Assistant Postmaster General—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service—Continued.						
Salaries—Continued.						
Clerical, administrative, and fiscal service—Con.						
Grade 12, $5,200 to $6,000; average, $5,000—Con.	*Average—*		*Average—*		*Average—*	
Senior administrative officer (division superintendent)	*No.* 1	*Salary* $5,600	*No.* 1	*Salary* $5,400	*No.* 0.5	*Salary* $5,200
Senior administrative officer (director, division of postal savings)	1	5,600	1	5,400	1	5,200
Grade 11, $3,800 to $5,000; average, $4,400—						
Administrative officer (division superintendent)	3	4,400	3	4,400	3.5	4,257
Grade 9, $3,000 to $3,600; average, $3,300—						
Senior administrative assistant (Assistant Deputy Third Assistant and chief clerk)	1	3,200	1	3,100	1	3,000
Senior administrative assistant (division superintendent)	1	3,500	1	3,500	1	3,400
Senior administrative assistant (assistant director, division of postal savings)	1	3,200	1	3,100	1	3,000
Grade 8, $2,700 to $3,300; average, $3,000—						
Administrative assistant (chief clerk)	1	3,000	1	3,000	1	2,900
Administrative assistant (chief of section)	5	2,980	5	2,900	5	2,820
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant (chief of section)	15	2,670	15	2,617	15	2,530
Junior administrative assistant (clerk in charge)	1	2,700	1	2,700	1	2,600
Junior administrative assistant (secretary)	1	2,800	1	2,800	1	2,650
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk (chief of section)	9	2,378	9	2,322	8.9	2,240
Principal clerk (clerk in charge)	17	2,347	17	2,247	16.6	2,191
Principal translator	1	2,500	1	2,500	1	2,350
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	68	2,084	68	2,020	62.6	1,971
Head stenographer	1	2,000	1	1,920	0.8	1,860
Senior clerk-stenographer	3	2,100	3	2,033	3.3	1,929
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	73	1,850	73	1,824	76.3	1,783
Clerk-stenographer	1	1,800	1	1,740	1	1,690
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	49	1,665	49	1,625	52.5	1,595
Senior stenographer	8	1,658	8	1,613	7.8	1,604
Assistant clerk-stenographer	12	1,665	12	1,630	10.5	1,588
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	27	1,491	27	1,462	26.6	1,431
Senior typist	22	1,495	22	1,484	23.9	1,445
Junior stenographer	10	1,470	10	1,404	9.8	1,371
Junior clerk-typist					1.6	1,636
Junior clerk-stenographer	2	1,500	2	1,500	2	1,470
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	17	1,320	17	1,320	16	1,338
Junior typist	1	1,260	1	1,140	1.8	1,160
Custodial service—						
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger	13	1,140	13	1,140	13	1,135
Senior laborer	2	1,140	2	1,140	2	1,140
Grade 2, $900 to $1,140; average, $1,020—						
Junior laborer	2	1,020	2	1,020	2	1,020
Total average number of employees	371		371		373	
01 Total salaries, departmental service		710,010		693,670		677,486
Unobligated balance						774
Reserve				1,000		
Total		710,010		694,670		678,260
The difference between 1929 and 1928 is due to increase in salaries, $15,340.						

Salaries, Office of the Fourth Assistant Postmaster General—

Office of the Fourth Assistant Postmaster General (*U. S. C., p. 48, sec. 363; act Jan. 26, 1927, vol. 44, p. 1046*) ..... $407,530.00 | $392,250.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Clerical, administrative, and fiscal service—						
Grade 14, $7,500 and over—	*Average—*		*Average—*		*Average—*	
Special executive officer (Fourth Assistant Postmaster General)	*No.* 1	*Salary* $7,500	*No.* 1	*Salary* $7,500	*No.* 1	*Salary* $7,500
Grade 12, $5,200 to $6,000; average, $5,600—						
Senior administrative officer (Deputy Fourth Assistant and chief clerk)	1	5,600	1	5,400	1	5,200
Grade 11, $3,800 to $5,000; average, $4,400—						
Administrative officer (division superintendent)	2	4,300	2	4,100	2	3,900

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries, Office of the Fourth Assistant Postmaster General—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service—Continued.						
Salaries—Continued.						
Clerical, administrative, and fiscal service—Con.						
Grade 9, $3,000 to $3,600; average, $3,300—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Senior administrative assistant (assistant division superintendent)	4	$3,250	1	$3,100	3.6	$3,000
Senior administrative assistant (Assistant Deputy Fourth Assistant and chief clerk)	1	3,200	1	3,100	1	3,000
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant (chief of section)	4	2,675	4	2,600	4	2,492
Junior administrative assistant (secretary)	1	2,600	1	2,500	1	2,400
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk (chief of section)	9	2,400	9	2,400	9.3	2,327
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	38	2,107	38	2,086	36.3	2,063
Senior clerk-stenographer	2	2,100	2	2,100	2.3	2,081
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	33	1,853	33	1,840	29.9	1,838
Clerk-stenographer	1	1,920	1	1,920	1	1,860
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	26	1,680	26	1,668	27.8	1,659
Senior stenographer	4	1,650	4	1,620	3.9	1,593
Assistant clerk-stenographer	2	1,620	2	1,560	2.2	1,546
Senior operator, office devices	1	1,680	1	1,620	1	1,425
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	7	1,500	7	1,500	6	1,527
Senior typist	21	1,479	21	1,449	16.6	1,447
Junior stenographer	1	1,440	1	1,320	1.8	1,364
Junior clerk-typist	3	1,600	3	1,600	4.3	1,555
Junior clerk-stenographer					0.3	1,340
Junior operator, office devices	1	1,500	1	1,500	1.1	1,435
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	7	1,354	7	1,354	7	1,327
Junior typist	5	1,236	5	1,152	5	1,140
Underoperator, office devices					0.8	1,247
Professional and scientific service—						
Grade 4, $3,800 to $5,000; average, $4,400—						
Engineer (topographer)	1	4,200	1	4,000	1	3,800
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate engineer	3	3,233	3	3,100	3	3,000
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant engineer	1	2,800	1	2,800	1	2,683
Subprofessional service—						
Grade 8, $2,400 to $3,000; average, $2,700—						
Chief engineering draftsman	2	2,700	2	2,650	2	2,533
Grade 7, $2,100 to $2,700; average, $2,400—						
Principal engineering draftsman	1	2,300	1	2,200	1	2,100
Grade 6, $1,860 to $2,400; average, $2,111—						
Senior engineering draftsman	11	1,985	6	2,020	5.1	1,963
Grade 5, $1,680 to $2,040; average, $1,860—						
Engineering draftsman	2	1,830	2	1,800	2	1,740
Custodial service—						
Grade 4, $1,140 to $1,500; average, $1,320—						
Head messenger	2	1,320	2	1,320	2	1,315
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger	3	1,220	3	1,220	3	1,197
Senior laborer	9	1,113	9	1,113	8	1,091
Grade 2, $900 to $1,140; average, $1,020—						
Junior laborer	1	1,020	1	1,020	1	950
Total number of employees	211		206		199.3	
01 Total salaries, departmental service		407,530		392,250		373,133
Unobligated balance						1,727
Total		407,530		392,250		374,860
The difference between 1929 and 1928 is due to—						
Increase in force	$9,300					
Increase in salaries	5,980					
Total	15,280					

Salaries, Office of the Solicitor for the Post Office Department—

Office of the Solicitor for the Post Office Department (*U. S. C., p. 48, sec. 364; act Jan. 26, 1927, vol. 44, p. 1046*) $61,560.00 $59,660.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
Grade 6, $6,000 to $7,500; average, $6,750—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Chief attorney (solicitor)	1	$6,500	1	$6,500	1	$6,000
Grade 5, $5,200 to $6,000; average, $5,600—						
Senior attorney (assistant solicitor)	1	5,600	1	5,400	1	5,200
Grade 4, $3,800 to $5,000; average, $4,400—						
Attorney	2	4,300	2	4,100	2	3,900
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate attorney	4	3,250	4	3,100	4	3,000

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries, Office of the Solicitor for the Post Office Department—Continued.

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service—Continued.							
Salaries—Continued.							
Professional and scientific service—Continued.		*Average—*		*Average—*		*Average—*	
Grade 2, $2,400 to $3,000; average, $2,700—		*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Assistant attorney		1	$2,700	1	$2,600	1	$2,500
Grade 1, $1,860 to $2,400; average, $2,111—							
Junior attorney		2	2,080	2	2,030	1.2	1,980
Clerical, administrative, and fiscal service—							
Grade 6, $2,100 to $2,700; average, $2,400—							
Chief stenographer		1	2,400	1	2,400	1	2,300
Grade 5, $1,860 to $2,400; average, $2,111—							
Senior clerk		1	2,200	1	2,200	1	2,200
Senior clerk-stenographer		3	2,067	3	2,067	2.3	1,997
Grade 4, $1,680 to $2,040; average, $1,860—							
Clerk		1	1,980	1	1,980	1	1,980
Clerk-stenographer		1	1,740	1	1,740	1.2	1,791
Grade 3, $1,500 to $1,860; average, $1,680—							
Assistant clerk-stenographer						0.3	1,800
Grade 2, $1,320 to $1,680; average, $1,500—							
Junior stenographer		3.4	1,500	3.4	1,346	3.3	1,335
Grade 1, $1,140 to $1,500; average, $1,320—							
Underclerk		1	1,380	1	1,380	1.4	1,309
Total average number of employees		22.4		22.4		21.7	
01 Total salaries, departmental service			61,560		59,660		55,731
Unobligated balance							2,029
Total			61,560		59,660		57,760
The difference between 1929 and 1928 is due to increase in salaries, $1,900.							

Salaries, Office of the Chief Inspector—
Office of the Chief Inspector (*act Jan. 26, 1927, vol. 44, p. 1046*) $166,090.00 $159,520.00

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:							
Salaries—							
Clerical, administrative, and fiscal service—		*Average—*		*Average—*		*Average—*	
Grade 13, $6,000 to $7,500; average, $6,750—		*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Executive officer (Chief Inspector)		1	$6,500	1	$6,500	0.9	$6,000
Grade 12, $5,200 to $6,000; average, $5,600—							
Senior administrative officer (Chief Inspector)						0.1	5,200
Senior administrative officer (Assistant Chief Inspector)		1	$5,400	1	5,200		
Grade 9, $3,000 to $3,600; average, $3,300—							
Senior administrative assistant (superintendent)		1	3,300	1	3,300	1	3,000
Grade 7, $2,400 to $3,000; average, $2,700—							
Junior administrative assistant (assistant superintendent)		1	2,800	1	2,800	1	2,575
Junior administrative assistant (chief of section)		5	2,680	5	2,640	4.7	2,593
Junior administrative assistant (secretary and confidential clerk)		1	2,600	1	2,400	1	2,575
Grade 6, $2,100 to $2,700; average, $2,400—							
Principal clerk (clerk in charge)		1	2,400	1	2,300	1	2,300
Principal translator		1	2,300	1	2,200	1	2,200
Grade 5, $1,860 to $2,400; average, $2,111.42—							
Senior clerk		9	2,087	9	2,020	8.8	1,964
Grade 4, $1,680 to $2,040; average, $1,860—							
Clerk		16	1,831	16	1,749	14.3	1,701
Clerk-stenographer		1	1,860	1	1,800	1	1,800
Grade 3, $1,500 to $1,860; average, $1,680—							
Assistant clerk		14	1,654	14	1,569	14.3	1,534
Senior stenographer		1	1,740	1	1,740	1	1,725
Assistant clerk-stenographer		5	1,644	5	1,560	5	1,512
Grade 2, $1,320 to $1,680; average, $1,500—							
Junior clerk		13	1,464	13	1,389	12.4	1,352
Junior stenographer		7	1,483	7	1,363	5.8	1,330
Junior clerk-typist		2.5	1,488	2.5	1,464	2.4	1,392
Junior clerk-stenographer		2	1,440	2	1,380	3.4	1,320
Grade 1, $1,140 to $1,500; average, $1,320—							
Underclerk		1	1,320	1	1,260	3	1,275
Underclerk-typist						1.2	1,226
Subprofessional service—							
Grade 7, $2,100 to $2,700; average, $2,400—							
Principal engineering draftsman		1	2,500	1	2,500	1	2,475
Custodial service—							
Grade 3, $1,020 to $1,260; average, $1,140—							
Messenger		4	1,125	4	1,095	3	1,103
Total average number of employees		88.5		88.5		87.3	
01 Total salaries, departmental service			166,090		159,520		148,220
Unobligated balance							460
Total			166,090		159,520		148,680
The difference between 1929 and 1928 is due to increase in salaries, $6,570.							

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Salaries, Office of the Purchasing Agent—		
Office of the Purchasing Agent (*U. S. C., p. 48, sec. 366; act Jan. 26, 1927, vol. 44, p. 1046*)	$35,210.00	$34,170.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Clerical, administrative, and fiscal service—	*Average*—		*Average*—		*Average*—	
Grade 12, $5,200 to $6,000; average, $5,600—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Senior administrative officer (purchasing agent)	1	$5,600	1	$5,400	1	$5,200
Grade 9, $3,000 to $3,600; average, $3,300—						
Senior administrative assistant (chief clerk)	1	3,200	1	3,100	1	3,000
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk (chief of section)	1	2,300	1	2,100		
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	2	2,100	2	2,100	3	2,067
Senior clerk-stenographer	1	2,100	1	2,100	1	2,100
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	3	1,860	3	1,860	3	1,810
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk-stenographer	1	1,680	1	1,560	1	1,500
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	1	1,440	1	1,380	1.2	1,320
Junior stenographer	3	1,480	3	1,380	1.9	1,345
Junior clerk-stenographer	1	1,500	1	1,500	1	1,440
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	1	1,380	1	1,380	1.2	1,346
Junior typist	0.6	1,140	0.6	1,140	0.9	1,140
Custodial service—						
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger	1	1,140	1	1,080	1.2	1,080
Total average number of employees	17.6		17.6		17.4	
01 Total salaries, departmental service		35,210		34,170		32,858
Unobligated balance						442
Total		35,210		34,170		33,300

The difference between 1929 and 1928 is due to increase in salaries, $1,040.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Salaries, Bureau of Accounts—		
Bureau of Accounts (*U. S. C., p. 979, sec. 73; act Jan. 26, 1927, vol. 44, p. 1046*)	40,170.00	39,350.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Clerical, administrative, and fiscal service—	*Average*—		*Average*—		*Average*—	
Grade 12, $5,200 to $6,000; average, $5,600—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Senior administrative officer (comptroller)	1	$5,600	1	$5,400	1	$5,200
Grade 9, $3,000 to $3,600; average, $3,300—						
Senior administrative assistant (assistant and chief clerk)	1	3,300	1	3,200	1	3,100
Accountant and auditor (expert accountant)	1	3,300	1	3,300	1	3,200
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant (clerk in charge)	1	2,700	1	2,600	0.1	2,500
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk (principal bookkeeper)					0.9	2,500
Principal clerk (statistical clerk)	2	2,400	2	2,400	2	2,300
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	1	2,100	1	2,100	1	2,100
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	1	1,920	1	1,920	1	1,860
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	7	1,483	7	1,449	7.1	1,372
Junior clerk-stenographer	1	1,440	1	1,380	0.9	1,320
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	1.8	1,239	1.8	1,184	1.8	1,186
Underclerk-typist	1	1,320	1	1,260	1	1,170
Custodial service—						
Grade 2, $900 to $1,140; average, $1,020—						
Junior laborer	1	1,080	1	1,080	1	1,080
Total average number of employees	19.8		19.8		19.8	
01 Total salaries, departmental service		40,170		39,350		37,756
Unobligated balance						524
Total		40,170		39,350		38,280

The difference between 1929 and 1928 is due to increase in salaries, $820.

Salaries, Post Office Department	2,594,892.00	2,525,592.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
CONTINGENT EXPENSES, POST OFFICE DEPARTMENT		
Contingent Expenses, Post Office Department: Stationery— For stationery and blank books, index and guide cards, folders, and binding devices, including purchase of free penalty envelopes (*act Jan. 26, 1927, vol. 44, p. 1046*)	$22,000.00	$25,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
02 Supplies and materials	$21,645.00	$21,645.00	$20,594.72
09 Advertising and publication of notices (service)	115.00	115.00	114.36
12 Repairs and alterations	20.00	20.00	18.86
30 Equipment	220.00	220.00	215.39
Total	22,000.00	22,000.00	20,943.33
Unobligated balance			4,056.67
Reserve		3,000.00	
Total	22,000.00	25,000.00	25,000.00

Contingent Expenses, Post Office Department: Fuel, Repairs, etc.— For fuel and repairs to heating, lighting, ice, and power plant, including repairs to elevators, purchase and exchange of tools and electrical supplies, and removal of ashes (*act Jan. 26, 1927, vol. 44, p. 1046*)	53,000.00	53,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Supplies and materials:			
0230 Fuel	$30,154.00	$30,154.00	$30,153.63
0280 Sundry supplies	4,180.00	4,180.00	4,177.06
02 Total supplies and materials	34,334.00	34,334.00	34,330.69
06 Travel expenses	5.00	5.00	4.74
12 Repairs and alterations	15,995.00	15,995.00	15,995.48
13 Special and miscellaneous current expenses	1,925.00	1,925.00	1,924.81
30 Equipment	741.00	741.00	701.02
Total	53,000.00	53,000.00	52,956.74
Unobligated balance			43.26
Total	53,000.00	53,000.00	53,000.00

Contingent Expenses, Post Office Department: Telegraphing— For telegraphing (*act Jan. 26, 1927, vol. 44, p. 1046*)	6,500.00	6,500.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
05 Communication service	$6,500.00	$6,500.00	$5,607.18
Unobligated balance			892.92
Total	6,500.00	6,500.00	6,500.00

Contingent Expenses, Post Office Department: Miscellaneous Items— For miscellaneous items, including purchase, exchange, maintenance, and repair of typewriters, adding machines, and other labor-saving devices; not to exceed [$3,000] *$7,500* for purchase, exchange, hire, and maintenance of motor trucks and motor-driven passenger-carrying vehicles; street car fares not exceeding $540; plumbing; repairs to department buildings; floor coverings; postage stamps for correspondence addressed abroad, which is not exempt under article 43 of the Stockholm convention of the Universal Postal Union [$54,000] *$58,500*, of which sum not exceeding $14,500 may be expended for telephone service, not exceeding $1,800 may be expended for purchase and exchange of law books, books of reference, railway guides, city directories, and books necessary to conduct the business of the department, and not exceeding $2,000 may be expended for expenses, except membership fees, of attendance at meetings or conventions concerned with postal affairs, when incurred on the written authority of the Postmaster General, and not exceeding $800 may be expended for expenses of the purchasing agent and of the solicitor and attorneys connected with his office while traveling on business of the department (*U. S. C., p. 49, sec. 372; act Jan. 26, 1927, vol. 44, p. 1046*)	58,500.00	54,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Contingent Expenses, Post Office Department: Miscellaneous Items—Continued.					
Supplies and materials:					
0200 Stationery and office supplies	$5,285.00	$5,285.00	$5,284.34		
0210 Medical and hospital supplies	116.00	116.00	116.20		
0220 Scientific and educational supplies	1,900.00	1,900.00	1,897.21		
0240 Wearing apparel and sewing supplies	24.00	24.00	23.74		
0280 Sundry supplies	2,350.00	2,350.00	2,350.85		
0290 Materials	5,030.00	5,030.00	5,027.05		
02 Total supplies and materials	14,705.00	14,705.00	14,699.39		
Communication service:					
0510 Telephone service	11,660.00	11,660.00	11,660.92		
0520 Other communication service	120.00	120.00	118.75		
05 Total communication service	11,780.00	11,780.00	11,779.67		
06 Travel expenses	2,800.00	2,800.00	813.83		
10 Furnishing of heat, light, power, water, electricity (service)	40.00	40.00	39.70		
12 Repairs and alterations	7,530.00	7,530.00	7,526.43		
13 Special and miscellaneous current expenses	370.00	370.00	371.87		
Equipment:					
3000 Passenger-carrying vehicles	6,265.00	1,765.00	1,764.74		
3010 Furniture, furnishings and fixtures	13,875.00	13,875.00	13,774.58		
3020 Educational, scientific and recreational equipment	115.00	115.00	116.87		
3050 Other equipment	1,020.00	1,020.00	1,022.01		
30 Total equipment	21,275.00	16,775.00	16,678.20		
Total	58,500.00	54,000.00	51,909.09		
Unobligated balance			90.91		
Total	58,500.00	54,000.00	52,000.00		
Contingent Expenses, Post Office Department, Furniture and Filing Cabinets— For furniture and filing cabinets (*act Jan. 26, 1927, vol. 44, p. 1046*)				$8,000.00	$8,000.00
12 Repairs and alterations	$450.00	$450.00	$442.08		
30 Equipment	7,550.00	7,550.00	7,011.55		
Total	8,000.00	8,000.00	7,453.63		
Unobligated balance			546.37		
Total	8,000.00	8,000.00	8,000.00		
Printing and Binding, Post Office Department— For printing and binding for the Post Office Department, including all of its bureaus, offices, institutions, and services located in Washington, District of Columbia, and elsewhere (*U. S. C., p. 1013, sec. 583; act Jan. 26, 1927, vol. 44, p. 1046*)				1,150,000.00	1,150,000.00
02011 Printed forms and letterheads	$85,000.00	$85,000.00	$77,061.96		
Add amounts transferred to Government Printing Office	1,065,000.00	1,065,000.00	1,042,419.60		
Total	1,150,000.00	1,150,000.00	1,119,481.56		
Unobligated balance			6,138.44		
Total	1,150,000.00	1,150,000.00	1,124,620.00		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Heat, Light, and Power, Post Office Building, Washington, D. C.— For reimbursement of the Government Printing Office or Capitol Power Plant for the cost of furnishing steam for heating and electric current for lighting and power to the Post Office Department Building at Massachusetts Avenue and North Capitol Street, District of Columbia (*act Jan. 26, 1927, vol. 44, p. 1046*)	$47,000.00	$47,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Amounts transferred to other departments and establishments:			
Government Printing Office	$30,500.00	$30,500.00	$30,307.50
Architect of the Capitol	16,500.00	16,500.00	16,308.00
Total	47,000.00	47,000.00	46,615.50
Unobligated balance			384.50
Total	47,000.00	47,000.00	47,000.00

Contingent expenses, Post Office Department	1,345,000.00	1,343,500.00
Total, Post Office Department, salaries and expenses	3,939,892.00	3,869,092.00

Appropriations hereinafter made for the field service of the Post Office Department, except as otherwise provided, shall not be expended for any of the purposes hereinbefore provided for on account of the Post Office Department in the District of Columbia: *Provided*, That the actual and necessary expenses of officials and employees of the Post Office Department and Postal Service, when traveling on official business, may continue to be paid from the appropriations for the service in connection with which the travel is performed, and appropriations for [1928] *1929* of the character heretofore used for such purposes shall be available therefor.

FIELD SERVICE, POST OFFICE DEPARTMENT

OFFICE OF THE POSTMASTER GENERAL

Electric Power, Light, etc.— For gas, electric power, and light, and the repair of machinery, United States Post Office Department equipment shops building (*act Jan. 26, 1927, vol. 44, p. 1046*)	8,000.00	8,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
10 Furnishing of heat, light, power, water, and electricity (service)	$8,000.00	$8,000.00	$6,653.68
Unobligated balance			1,346.32
Total	8,000.00	8,000.00	8,000.00

Rewards to Postal Employees for Inventions— The Postmaster General is hereby authorized to pay a cash reward for any invention, suggestion, or series of suggestions for an improvement or economy in device, design, or process applicable to the Postal Service submitted by one or more employees of the Post Office Department or the Postal Service which shall be adopted for use and will clearly effect a material economy or increase efficiency; and for that purpose the sum of $1,500 is hereby appropriated: *Provided*, That the sums so paid to employees in accordance with this act shall be in addition to their usual compensation: *Provided further*, That the total amount paid under the provisions of this act shall not exceed $1,000 in any month or for any one invention or suggestion: *Provided further*, That no employee shall be paid a reward under this act until he has properly executed an agreement to the effect that the use by the United States of the invention, suggestion, or series of suggestions made by him shall not form the basis of a further claim of any nature upon the United States by him, his heirs, or assigns: *Provided further*, That this appropriation shall be available for no other purpose (*U. S. C., p. 1285, sec. 813; p. 2087, sec. 813a; act Jan. 26, 1927, vol. 44, p. 1047*)	1,500.00	1,500.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
53 Refunds, awards, and indemnities	$1,500.00	$1,500.00	$100.00
Unobligated balance			2,400.00
Total	1,500.00	1,500.00	2,500.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Freight, Express, or Motor Transportation of Equipment, etc.— For the transportation and delivery of equipment, materials, and supplies for the Post Office Department and Postal Service by freight, express, or motor transportation, and other incidental expenses (*U. S. C., p. 1270, sec. 573; act Jan. 26, 1927, vol. 44, p. 1047*)	$400,000.00	$370,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
07 Transportation of things (service)	$400,000.00	$370,000.00	$387,086.95
Unobligated balance			37,913.05
Total	400,000.00	370,000.00	425,000.00

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Travel Expenses, etc., Postmaster General— For travel and miscellaneous expenses in the Postal Service, office of the Postmaster General (*act Jan. 26, 1927, vol. 44, p. 1047*)	1,000.00	1,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
06 Travel expenses	$1,000.00	$1,000.00	$39.13
Unobligated balance			960.87
Total	1,000.00	1,000.00	1,000.00

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Personal or Property Damage Claims— To enable the Postmaster General to pay claims for damages to persons or property, in accordance with the provisions of the deficiency appropriation act approved June 16, 1921 (*U. S. C., p. 50, sec. 392; act Jan. 26, 1927, vol. 44, p. 1047*)	10,000.00	10,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
53 Refunds, awards, and indemnities	$10,000.00	$10,000.00	$9,762.81
Unobligated balance			237.19
Total	10,000.00	10,000.00	10,000.00

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Losses by Fire, Burglary, etc.— Indefinite appropriation to enable the Postmaster General to pay to postmasters or credit them with the amount ascertained to have been lost or destroyed through burglary, fire or other unavoidable casualty resulting from no fault or negligence on the part of such postmasters (*U. S. C., pp. 1237, 2085, sec. 49*)	70,000.00	70,000.00

53 Refunds, awards, and indemnities: Expenditures—1929, $70,000; 1928, $70,000; 1927, $50,697.41.

OFFICE OF THE CHIEF INSPECTOR

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Post Office Inspectors, Salaries— Office of Chief Inspector: For salaries of fifteen inspectors in charge of divisions, at $4,500 each; and five hundred and twenty-five inspectors, [$1,945,475] *$1,974,300;* in all, [$2,012,975] *$2,041,800: Provided,* That the appointment of additional inspectors shall be made upon certification of the Civil Service Commission, as heretofore practiced (*U. S. C., pp. 1276, 2087, sec. 692; pp. 1276–1277, sec. 693; act Jan. 26, 1927, vol. 44, p. 1047*)	2,041,800.00	2,012,975.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
01 Personal services	$2,041,800	$2,012,975	$1,938,365
Unobligated balance			14,535
Total	2,041,800	2,012,975	1,952,900

Annual salary:	Number of employees July 1, 1928	Number of employees July 1, 1927	Number of employees June 30, 1927	Number of employees July 1, 1926
$4,500		15	15	15
$4,000		182	182	179
$3,800		167	158	164
$3,500		62	63	27
$3,200		69	74	57
$3,000		12	13	71
$2,800		25	29	15
Total	540	532	534	528

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Post Office Inspectors, Traveling Expenses— For traveling expenses of inspectors, inspectors in charge, the chief post-office inspector, and the assistant chief post-office inspector, and for the traveling expenses of four clerks performing stenographic and clerical assistance to post-office inspectors in the investigation of important fraud cases, and for tests, exhibits, documents, photographs, office and other necessary expenses incurred by post-office inspectors in connection with their official investigations (*U. S. C., p. 1276, sec. 691; p. 1277, sec. 694; acts June 3, 1926, vol. 44, p. 688; Jan. 26, 1927, vol. 44, p. 1047*)	$479,000.00	$479,085.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
06	Travel expenses	$471,500	$471,585	$427,407
13	Special and miscellaneous current expenses	7,500	7,500	6,132
	Total	479,000	479,085	433,539
	Unobligated balance			6,461
	Total	479,000	479,085	440,000

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Post Office Inspectors, Miscellaneous Expenses, Division Headquarters— For necessary miscellaneous expenses at division headquarters (*act Jan. 26, 1927, vol. 44, p. 1047*)	14,000.00	14,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Communication service:			
0500	Telegraph service	$6,000	$6,000	$4,945
0510	Telephone service	7,000	7,000	7,472
05	Total communication service	13,000	13,000	12,417
13	Special and miscellaneous current expenses	1,000	1,000	363
				12,780
	Unobligated balance			1,220
	Total	14,000	14,000	14,000

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Post Office Inspectors, Clerks, Division Headquarters— For compensation of one hundred and [fifteen] *thirty* clerks at division headquarters (*U. S. C., p. 1277, secs. 698–699; act Jan. 26, 1927, vol. 44, p. 1047*)	315,000.00	290,875.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
01	Personal services	$315,000	$290,875	$286,331
	Unobligated balance			2,169
	Total	315,000	290,875	288,500

Annual salary:	*Number of employees July 1, 1928*	*Number of employees July 1, 1927*	*Number of employees June 30, 1927*	*Number of employees July 1, 1926*
$3,000		15	15	15
$2,600		35	34	32
$2,450		51	52	51
$2,300		3	3	8
$2,150		5	6	4
$2,000		1	1	3
$1,900		3	3	1
Total	130	113	114	114

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Payment of Rewards—		
For payment of rewards for the detection, arrest, and conviction of post-office burglars, robbers, and highway mail robbers, $45,000: *Provided*, That rewards may be paid, in the discretion of the Postmaster General, when an offender of the class mentioned was killed in the act of committing the crime or in the resisting lawful arrest: *Provided further*, That no part of this sum shall be used to pay any rewards at rates in excess of those specified in Post Office Department Order 7708, dated July 1, 1922, except that not more than $2,000 may be paid, in the discretion of the Postmaster General, for the arrest and conviction of any person on the charge of robbing a postmaster or any employee of a post office of money or property of the United States: *Provided further*, That of the amount herein appropriated not to exceed [$10,000] *$20,000* may be expended, in the discretion of the Postmaster General, for the purpose of securing information concerning violations of the postal laws and for services and information looking toward the apprehension of criminals (*U. S. C., p. 1235, sec. 9; act Jan. 26, 1927, vol. 44, p. 1047*)	$45,000.00	$45,000.00
53 Refunds, awards, and indemnities: Expenditures—1929, $45,000; 1928, $45,000; 1927, $63,240.		
Total	3,385,300.00	3,302,435.00
OFFICE OF THE FIRST ASSISTANT POSTMASTER GENERAL		
Compensation to Postmasters—		
For compensation to postmasters (*U. S. C., p. 1236, sec. 31; p. 1238, sec. 54; pp. 1238, 2085, sec. 57; act Jan. 26, 1927, vol. 44, p. 1048*)	52,000,000.00	51,500,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
01 Personal services	$52,000,000	$51,200,000	$50,550,000
Unobligated balance			700,000
Reserve		300,000	
Total	52,000,000	51,500,000	51,250,000

Annual salary:	*Number of employees July 1, 1928*	*Number of employees July 1, 1927*	*Number of employees June 30, 1927*	*Number of employees July 1, 1926*
$8,000		14	14	14
$6,000		90	85	85
$5,000		18	16	16
$4,500		29	28	28
$4,200		47	47	47
$4,000		33	23	23
$3,900		44	46	46
$3,800		74	74	74
$3,700		73	71	71
$3,600		113	104	104
$3,500		105	95	95
$3,400		122	134	134
$3,300		153	133	133
$3,200		214	197	196
$3,000		188	192	193
$2,900		266	244	243
$2,800		317	318	318
$2,700		390	378	378
$2,600		410	397	398
$2,500		530	526	527
$2,400		1,318	1,271	1,273
$2,300		460	461	462
$2,200		637	642	641
$2,100		882	853	856
$2,000		959	979	979
$1,900		1,164	1,101	1,101
$1,800		1,132	1,130	1,127
$1,700		787	831	832
$1,600		966	974	972
$1,500		1,145	1,092	1,093
$1,400		888	901	901
$1,300		928	993	992
$1,200		490	486	485
$1,100		666	623	624
Presidential postmasters	15,902	15,652	15,459	15,461
Fourth-class postmasters	34,365	34,615	34,807	35,131
Total	50,267	50,267	50,266	50,592

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Compensation to Assistant Postmasters— For compensation to assistant postmasters at first and second class post offices (*U. S. C., pp. 1240–1241, sec. 86; p. 1241, sec. 88; act Jan. 26, 1927, vol. 44, p. 1048*)	$7,250,000.00	$7,150,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
01 Personal services	$7,250,000	$7,150,000	$6,970,000
Unobligated balance			180,000
Total	7,250,000	7,150,000	7,150,000

Annual salary:	*Number of employees July 1, 1928*	*Number of employees July 1, 1927*	*Number of employees June 30, 1927*	*Number of employees July 1, 1926*
$4,900		3	2	2
$4,800		10	7	6
$4,700		5	5	4
$4,600		4	7	8
$4,300		3	3	3
$4,100		12	10	10
$4,000		10	9	9
$3,900		25	26	27
$3,700		39	36	36
$3,500		21	18	17
$3,400			1	1
$3,300		25	24	23
$3,200		50	49	48
$3,100		34	24	24
$3,000		42	45	45
$2,900		75	75	77
$2,800		67	69	69
$2,700		216	196	196
$2,600		478	453	456
$2,500		182	184	168
$2,400		524	518	512
$2,300		573	603	592
$2,200		353	381	407
Total	2,791	2,751	2,745	2,740

Clerks, First and Second Class Post Offices— For compensation to clerks and employees at first and second class post offices, including auxiliary clerk hire at summer and winter post offices, and printers, mechanics, and skilled laborers (*U. S. C., pp. 1240–1241, sec. 86; p. 1241, secs. 91–96; p. 1242, secs. 103, 110, 112; pp. 1242–1243, sec. 113; pp. 1243–1244, sec. 117; p. 1244, secs. 124, 126, 127; p. 1286, sec. 821; act Jan. 26, 1927, vol. 44, p. 1048*) | 172,500,000.00 | 172,400,000.00 |

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
01 Personal services	$172,500,000	$165,000,000	$157,650,000
Unobligated balance			6,000,000
Reserve		7,400,000	
Total	172,500,000	172,400,000	163,650,000

Annual salary:	*Number of employees July 1, 1928*	*Number of employees July 1, 1927*	*Number of employees June 30, 1927*	*Number of employees July 1, 1926*
$4,700		6	4	4
$4,500		8	7	6
$4,300		13	13	14
$4,100		31	25	23
$4,000		7	9	9
$3,900		46	37	37
$3,800		36	32	31
$3,700		59	55	57
$3,600		21	22	23
$3,500		150	132	129
$3,400		51	51	51
$3,300		136	117	111
$3,200		54	48	50
$3,100		298	291	300
$3,000		140	122	119
$2,900		209	208	266
$2,800		508	474	470
$2,700		823	672	676
$2,600		1,433	1,452	1,478
$2,500		1,562	1,645	1,531
$2,400		607	604	555
$2,300		8,125	8,014	7,905
$2,200		709	728	722
$2,100		39,444	38,387	36,850
$2,000		5,491	5,536	4,560
$1,900		3,967	4,323	5,512
$1,800		3,480	3,679	3,969
$1,700		1,677	2,021	2,254
Total regular employees	70,708	69,091	68,708	67,652
Auxiliary and substitute service, average number	8,170	7,856	7,416	7,416
Overtime service, average number	850	815	800	800
Total	79,728	77,762	76,924	75,868

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Watchmen, Messengers, and Laborers—		
For compensation to watchmen, messengers, laborers, and substitutes (*U. S. C., p. 1242, sec. 101; pp. 1243–1244, sec. 117; act Jan. 26, 1927, vol. 44, p. 1048*)	$8,750,000.00	$8,100,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
01 Personal services	$8,760,000	$8,100,000	$7,634,600

	Number of employees July 1, 1928	Number of employees July 1, 1927	Number of employees June 30, 1927	Number of employees July 1, 1926
Annual salary:				
$1,600		3,801	3,677	3,632
$1,500		565	635	584
Total regular employees	4,612	4,366	4,312	4,216
Substitute, overtime, and vacation, average number	623	602	602	
Total	5,238	4,968	4,914	

Clerks, Contract Stations—			
For compensation to clerks in charge of contract stations (*U. S. C., p. 1246, sec. 161; act Jan. 26, 1927, vol. 44, p. 1048*)	1,800,000.00		1,800,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
01 Personal services	$1,800,000	$1,700,000	$1,683,000
Unobligated balance			67,000
Reserve		100,000	
Total	1,800,000	1,800,000	1,650,000

	Number of employees July 1, 1928	Number of employees July 1, 1927	Number of employees July 1, 1926
	5,790	5,600	5,486

Separating Mails—			
For separating mails at third and fourth class post offices (*U. S. C., p. 1238, sec. 58; p. 1240, sec. 82; act Jan. 26, 1927, vol. 44, p. 1048*)	540,000.00		515,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
01 Personal services	$540,000	$500,000	$480,000
Unobligated balance			20,000
Reserve		15,000	
Total	540,000	515,000	500,000

Unusual Conditions at Post Offices—			
For unusual conditions at post offices (*U. S. C., p. 1238, sec. 58; p. 1245, sec. 133; act Jan. 26, 1927, vol. 44, p. 1048*)	125,000.00		100,000.00

01 Personal services: Expenditures—1929, $125,000; 1928, $100,000; 1927, $100,000.

Clerks, Third Class Post Offices—			
For allowances to third-class post offices to cover the cost of clerical services (*U. S. C., p. 1240, secs. 81, 84; p. 1241, sec. 89; act Jan. 26, 1927, vol. 44, p. 1048*)	9,000,000.00		8,800,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
01 Personal services	$9,000,000	$8,750,000	$8,565,000
Unobligated balance			85,000
Reserve		50,000	
Total	9,000,000	8,800,000	8,650,000

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Rent, Light, and Fuel—		
For rent, light, and fuel for first, second, and third class post offices (*U. S. C., p. 1235, secs. 11–12; p. 2085, sec. 14; act Jan. 26, 1927, vol. 44, p. 1048*)	$18, 250, 000. 00	$18, 100, 000. 00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
10 Furnishing of heat, light, power, water, and electricity	$3, 650, 000	$3, 560, 000	$3, 220, 000
11 Rents	14, 600, 000	14, 240, 000	12, 880, 000
		17, 800, 000	16, 100, 000
Unobligated balance			395, 000
Reserve		300, 000	
Total	18, 250, 000	18, 100, 000	16, 495, 000

Miscellaneous Items, First and Second Class Post Offices—		
For miscellaneous items necessary and incidental to post offices of the first and second classes (*act Jan. 26, 1927, vol. 44, p. 1048*)	1, 970, 000. 00	1, 750, 000. 00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
01 Personal services	$1, 474, 800	$1, 282, 200	$1, 074, 200
0210 Medical and hospital supplies	4, 000	7, 600	7, 600
Communication service:			
0500 Telegraph service	2, 000	2, 000	2, 000
0510 Telephone service	400, 000	390, 000	380, 000
05 Total communication service	402, 000	392, 000	382, 000
06 Travel expenses	2, 200	2, 200	2, 200
07 Transportation of things (service)	5, 000	5, 000	5, 000
08 Printing, engraving, lithographing, binding, photographing, and typewriting (service)	10, 000	10, 000	10, 000
10 Furnishing of heat, light, power, water, and electricity	35, 000	30, 000	25, 000
11 Rents	9, 000	8, 000	7, 000
Special and miscellaneous current expenses:			
1376 For rental, purchase, and maintenance of burglar alarm service at post offices where necessary	15, 000		
13 Special and miscellaneous current expenses	13, 000	13, 000	12, 000
13 Total special and miscellaneous current expenses	28, 000	13, 000	12, 000
			1, 525, 000
Unobligated balance			77, 000
Total	1, 970, 000	1, 750, 000	1, 602, 000

Village Delivery Service—		
For village delivery service in towns and villages having post offices of the second or third class, and in communities adjacent to cities having city delivery (*U. S. C., p. 1242, sec. 106; act Jan. 26, 1927, vol. 44, p. 1048*)	1, 680, 000. 00	1, 680, 000. 00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
01 Personal services	$1, 680, 000	$1, 500, 000	$1, 510, 000
Unobligated balance			470, 000
Reserve		180, 000	
Total	1, 680, 000	1, 680, 000	1, 980, 000

Annual salary:	*Number of employees July 1, 1928*	*Number of employees July 1, 1927*	*Number of employees June 30, 1927*	*Number of employees July 1, 1926*
$1,350		588	584	701
$1,250		117	112	130
$1,150		170	167	188
$675		12	12	16
Total regular employees	1, 012	887	875	1, 035
Auxiliary, vacation, and sick leave, average number	70	70	70	70
Total	1, 082	957	945	1, 105

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Detroit River Postal Service—		
For Detroit River postal service (*U. S. C., p. 1284, sec. 802; act Jan. 26, 1927, vol. 44, p. 1048*)	$18,000.00	$18,000.00
07 Transportation of things (service): Expenditures—1929, $18,000; 1928, $18,000; 1927, $18,000.		
Car Fare and Bicycle Allowance—		
For car fare and bicycle allowance, including special-delivery car fare (*U. S. C., p. 1241, sec. 99, p. 1247, secs. 175–176; act Jan. 26, 1927, vol. 44, p. 1048*)	1,425,000.00	1,325,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
06 Travel expenses	$1,425,000	$1,300,000	$1,150,000
Unobligated balance			25,000
Reserve		25,000	
Total	1,425,000	1,325,000	1,175,000

City Delivery Carriers—		
For pay of letter carriers, City Delivery Service (*U. S. C., p. 1242, secs. 103, 112; pp. 1242–1243, sec. 113; p. 1243, sec. 115; pp. 1243–1244, sec. 117; p. 1244, secs. 124, 126, 127; p. 1245, sec. 151; act Jan. 26, 1927, vol. 44, p. 1048*)	126,650,000.00	122,200,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
01 Personal services	$126,650,000	$120,500,000	$113,400,000
Unobligated balance			3,200,000
Reserve		1,700,000	
Total	126,650,000	122,200,000	116,600,000

Annual salary:	Number of employees July 1, 1928	Number of employees July 1, 1927	Number of employees June 30, 1927	Number of employees July 1, 1926
$2,400		6	6	6
$2,100		39,987	39,088	38,296
$2,000		4,126	4,206	3,219
$1,900		3,015	3,171	3,723
$1,800		2,008	2,185	2,154
$1,700		1,190	1,461	1,247
Total regular employees	51,917	50,332	50,117	48,645
Auxiliary and substitute service, average number	8,170	7,856	7,500	7,200
Overtime service, average number	650	625	625	600
Total	60,737	58,813	58,242	56,445

Special Delivery Fees—		
For fees to special-delivery messengers (*U. S. C., p. 1246, secs. 167, 169; p. 1247, sec. 170; act Jan. 26, 1927, vol. 44, p. 1048*)	8,250,000.00	8,000,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
01 Personal services	$8,250,000	$8,000,000	$7,690,000
Unobligated balance			910,000
Total	8,250,000	8,000,000	8,600,000

Pneumatic Tube Service—		
For the transmission of mail by pneumatic tubes or other similar devices in the city of New York, including the Borough of Brooklyn of the city of New York, including power, labor, and all other operating expenses (*U. S. C., pp. 1260–1261, sec. 423; act Jan. 26, 1927, vol. 44, p. 1048*)	530,000.00	526,373.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
07 Transportation of things (service)	$530,000.00	$526,373.00	$526,242.69
Unobligated balance			130.31
Total	530,000.00	526,373.00	526,373.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Pneumatic Tube Service, Boston— For the rental of not exceeding two miles of pneumatic tubes, not including labor and power in operating the same, for the transmission of mail in the city of Boston, Massachusetts, $24,000: *Provided*, That the provisions not inconsistent herewith of the acts of April 21, 1902, and May 27, 1908, relating to the transmission of mail by pneumatic tubes or other similar devices shall be applicable hereto (*U. S. C., pp. 1260–1261, sec. 423; act Jan. 26, 1927, vol. 44, p. 1048*)	$24,000.00	$24,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
07	Transportation of things (service)	$24,000.00	$24,000.00	$23,997.38
	Unobligated balance			2.62
	Total	24,000.00	24,000.00	24,000.00

Vehicle Service— For vehicle allowance, the hiring of drivers, the rental of vehicles, and the purchase and exchange and maintenance, including stable and garage facilities, of wagons or automobiles for, and the operation of, screen-wagon and city delivery and collection service, [$19,000,000] *$19,450,000*: *Provided*, That the Postmaster General may, in his disbursement of this appropriation, apply a part thereof to the leasing of quarters for the housing of Government-owned automobiles at a reasonable annual rental for a term not exceeding ten years: *Provided further*, That this appropriation is available for the maintenance of the Government-owned post office garage at Washington, District of Columbia, including such changes and additions to the mechanical equipment as, in the opinion of the Postmaster General, may be necessary: *Provided further, That the Postmaster General, during the fiscal years 1928 and 1929, may purchase and maintain from the appropriation "Vehicle service," such tractors and trailer trucks as may be required in the operation of the screen wagon and city delivery and collection service (U. S. C., p. 1243, sec. 116; p. 1265, secs. 483, 493; p. 1284, sec. 802; act Jan. 26, 1927, vol. 44, p. 1048)* — 19,450,000.00 — 19,000,000.00

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
		Average— No.	Salary	Average— No.	Salary	Average— No.	Salary
	Salaries and wages:						
	Superintendent	62	$3,022	61	$2,984	60	$2,947
	Assistant superintendent	5	2,800	5	2,800	5	2,800
	Chief of records	49	2,506	48	2,498	47	2,462
	Chief of supplies	26	2,319	25	2,312	24	2,300
	Chief dispatcher	15	2,433	14	2,429	13	2,408
	Route supervisor	23	2,552	22	2,536	21	2,524
	Dispatcher	114	2,200	112	2,188	110	2,175
	Chief mechanic	38	2,637	37	2,627	36	2,617
	Mechanic in charge	62	2,384	60	2,380	58	2,362
	Special mechanic	482	2,268	474	2,287	466	2,279
	General mechanic	487	2,059	469	2,076	451	2,068
	Special clerk	63	2,287	60	2,286	57	2,285
	Clerk	92	2,077	90	2,072	89	2,061
	Mechanics' helper	108	1,600	106	1,600	104	1,600
	Driver-mechanic	1,785	1,929	1,765	1,936	1,745	1,923
	Garage man-driver	560	1,639	544	1,638	528	1,637
	Employment of temporary personnel	527	1,591	536	1,591	543	1,591
	Total number of employees	4,498		4,428		4,357	
01	Total personal services		8,783,563		8,660,514		8,474,369
	Supplies and materials:						
	0230 Fuel		1,669,903		1,564,274		1,401,814
	0280 Sundry supplies		185,816		172,368		158,942
	0290 Materials		30,413		26,854		22,421
02	Total supplies and materials		1,886,132		1,763,496		1,583,177
05	Communication service		18,264		18,238		17,682
06	Travel expenses		10,707		10,018		8,229
07	Transportation of things (service)		4,693,944		4,494,364		4,302,079
10	Furnishing of heat, light, power, water, and electricity		141,121		136,706		115,182
11	Rents		1,240,611		1,164,490		1,066,532
12	Repairs and alterations		1,912,195		1,809,755		1,554,785
13	Special and miscellaneous current expenses		8,629		8,062		6,292
30	Equipment		754,834		934,357		258,951
							17,387,278
	Unobligated balance						7,259
	Total		19,450,000		19,000,000		17,394,537

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Travel Expenses, etc., First Assistant Postmaster General— For travel and miscellaneous expenses in the Postal Service, office of the First Assistant Postmaster General (*act Jan. 26, 1927, vol. 44, p. 1048*)	$1,000.00	$1,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
06 Travel expenses	$1,000.00	$500.00	$27.55
Unobligated balance			972.45
Reserve		500.00	
Total	1,000.00	1,000.00	1,000.00

Total	430,213,000.00	422,989,373.00

OFFICE OF THE SECOND ASSISTANT POSTMASTER GENERAL

Star-Route Service, Alaska— For inland transportation by star routes in Alaska (*U. S. C., p. 1265, sec. 483; act Jan. 26, 1927, vol. 44, p. 1048*)	155,000.00	165,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
07 Transportation of things (service)	$155,000	$148,235	$131,468
Unobligated balance			38,532
Reserve		16,765	
Total	155,000	165,000	170,000

Power Boat Service— For inland transportation by steamboat or other power-boat routes, including ship, steamboat, and way letters (*U. S. C., p. 1265, secs. 483, 494; act Jan. 26, 1927, vol. 44, p. 1048*)	1,450,000.00	1,425,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
07 Transportation of things (service)	$1,450,000	$1,392,895	$1,290,791
Unobligated balance			259,209
Reserve		32,105	
Total	1,450,000	1,425,000	1,550,000

Railroad Transportation and Mail Messenger Service— For inland transportation by railroad routes and for mail messenger service, [$111,000,000] *$111,500,000*: *Provided*, That not to exceed $1,500,000 of this appropriation may be expended for pay of freight and incidental charges for the transportation of mails conveyed under special arrangement in freight trains or otherwise: *Provided further*, That separate accounts be kept of the amount expended for mail messenger service: *Provided further*, That there may be expended from this appropriation for clerical and other assistance in the District of Columbia not exceeding the sum of $82,000 to carry out the provisions of section 5 of the act of July 28, 1916 (the space basis act), and not exceeding the sum of $33,000 to carry out the provisions of section 214 of the act of February 28, 1925 (cost ascertainment) (*U. S. C., p. 45, secs. 298; p. 1267, sec. 524; p. 1268, sec. 542; p. 1271, sec. 579; p. 1286, sec. 826; act Jan. 26, 1927, vol. 44, pp. 1048–1049*)	111,500,000.00	111,000,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Railroad Transportation and Mail Messenger Service—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average—		*Average*—		*Average*—	
Salaries:	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Special assistant to Attorney General	1	$7,500	1	$7,500	1	$7,500
Superintendent	3	3,933	3	3,933	2.2	3,923
Accountant	1	4,800	1	4,800	1	4,800
Chief clerk and statistician					0.2	3,200
Clerk	50	1,495	50	1,496	43	1,527
Messenger	1	1,140	1	1,110	1	1,080
Total number of employees	56		56		48.4	
Total salaries, District of Columbia		100,000.00		100,000.00		88,091.18
Total salaries, field service		142,000.00		142,000.00		112,477.01
01 Total personal services		242,000.00		242,000.00		200,568.19
02 Supplies and materials		5,000.00		5,000.00		5,516.11
06 Travel expenses		10,000.00		10,000.00		7,633.97
07 Transportation of things (service)		111,240,000.00		109,209,950.00		106,919,903.00
11 Rents		2,300.00		2,300.00		182.00
12 Repairs and alterations		700.00		700.00		109.53
Total		111,500,000.00		109,469,950.00		107,133,912.80
Unobligated balance						6,366,087.20
Reserve				1,530,050.00		
Total		111,500,000.00		111,000,000.00		113,500,000.00

Airplane Service Between New York and San Francisco—

[For the operation and maintenance of the airplane mail service between New York, New York, and San Francisco, California, via Chicago, Illinois, and Omaha, Nebraska, and for the installation, equipment, and operation of the airplane mail service by night flying, and to enable the department to make the additional charges for both night and day service on first-class mail matter, in accordance with existing law, including necessary incidental expenses and employment of necessary personnel, $2,150,000: *Provided*, That $50,000 of this appropriation shall be available for the payment of personal services in the District of Columbia, and incidental and travel expenses in connection with such personnel: *Provided further*, That $500,000 of this appropriation may be transferred to and expended for "Contract Air Mail Service, 1928," in the event that the service on the Government-operated routes is changed to contract service, of which not exceeding $3,000 may be expended for personal services in the District of Columbia] (*U. S. C., pp. 1255–1256, sec. 299; p. 1264, sec. 467; act Jan. 26, 1927, vol. 44, p. 1049*) $2,150,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average—		*Average*—		*Average*—	
Salaries:	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
General superintendent					1	$4,800
Assistant general superintendent			0.5	$4,000	1	4,000
Chief clerk			1	3,000	3	3,000
Division superintendent			0.2	4,000	7	3,600
Assistant division superintendent			0.1	3,300	3	3,200
Field manager			2	2,600	14	2,600
Engineer					3	2,700
Clerk			3.5	2,300	9	2,300
Clerk			14.5	1,900	35	1,900
Wages:						
Chief mechanic			3.5	2,400	20	2,400
Mechanic			35	2,200	151	2,200
Mechanic					13	2,000
Mechanic's helper			18	1,700	28	1,700
Laborer			1	1,500	2	1,500
Watchman			3	1,500	8	1,500
Radio operator					41	2,300
Pilot			3	3,100	46	3,100
Caretaker					78	1,200
Fireman					4	1,500
Steam engineer					1	2,100
Total number of employees			85.3		468	
Total salaries and wages				178,265.00		991,700.00
Pilot's mileage pay				22,000.00		205,267.80
01 Total personal services				200,265.00		1,196,967.80

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Airplane Service Between New York and San Francisco—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Supplies and materials:			
0230 Fuel		$22,000.00	$201,628.78
0280 Sundry supplies		7,200.00	609,977.67
02 Total supplies and materials		29,200.00	811,606.45
05 Communication service		1,600.00	32,213.67
06 Travel expenses		2,500.00	36,759.80
10 Furnishing of heat, light, power, water, and electricity		4,435.00	143,927.98
13 Special and miscellaneous current expenses		6,000.00	9,789.07
32 Structures and parts, and nonstructural improvements to land (includes fixed equipment)		6,000.00	24,655.02
Total		250,000.00	2,255,919.79
Unobligated balance			394,080.21
Reserve		1,900,000.00	
Total		2,150,000.00	2,650,000.00

NOTE.—Average number and rate shown for 1928 are for a 6-month period, as the service will be closed out by Dec. 31, 1927, if possible.

Railway Mail Service, Salaries—

Railway Mail Service: For fifteen division superintendents, fifteen assistant division superintendents, two assistant superintendents at large, one assistant superintendent in charge of car construction, one hundred and twenty-one chief clerks, one hundred and twenty-one assistant chief clerks, clerks in charge of sections in the offices of division superintendents, railway postal clerks, substitute railway postal clerks, joint employees, and laborers in the Railway Mail Service (*U. S. C., p. 1271, sec. 602; p. 1272, secs. 605, 606, 609, 610, 613, 614, 616, 629; pp. 1273–1274, secs. 635; p. 1274, sec. 637; act Jan. 26, 1927, vol. 44, p. 1049*) $57,000,000.00 $56,750,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
01 Personal services	$57,000,000.00	$56,750,000.00	$52,987,073.90
Unobligated balance			2,917,047.10
Total	57,000,000.00	56,750,000.00	55,904,121.00

Annual salary:	*Number of employees July 1, 1928*	*Number of employees July 1, 1927*	*Number of employees June 30, 1927*	*Number of employees July 1, 1926*
$4,500		15	15	15
$3,600		17	17	17
$3,300		122	122	122
$2,800		181	181	181
$2,700		16	16	13
$2,600		5,412	5,395	5,388
$2,450		12,371	12,204	12,191
$2,300		801	899	725
$2,150		275	350	459
$2,000		30	36	40
$1,900		10	15	10
$1,600		686	668	692
$1,500		94	112	65
$300		13	13	12
$240		1	1	1
$180		1	1	1
$12		1	1	1
Total regular employees	20,511	20,046	20,046	19,933
Substitute and auxiliary service, average number	2,999	2,933	2,933	2,594
Overtime service, average number	404	403	403	403
Total	23,914	23,382	23,382	22,930

Railway Postal Clerks, Travel Allowances—

For travel allowance to railway postal clerks and substitute railway postal clerks (*U. S. C., p. 1272, sec. 615; p. 1273, sec. 633; act Jan. 26, 1927, vol. 44, p. 1049*) 4,150,000.00 3,875,000.00

06 Travel expenses: Expenditures—1929, $4,150,000; 1928, $3,875,000; 1927, $3,825,251.26.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Railway Mail Service, Traveling Expenses— For actual and necessary expenses, general superintendent and assistant general superintendent, division superintendents, assistant division superintendents, assistant superintendents, chief clerks, and assistant chief clerks, Railway Mail Service, and railway postal clerks, while actually traveling on business of the Post Office Department and away from their several designated headquarters (*U. S. C., p. 1271, secs. 601, 604; acts June 3, 1926, vol. 44, p. 688; Jan. 26, 1927, vol. 44, p. 1049*)	$75,000.00	$75,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
06	Travel expenses	$75,000.00	$75,000.00	$58,048.03
	Unobligated balance			3,951.97
	Total	75,000.00	75,000.00	62,000.00

Railway Mail Service, Miscellaneous Expenses— For rent, light, heat, fuel, telegraph, miscellaneous and office expenses, telephone service, badges for railway postal clerks, for the purchase or rental of arms and miscellaneous items necessary for the protection of the mails, and rental of space for terminal railway post offices for the distribution of mails when the furnishing of space for such distribution can not, under the Postal Laws and Regulations, properly be required of railroad companies without additional compensation, and for equipment and miscellaneous items necessary to terminal railway post offices (*U. S. C., pp. 1271, 2086, sec. 577; act Jan. 26, 1927, vol. 44, p. 1049*) 1,325,000.00 1,225,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Communication service:			
0500	Telegraph service	$15,000.00	$15,000.00	$11,246.58
0510	Telephone service	43,760.00	39,860.00	35,004.25
05	Total communication service	58,760.00	54,860.00	46,250.83
11	Rents	1,113,302.00	1,071,931.00	1,012,282.64
13	Special and miscellaneous current expenses	109,810.00	59,484.00	10,227.05
30	Equipment	43,128.00	38,725.00	27,589.29
				1,096,349.81
	Unobligated balance			73,650.19
	Total	1,325,000.00	1,225,000.00	1,170,000.00

Electric and Cable Car Service— For electric and cable-car service (*U. S. C., p. 1270, sec. 570; act Jan. 26, 1927, vol. 44, p. 1049*) 730,000.00 735,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
07	Transportation of things (service)	$730,000	$711,520	$688,037
	Unobligated balance			36,963
	Reserve		23,480	
	Total	730,000	735,000	725,000

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Foreign Mail Transportation—		
For transportation of foreign mails by steamship, aircraft, or otherwise, [$8,700,000] *$9,800,000*: *Provided*, That not to exceed [$150,000] *$300,000* of this sum may be expended for carrying foreign mail by aircraft: *Provided further*, That the Postmaster General shall be authorized to expend such sums as may be necessary, not to exceed $200,000, to cover the cost to the United States for maintaining sea post service on ocean steamships conveying the mails to and from the United States; and not to exceed [$3,000] *$3,600* for the salary of the Assistant Superintendent, Division of Foreign Mails, with headquarters at New York City: *Provided further*, That [no part of this appropriation shall be expended for payments on any contracts heretofore made under the authority of section 24 of the merchant marine act, 1920] *not exceeding $10,000 of this sum may be immediately available for the expenses of delegates to the Universal Postal Congress at London (such delegates to be designated from the Post Office Department by the Postmaster General) to be expended in the discretion of the Postmaster General and accounted for on his certificate, which certificate shall be conclusive on the accounting officers of the United States (U. S. C., p. 1274, sec. 652; pp. 1274, 2086–2087, sec. 654; pp. 1275–1276, sec. 677; p. 1276, secs. 668, 672; p. 1538, sec. 866; act Jan. 26, 1927, vol. 44, pp. 1049–1050)*	$9,800,000.00	$8,700,000.00

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Field service:	*Average*—		*Average*—		*Average*—	
	Salaries—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Postal agent at Habana	1	$3,600	1	$3,600	1	$3,575
	Assistant superintendent at New York	1	3,600	1	3,000	1	3,000
	Clerks, office of assistant superintendent at New York	2	2,700	2	2,700	0.5	2,700
	Clerks in charge, sea post service	45	2,500	39	2,500	39	2,500
	Clerks, sea post	14	2,300	14	2,300	14.2	2,300
	Total average number of employees	63		57		55.7	
01	Total salaries, field service		157,300		141,700		138,085
03	Subsistence and support of persons (service)		21,000		18,000		14,362
05	Communication service		2,500		2,000		1,540
06	Travel expenses		1,000		3,000		948
07	Transportation of things (service)		9,617,840		8,534,940		7,805,849
11	Rents		360		360		360
	Total		9,800,000		8,700,000		7,961,144
	Unobligated balance						38,856
	Total		9,800,000		8,700,000		8,000,000

	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Balances due Foreign Countries—		
For balances due foreign countries (*U. S. C., p. 49, sec. 372; act Jan. 26, 1927, vol. 44, p. 1050*)	2,200,000.00	1,850,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
07	Transportation of things (service)	$2,200,000	$1,850,000	$1,430,893
	Unobligated balance			269,107
	Total	2,200,000	1,850,000	1,700,000

	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Travel Expenses, etc., Second Assistant Postmaster General—		
For travel and miscellaneous expenses in the Postal Service, office of the Second Assistant Postmaster General (*act Jan. 26, 1927, vol. 44, p. 1050*)	1,200.00	1,000.00
06 Travel expenses: Expenditures—1929, $1,200; 1928, $1,000; 1927, $1,000.		
Contract Air Mail Service—		
For the inland transportation of mail by aircraft, under contract, and for the incidental expenses thereof, in accordance with the act approved February 2, 1925, and amended June 3, 1926, [$2,000,000] *$6,000,000*: *Provided*, That [$12,000] *$19,100* of this appropriation shall be available for the payment for personal services in the District of Columbia, incidental and travel expenses (*U. S. C., p. 1264, sec. 463; pp. 1264, 2086, sec. 464; act Jan. 26, 1927, vol. 44, p. 1050*)	6,000,000.00	2,000,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Contract Air Mail Service—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Departmental service:			
Salaries—	*Average—*	*Average—*	*Average—*
	No. *Salary*	*No.* *Salary*	*No.* *Salary*
Superintendent	1 $3,800	1 $3,800	1 $3,800
Assistant superintendent	1 3,100	1 3,100	0.2 3,300
Chief clerk			1 3,000
Clerk	6 1,683	4 1,575	1.8 1,440
Total average number of employees	8	6	4
Total salaries, departmental service	17,000.00	13,200.00	9,815.08
Field service:			
Salaries—			
Assistant superintendent	4 3,000.00		
01 Total personal services	29,000.00	13,200.00	9,815.08
02 Supplies and materials	300.00	200.00	129.17
05 Communication service	600.00	400.00	219.93
Travel expenses:			
Departmental	1,200.00	1,200.00	822.71
Field	2,000.00		
06 Total travel expenses	3,200.00	1,200.00	822.71
07 Transportation of things (service)	5,966,900.00	1,985,000.00	1,363,227.82
Total	6,000,000.00	2,000,000.00	1,374,214.71
Unobligated balance			625,785.29
Total	6,000,000.00	2,000,000.00	2,000,000.00

Total	$194,386,200.00	$189,951,000.00

OFFICE OF THE THIRD ASSISTANT POSTMASTER GENERAL

Manufacture of Postage Stamps and Stamped Paper—
For manufacture of adhesive postage stamps, special-delivery stamps, books of stamps, stamped envelopes, newspaper wrappers, postal cards, and for coiling of stamps (*U. S. C., p. 1257, sec. 351; p. 1258, secs. 354, 356; act Jan. 26, 1927, vol. 44, p. 1050*) 7,950,000.00 7,900,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
02 Supplies and materials	$5,412,000.00	$5,201,000.00	$4,871,988.36
Add amounts transferred to other departments and establishments:			
Public Printer	1,053,000.00	951,000.00	1,150,000.00
Bureau of Engraving and Printing	1,485,000.00	1,548,000.00	1,448,583.35
		7,700,000.00	7,470,571.71
Unobligated balance			279,428.29
Reserve		200,000.00	
Total	7,950,000.00	7,900,000.00	7,750,000.00

Distribution of Stamped Envelopes and Newspaper Wrappers—
For pay of agent and assistants to examine and distribute stamped envelopes and newspaper wrappers, and expenses of agency (*U. S. C., p. 1286, sec. 821; act Jan. 26, 1927, vol. 44, p. 1050*) 23,650.00 23,550.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Annual salary:	*No.*	*No.*	*No.*
$3,300	1	1	
$3,200			1
$2,700	1	1	1
$2,300	1	1	1
$2,100	5	4	4
$2,000		1	
$1,900			1
$1,600	3	3	3
Total number of employees	11	11	11
01 Total personal services	$23,600	$23,500	$23,300
13 Special and miscellaneous current expenses	50	50	50
Total	23,650	23,550	23,350

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Indemnities, Domestic Mail— For payment of limited indemnity for the injury or loss of pieces of domestic registered matter, insured and collect-on-delivery mail, and for failure to remit collect-on-delivery charges (*U. S. C., p. 1251, sec. 244; p. 1259, secs. 381–383; act Jan. 26, 1927, vol. 44, p. 1050*)	$2, 600, 000. 00	$3, 000, 000. 00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
53 Refunds, awards, and indemnities	$2, 600, 000	$2, 522, 000	$2, 350, 000
Unobligated balance			1, 250, 000
Reserve		478, 000	
Total	2, 600, 000	3, 000, 000	3, 600, 000

Indemnities, International Mail— For payment of limited indemnity for the injury or loss of international mail in accordance with convention, treaty, or agreement stipulations (*U. S. C., p. 49, sec. 372; act Jan. 26, 1927, vol. 44, p. 1050*)	50, 000. 00	75, 000. 00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
53 Refunds, awards, and indemnities	$50, 000	$47, 000	$42, 000
Unobligated balance			33, 000
Reserve		28, 000	
Total	50, 000	75, 000	75, 000

Travel Expenses, etc., Third Assistant Postmaster General— For travel and miscellaneous expenses in the Postal Service, office of the Third Assistant Postmaster General (*act Jan. 26, 1927, vol. 44, p. 1050*)	1, 000. 00	1, 000. 00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
06 Travel expenses	$1, 000. 00	$800. 00	$993. 89
Unobligated balance			6. 11
Reserve		200. 00	
Total	1, 000. 00	1, 000. 00	1, 000. 00

Unpaid Money Orders More than One Year Old— Indefinite appropriation to permit the Postmaster General to make payment of domestic money orders after one year from the last day of the month of issue of such orders out of any money in the Treasury to the credit of the Post Office Department to the extent of the moneys paid in on this account, the payments so made to be charged to an appropriation account denominated "Unpaid money orders more than one year old" (*U. S. C., p. 1278, sec. 718*)	150, 000. 00	150, 000. 00
53 Refunds, awards, and indemnities: Expenditures—1929, $150,000; 1928, $150,000; 1927, $127,191.10.		
Total	10, 774, 650. 00	11, 149, 550. 00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
OFFICE OF THE FOURTH ASSISTANT POSTMASTER GENERAL		
Stationery—		
For stationery for the Postal Service, including the money-order and registry systems; and also for the purchase of supplies for the Postal Savings System, including rubber stamps, canceling devices, certificates, envelopes and stamps for use in evidencing deposits, and free penalty envelopes; and for the reimbursement of the Secretary of the Treasury for expenses incident to the preparation, issue, and registration of the bonds authorized by the act of June 25, 1910 (*act Jan. 26, 1927, vol. 44, p. 1050*)	$775,000.00	$825,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Supplies and materials:			
0200	Stationery and office supplies	$761,500.00	$709,000.00	$681,766.43
0280	Sundry supplies	13,500.00	13,000.00	12,441.34
02	Total supplies and materials	775,000.00	722,000.00	694,207.77
	Unobligated balance			199,792.23
	Reserve		103,000.00	
	Total	775,000.00	825,000.00	894,000.00

Post Office Equipment and Supplies—

For miscellaneous equipment and supplies, including the purchase and repair of furniture, package boxes, posts, trucks, baskets, satchels, straps, letter-box paint, baling machines, perforating machines, duplicating machines, printing presses, directories, cleaning supplies, and the manufacture, repair, and exchange of equipment, the erection and painting of letter-box equipment, and for the purchase and repair of presses and dies for use in the manufacture of letter boxes; for postmarking, rating, money-order stamps, and electrotype plates and repairs to same; metal, rubber, and combination type, dates and figures, type holders, ink pads for canceling and stamping purposes, and for the purchase, exchange, and repair of typewriting machines, envelope-opening machines, and computing machines, copying presses, numbering machines, time recorders, letter balances, scales, test weights, and miscellaneous articles purchased and furnished directly to the Postal Service; for miscellaneous expenses in the preparation and publication of post-route maps and rural-delivery maps or blue prints, including tracing for photolithographic reproduction; for other expenditures necessary and incidental to post offices of the first, second, and third classes and offices of the fourth class having or to have Rural Delivery Service, and for letter boxes, [$1,480,000] *$1,525,000;* and the Postmaster General may authorize the sale to the public of post-route maps and rural-delivery maps or blue prints at the cost of printing and 10 per centum thereof added; of this amount $1,500 may be expended in the purchase of atlases and geographical and technical works: *Provided*, That $200,000 of this appropriation may be used for the purchase of equipment and furniture for post-office quarters and for no other purposes (*act Jan. 26, 1927, vol. 44, pp. 1050–1051*) — 1,525,000.00 — 1,480,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
02	Supplies and materials	$100,000.00	$96,300.00	$95,143.41
06	Travel expenses	750.00	750.00	1,134.09
09	Advertising and publication of notices (service)	250.00	250.00	156.08
12	Repairs and alterations	120,000.00	115,000.00	110,307.59
	Equipment:			
3010	Furniture, furnishings, and fixtures	596,000.00	600,000.00	590,506.52
3050	Other equipment	708,000.00	663,000.00	664,560.38
30	Total equipment	1,304,000.00	1,263,000.00	1,255,066.90
			1,475,300.00	1,461,808.07
	Unobligated balance			23,891.93
	Reserve		4,700.00	
	Total	1,525,000.00	1,480,000.00	1,485,700.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Twine and Tying Devices—		
For wrapping twine and tying devices (*act Jan. 26, 1927, vol. 44, p. 1051*)	$500,000.00	$460,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
02 Supplies and materials	$500,000.00	$457,500.00	$426,182.63
Unobligated balance			43,817.37
Reserve		2,500.00	
Total	500,000.00	460,000.00	470,000.00

Shipment of Supplies—

For expenses incident to the shipment of supplies, including hardware, boxing, packing, and *not exceeding $49,750 for* the pay of employees in connection therewith in the District of Columbia [at the following annual rates: Storekeeper, $2,650; foreman, $2,100; requisition fillers—ten at $1,800 each, one at $1,600, two at $1,200 each; packers—nine at $1,800 each, one at $1,600, two at $1,200 each; and two chauffeurs, at $1,400 each]; in all (*U. S. C., p. 1284, sec. 801; act Jan. 26, 1927, vol. 44, p. 1051*) 70,000.00 67,750.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Salaries:	*Average—* No.	*Salary*	*Average—* No.	*Salary*	*Average—* No.	*Salary*
Storekeeper	1	$2,650	1	$2,650	1	$2,650
Foreman	1	2,100	1	2,100	1	2,100
Foreman	10	1,800	10	1,800	10	1,800
Requisition fillers	1	1,600	1	1,600	1	1,600
Requisition fillers	2	1,200	2	1,200	2	1,200
Requisition fillers	9	1,800	9	1,800	9	1,800
Packers	1	1,600	1	1,600	1	1,600
Packers	2	1,200	2	1,200	2	1,200
Chauffeurs	2	1,400	2	1,400	2	1,400
Total number of employees	29		29		29	
01 Total personal services		49,750		49,750		49,750
Supplies and materials:						
0200 Stationery and office supplies		2,000.00		1,500.00		1,056.99
0280 Sundry supplies		18,250.00		16,000.00		11,916.32
02 Total supplies and materials		20,250.00		17,500.00		12,973.31
Total		70,000.00		67,250.00		62,723.31
Unobligated balance						5,026.69
Reserve				500.00		
Total		70,000.00		67,750.00		67,750.00

Labor Saving Devices—

For rental, purchase, exchange, and repair of canceling machines and motors, mechanical mail-handling apparatus, and other labor-saving devices, including cost of power in rented buildings and miscellaneous expenses of installation and operation of same, including salaries of seven traveling mechanicians and for traveling expenses (*U. S. C., p. 1284, sec. 802; act Jan. 26, 1927, vol. 44, p. 1051*) 700,000.00 575,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Salaries:	*Average—* No.	*Salary*	*Average—* No.	*Salary*	*Average—* No.	*Salary*
Traveling mechanician	7	$2,400	7	$2,400	5	$2,400
Total number of employees	7		7		5	
01 Total personal services		16,800		16,800		12,000
06 Travel expenses		15,000.00		13,700.00		10,451.57
10 Furnishing of heat, light, power, water, and electricity		56,000.00		50,000.00		44,812.75
11 Rents		96,000.00		85,500.00		97,782.99
12 Repairs and alterations		30,000.00		29,000.00		27,586.51
30 Equipment		486,200.00		380,000.00		364,330.03
Total		700,000.00		575,000.00		556,963.85
Unobligated balance						4,036.15
Total		700,000.00		575,000.00		561,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Mail Bags and Equipment— For the purchase, manufacture, and repair of mail bags and other mail containers and attachments, mail locks, keys, chains, tools, machinery, and material necessary for same, and for incidental expenses pertaining thereto; also material, machinery, and tools necessary for the manufacture and repair in the equipment shops at Washington, District of Columbia, of such other equipment for the Postal Service as may be deemed expedient; for compensation to labor employed in the equipment shops at Washington, District of Columbia, [$1,980,000] *$2,400,000*, of which not to exceed [$500,000] *$600,000* may be expended for personal services in the District of Columbia: *Provided*, That out of this appropriation the Postmaster General is authorized to use as much of the sum, not exceeding $15,000, as may be deemed necessary for the purchase of material and the manufacture in the equipment shops of such small quantities of distinctive equipments as may be required by other executive departments; and for service in Alaska, Porto Rico, Philippine Islands, Hawaii, or other island possessions (*act Jan. 26, 1927, vol. 44, p. 1051*)	$2, 400, 000. 00	$1, 980, 000. 00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Salaries:						
Clerical, administrative, and fiscal service—	*Average—*		*Average—*		*Average—*	
Grade 11, $3,800 to $5,000; average, $4,400—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Administrative officer	1	$4,000	1	$4,000	1	$3,800
Grade 9, $3,000 to $3,600; average, $3,300—						
Senior administrative assistant	1	3,100	1	3,100	1	3,000
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant	1	2,700	1	2,700	1	2,700
Assistant accountant and auditor	1	2,700	1	2,700	1	2,700
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	1	1,920	1	1,920	1	1,920
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	2	1,860	2	1,860	2	1,860
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	2	1,710	2	1,710	2	1,710
Assistant clerk-stenographer	1	1,620	1	1,620	1	1,620
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	2	1,470	2	1,470	2	1,470
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	1	1,140	1	1,140	1	1,140
Subprofessional service—						
Grade 8, $2,400 to $3,000; average, $2,700—						
Chief engineering draftsman	1	2,500	1	2,500	1	2,500
Grade 5, $1,680 to $2,040; average, $1,860—						
Head nurse	1	1,800	1	1,800	1	1,800
Custodial service—						
Grade 4, $1,140 to $1,500; average, $1,320—						
Undermechanic	3	1,320	3	1,320	3	1,320
Grade 3, $1,020 to $1,260; average, $1,140—						
Senior laborer	25	1,193	25	1,193	25	1,193
Messenger	1	1,200	1	1,200	1	1,200
Grade 2, $900 to $1,140; average, $1,020—						
Subordinate mechanic	45	985	45	985	45	985
Junior laborer	73	943	73	943	55	962
Clerical-mechanical service—						
Grade 4, 80 to 90 cents an hour; average, 85 cents ($2,128.40)—						
Foreman	7	2,075	7	2,075	7	2,075
Grade 3, 65 to 70 cents an hour; average, 67½ cents ($1,690.20)—						
Principal operative	46	1,707	46	1,707	46	1,707
Assistant foreman	2	1,740	2	1,740	2	1,740
Grade 2, 55 to 60 cents an hour; average, 57½ cents ($1,439.80)—						
Senior operative	20	1,407	20	1,407	14	1,420
Grade 1, 45 to 50 cents an hour; average, 47½ cents ($1,189.40)—						
Junior operative	197	1,171	211	1,169	131	1,194
(SKILLED TRADES NOT CLASSIFIED)						
Foreman	1	3,443	1	3,443	1	3,443
Toolmaker	10	2,604	10	2,604	10	2,604
Machinist	13	2,379	13	2,379	13	2,379
Scale repairer	1	2,379	1	2,379	1	2,379
Electrician	2	2,629	2	2,629	2	2,629
Carpenter	3	2,379	3	2,379	3	2,379
Lock maker (expert)	1	2,629	1	2,629	1	2,629
Total classified employees	434	535,063	448	551,035	344	436,301
Total skilled trades	31	77,813	31	77,813	31	77,813
Total annual rate, personal services	465	612,876	479	628,848	375	514,114
Estimated deductions		12,876		13,848		14,919
01 Total personal services		600,000		615,000		499,195

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Mail Bags and Equipment—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Supplies and materials:			
0246 Thread	$47,400.00	$37,200.00	$25,807.62
0282 Castings and forgings	16,500.00	21,427.00	10,401.41
0292 Wire	6,100.00	8,650.00	3,308.17
0292 Dials	3,150.00	2,475.00	----------
0292 Brass	16,500.00	17,586.00	9,406.77
0295 Lacing cords	95,000.00	76,000.00	61,379.43
0295 Rope	11,550.00	----------	----------
0297 Leather	32,500.00	----------	23.85
0299 Steel and zinc	110,800.00	113,200.00	60,424.17
0299 Miscellaneous	35,500.00	27,462.00	28,836.11
02 Total supplies and materials	375,000.00	304,000.00	199,587.53
30 Equipment	10,000.00	10,000.00	3,180.13
	985,000.00	929,000.00	701,962.85
Add amount transferred to Atlanta Penitentiary (Department of Justice)	1,415,000.00	1,051,000.00	744,385.74
	----------	----------	1,446,348.59
Unobligated balance	----------	----------	553,651.41
Total	2,400,000.00	1,980,000.00	2,000,000.00

Star Route Service—

For inland transportation by star routes (excepting service in Alaska), including temporary service to newly established offices, and not to exceed $200,000 for Government-operated star-route service (*U. S. C., p. 1262, sec. 433; p. 1265, secs. 483, 489, 493; act Jan. 26, 1927, vol. 44, p. 1051*) ---------- $13,600,000.00 | $13,400,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
07 Transportation of things (service)	$13,600,000.00	$13,370,000.00	$12,847,371.68
Unobligated balance	----------	----------	252,628.32
Reserve	----------	30,000.00	----------
Total	13,600,000.00	13,400,000.00	13,100,000.00

Rural Delivery Service—

For pay of rural carriers, auxiliary carriers, substitutes for rural carriers on annual and sick leave, clerks in charge of rural stations, and tolls and ferriage, Rural Delivery Service, and for the incidental expenses thereof (*U. S. C., p. 1248, secs. 197, 198, 203, 205, 206, 208, 209; act Jan. 26, 1927, vol. 44, p. 1051*) ---------- 106,000,000.00 | 105,506,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Rural Delivery Service—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
01 Personal services	$105,935,000.00	$105,180,000.00	$104,425,976.83
07 Transportation of things (service)	60,000.00	60,000.00	54,174.48
13 Special and miscellaneous current expenses	5,060.00	5,000.00	5,000.00
		105,245,000.00	104,485,151.31
Unobligated balance			1,114,848.69
Reserve		261,000.00	
Total	106,000,000.00	105,506,000.00	105,600,000.00

Annual salary:	*Number of employees July 1, 1928*	*Number of employees July 1, 1927*	*Number of employees June 30, 1927*	*Number of employees July 1, 1926*
$3,420		1	1	
$3,330		1	1	1
$3,270		2	2	2
$3,240		1	1	
$3,210		5	5	3
$3,180		3	3	2
$3,150		6	6	4
$3,120		6	6	2
$3,090		12	12	8
$3,060		10	10	7
$3,030		17	17	13
$3,000		*21	21	15
$2,970		19	19	10
$2,940		28	28	26
$2,910		32	32	27
$2,880		54	54	42
$2,850		49	49	46
$2,820		81	81	73
$2,790		81	81	63
$2,760		78	78	75
$2,730		94	94	81
$2,700		111	111	85
$2,670		106	106	92
$2,640		118	118	111
$2,610		112	112	113
$2,600		24	24	27
$2,580		68	68	39
$2,550		48	48	14
$2,520		59	59	11
$2,490		80	80	20
$2,460		66	66	25
$2,430		66	66	23
$2,400		89	89	17
$2,370		90	90	24
$2,340		113	113	25
$2,310		121	121	30
$2,280		162	162	44
$2,250		181	181	50
$2,220		232	232	85
$2,190		302	302	108
$2,175				1
$2,160		593	593	508
$2,130		656	656	529
$2,115		1	1	1
$2,100		769	759	630
$2,085		1	1	1
$2,070		1,047	1,047	800
$2,055		3	3	3
$2,040		1,520	1,520	1,342
$2,010		2,045	2,046	1,838
$1,995		3	3	2
$1,980		3,330	3,329	3,403
$1,965		2	2	
$1,950		4,089	4,089	4,206
$1,935		1	1	2
$1,920		4,646	4,646	4,875
$1,905		6	5	3
$1,890		4,664	4,664	4,974
$1,875		3	3	6
$1,860		4,732	4,732	5,043
$1,845		1	1	2
$1,830		4,582	4,582	5,168
$1,815		3	3	1
$1,800		2,446	2,446	2,974
$1,728		3,131	3,131	3,487
$1,620		1,567	1,567	1,737
$1,440		691	691	721
$1,260		421	421	462
$1,080		319	319	360
$1,008		276	276	309
$936		204	204	233
$864		81	81	101
$792		25	25	33
$720		4	4	4
Total regular employees	44,075	44,600	44,599	45,202
Annual leave, average number	1,703	1,778	1,778	1,808
Sick leave, average number	480	498	495	510
Station clerks, average number	175	158	156	156
Total	46,433	47,034	47,028	47,676

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Travel Expenses, etc., Fourth Assistant Postmaster General—		
For travel and miscellaneous expenses in the Postal Service, office of the Fourth Assistant Postmaster General (*act Jan. 26, 1927, vol. 44, p. 1051*)	$1,000.00	$1,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
06 Travel expenses	$1,000.00	$1,000.00	$55.44
Unobligated balance			944.56
Total	1,000.00	1,000.00	1,000.00

Total	125,571,000.00	124,294,750.00
Deficiency in the Postal Revenues—		
If the revenues of the Post Office Department shall be insufficient to meet the appropriations made under Title II of this act, a sum equal to such deficiency in the revenues of such department is hereby appropriated, to be paid out of any money in the Treasury not otherwise appropriated, to supply such deficiency in the revenues of the Post Office Department for the fiscal year ending June 30, [1928] *1929*, and the sum needed may be advanced to the Post Office Department upon requisition of the Postmaster General.		
Total, field service, Post Office Department	764,330,150.00	751,687,108.00
Deduct indefinite items for 1928, not included in appropriation act		220,000.00
Net total, field service, Post Office Department	764,330,150.00	751,467,108.00
Post Office Department:		
Annual appropriations	768,050,042.00	755,336,200.00
Indefinite appropriations	220,000.00	
Total under Post Office Department	768,270,042.00	755,336,200.00

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

CHAPTER X.—DEPARTMENT OF STATE

OFFICE OF SECRETARY OF STATE

Salaries, Department of State—

Salaries: For Secretary of State, $15,000; Undersecretary of State, and other personal services in the District of Columbia in accordance with the classification act of 1923, including temporary employees, [$1,074,600] *$1,130,760*; in all, [$1,089,600] *$1,145,760*: *Provided*, That in expending appropriations or portions of appropriations, contained in this act, for the payment for personal services in the District of Columbia in accordance with the classification act of 1923, the average of the salaries of the total number of persons under any grade in any bureau, office, or other appropriation unit shall not at any time exceed the average of the compensation rates specified for the grade by such act, and in grades in which only one position is allocated the salary of such position shall not exceed the average of the compensation rates for the grade except that in unusually meritorious cases of one position in a grade advances may be made to rates higher than the average of the compensation rates of the grade, but not more often than once in any fiscal year, and then only to the next higher rate: *Provided*, That this restriction shall not apply (1) to grades 1, 2, 3, and 4 of the clerical-mechanical service, or (2) to require the reduction in salary of any person whose compensation was fixed as of July 1, 1924, in accordance with the rules of section 6 of such act; (3) to require the reduction in salary of any person who is transferred from one position to another position in the same or different grade in the same or a different bureau, office, or other appropriation unit, or (4) to prevent the payment of a salary under any grade at a rate higher than the maximum rate of the grade when such higher rate is permitted by the classification act of 1923, and is specifically authorized by other law (*U. S. C., p. 28, sec. 3; p. 67, sec. 673; act Feb. 24, 1927, vol. 44, p. 1179*) ---------- $1, 145, 760. 00 | $1, 089, 600. 00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
Grade 6, $6,000 to $7,500; average, $6,750—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Chief economic analyst	2	$6,250	2	$6,000	2.3	$5,819
Grade 5, $5,200 to $6,000; average, $5,600—						
Senior attorney	6	5,733	6	5,733	6	5,628
Senior economic analyst	2	5,200	2	5,200	1.9	5,246
Grade 4, $3,800 to $5,000; average, $4,400—						
Attorney	4	4,100	4	4,000	4	4,000
Economic analyst	7	3,914	5	3,920	2.6	4,204
Scientist	1	4,000	1	4,000	1	4,000
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate attorney	14	3,192	14	3,150	11.7	3,211
Associate economic analyst	7	3,114	7	3,085	7	3,233
Associate librarian	1	3,000	1	3,000	1	3,000
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant attorney	2	2,550	2	2,500	2.7	2,568
Assistant economic analyst	3	2,600	3	2,533	1.4	2,752
Assistant scientist	1	2,400	1	2,400		
Assistant librarian	1	2,400	1	2,400	1	2,400
Grade 1, $1,860 to $2,400; average, $2,111.42—						
Junior attorney	3	1,926	3	1,906	2.2	1,871
Junior librarian	2	1,950	2	1,920	2.4	1,896
Subprofessional service—						
Grade 6, $1,860 to $2,400; average, $2,111—						
Periodical indexer	1	1,860				
Cataloguer	1	1,860				
Senior library assistant	2	1,860				
Grade 5, $1,680 to $2,040; average, $1,860—						
Library assistant	1	1,740	1	1,740	1.2	1,767
Binding assistant	1	1,680				
Filing assistant	1	1,680				
Library assistant	2	1,680				

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries, Department of State—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service—Continued.						
Salaries—Continued.						
Subprofessional service—Continued.	*Average—*		*Average—*		*Average—*	
Grade 4, $1,500 to $1,860; average, $1,680—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Junior library assistant	2	$1,560	2	$1,530	1.3	$1,512
Cataloguer	1	1,500				
Junior library assistant	1	1,500				
Grade 3, $1,320 to $1,680; average, $1,500—						
Under library assistant					0.9	1,320
Cataloguer	1	1,320				
Clerical, administrative, and fiscal service—						
Grade 14, $7,500 and over—						
Secretary	1	15,000	1	15,000	1	15,000
Special executive officer	5	7,500	5	7,500	5.9	7,500
Grade 12, $5,200 to $6,000; average, $5,600—						
Senior administrative officer	1	5,600	1	5,600	1	5,600
Grade 11, $3,800 to $5,000; average, $4,400—						
Administrative officer	9	4,288	9	4,222	8.2	4,220
Grade 10, $3,300 to $3,900; average, $3,600—						
Junior administrative officer	3	3,563	3	3,533	3	3,533
Grade 9, $3,000 to $3,600; average, $3,300—						
Senior administrative assistant	7	3,142	7	3,100	7	3,192
Business specialist	1	3,000	1	3,000	0.2	3,000
Grade 8, $2,700 to $3,300; average, $3,000—						
Administrative assistant	3	2,966	3	2,933	2.8	3,054
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant	14	2,592	14	2,550	12.4	2,535
Principal translator	1	2,500	1	2,400	0.6	2,333
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	12	2,275	12	2,233	12.2	2,243
Principal translator	1	2,500	1	2,500	1.4	2,411
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	50	2,021	50	1,983	47.4	1,981
Senior clerk-stenographer	12	2,007	11	1,949	10	1,919
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	65	1,778	64	1,715	59.4	1,741
Clerk-stenographer	2	1,860	2	1,860	1.9	1,889
Principal stenographer	1	1,800	1	1,740	1.4	1,814
Head operator, office devices	6	1,830	6	1,830	1.9	1,865
Translator	1	1,740	1	1,680	1	1,680
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	84	1,599	83	1,549	85.2	1,553
Assistant clerk-stenographer	17	1,603	17	1,591	14.1	1,630
Senior stenographer	35	1,599	34	1,579	30.3	1,558
Senior operator, office devices	2	1,620	2	1,560	2	1,540
Assistant office draftsman	1	1,740	1	1,740	1	1,740
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	57	1,403	57	1,370	54	1,369
Junior stenographer	31	1,352	31	1,352	35	1,323
Senior typist	13	1,407	13	1,389	9.8	1,372
Junior clerk-typist	2	1,380	1	1,380	3.1	1,332
Junior clerk-stenographer					1.2	1,367
Junior operator, office devices	1	1,440	1	1,440	1	1,400
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	16	1,273	16	1,233	28.5	1,151
Underclerk-typist	1	1,380	1	1,380	1	1,380
Junior typist					0.2	1,013
Under operator, office devices	4	1,320	4	1,320	3.6	1,299
Stock boy	1	1,140				
Custodial service—						
Grade 6, $1,500 to $1,860; average, $1,680—						
Mechanic	1	1,560	1	1,500	1	1,500
Grade 4, $1,140 to $1,500; average, $1,320—						
Head messenger	2	1,350	2	1,350	2	1,130
Undermechanic	1	1,320	1	1,320	1.1	1,286
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger	45	1,120	45	1,098	44.6	1,063
Minor mechanic	5	1,160	4	1,110	3.9	1,083
Senior laborer	4	1,140	4	1,080	4	1,040
Grade 2, $900 to $1,140; average, $1,020—						
Junior laborer	8	1,020	8	960	8.1	922
Grade 1, $600 to $780; average, $690—						
Junior messenger					1	562
Total average number of employees	596		576		565	
01 Total salaries, departmental service		1,145,760.00		1,079,600.00		1,059,983.09
Reserve				10,000.00		
Unobligated balance						9,616.91
Total		1,145,760.00		1,089,600.00		1,069,600.00
Difference between 1929 and 1928 is due to—						
Increase in force	$36,040					
Increase in salary	20,120					
Total increase	56,160					

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Contingent Expenses, Department of State—		
For contingent and miscellaneous expenses, including stationery, furniture, fixtures, typewriters, exchange of same, repairs and material for repairs; books, maps, and periodicals, domestic and foreign, [for the library,] not exceeding [$4,000] *$8,000*; newspapers not exceeding [$700] *$1,200*, for which payment may be made in advance; maintenance, repair, and storage of motor-propelled vehicles, to be used only for official purposes; automobile mail wagons, including storage, repair, and exchange of same; streetcar fare not exceeding $150; and other miscellaneous items not included in the foregoing (*act Feb. 24, 1927, vol. 44, p. 1179*)	$53,605.00	$43,605.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Supplies and materials:			
0200	Supplies and materials	$10,000.00	$11,000.00	$9,399.01
0200	Map cases	1,000.00		
0200	Library equipment		2,000.00	
0203	Drawing supplies	50.00		58.72
0204	Photographic supplies	300.00		284.08
0205	Cleaning	200.00	250.00	202.29
0222	Newspapers and periodicals	1,200.00	700.00	690.18
0223	Maps and geographies	200.00	100.00	177.81
0223	Coloring maps			49.52
0236	Gasoline and oils	900.00	900.00	803.71
0280	Sundry supplies	150.00	151.00	112.21
0282	Lighting supplies			5.35
0284	Tires and tubes	500.00	500.00	184.34
0284	Ice		700.00	588.80
02	Total supplies and materials	16,500.00	14,301.00	12,556.02
04	Storage of Secretary's car	360.00	240.00	282.50
	Communication service:			
0500	Telegraph service	900.00	600.00	847.11
0510	Telephone service	6,925.00	6,100.00	6,740.17
0520	Other communication service (dictograph)	500.00	500.00	670.88
05	Total communication service	8,325.00	7,200.00	8,258.16
	Travel expenses:			
0600	Street car fare and cab hire	100.00	100.00	20.00
0600	Travel	100.00		41.36
0630	Per diem	100.00		45.00
06	Total travel expenses	300.00	100.00	106.36
07	Freight and express	100.00	200.00	15.54
	Printing and binding:			
0810	Engraving die plate	50.00	50.00	
0830	Lettering doors			5.25
08	Total printing and binding	50.00	50.00	5.25
	Repairs and alterations:			
1200	Repairs to vault			647.61
1280	Repairs to furniture and fixtures	1,000.00	250.00	1,030.57
	Typewriter parts	500.00	200.00	427.65
	Repairs to auto and trucks	250.00	500.00	658.84
1290	Special repairs to portraits	1,000.00		
12	Total repairs and alterations	2,750.00	950.00	2,764.67
	Special and miscellaneous expenses:			
1373	Laundry and towels	150.00	150.00	142.37
1374	Cleaning of rugs	100.00	100.00	36.62
1376	Care of clocks	25.00	25.00	
13	Total special and miscellaneous expenses	275.00	275.00	178.99
	Equipment:			
3002	One car for use of cabinet officer			4,000.00
	One mail truck		678.50	1,113.23
3010	Furniture and fixtures	14,585.00	8,655.50	7,524.25
3017	Typewriters and machines	1,500.00	1,500.00	3,963.85
3021	Books (including current books, reference books, annuals, documents)	7,800.00	3,800.00	3,624.57
3022	Reading glasses	10.00		11.88
3050	Floor coverings	1,000.00	1,000.00	879.02
3051	Motors			493.45
3053	Dispatch boxes			495.00
3053	Brief cases	50.00	50.00	30.50
30	Total equipment	24,945.00	15,684.00	22,135.75
			39,000.00	46,303.24
	Unobligated balance			36.76
	Reserve		4,605.00	
	Total	53,605.00	43,605.00	46,340.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Printing and Binding, Department of State— For all printing and binding in the Department of State, including all of its bureaus, offices, institutions, and services located in Washington, District of Columbia, and elsewhere (*U. S. C., p. 1013, sec. 588; acts Feb. 20, 1923, vol. 42, p. 1279; Feb. 24, 1927, vol. 44, p. 1179*)	$200,000.00	$190,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
0200	Stationery	$6,472.00	$6,646.00	$7,322.99
0800	Printing and binding	189,978.00	168,329.00	152,026.95
0810	Lithographing, engraving, and engrossing	3,300.00	2,825.00	1,338.00
0830	Photographing and making photographs and prints	250.00	200.00	200.00
		----------	178,000.00	160,887.94
	Unobligated balance	----------	----------	612.06
	Reserve	----------	12,000.00	----------
	Total	200,000.00	190,000.00	161,500.00

	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Passport Bureaus, Department of State— For salaries and expenses of maintenance, [including] *traveling expenses not to exceed $300, and* rent outside the District of Columbia, of passport bureaus at New York City, New York; San Francisco, California; Chicago, Illinois; Seattle, Washington; New Orleans, Louisiana; and Boston, Massachusetts (*act Feb. 24, 1927, vol. 44, p. 1179*)	63,000.00	63,000.00

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Field service:						
	Salaries and wages—	*Average—*		*Average—*		*Average—*	
		No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Salary range, $3,000 to $3,600; average, $3,300— Passport agent	6	$3,300	5	$3,260	4	$3,250
	Salary range, $2,700 to $3,300; average, $3,000— Passport agent	----------		1	2,900	2	2,800
	Salary range, $2,100 to $2,700; average, $2,400— Assistant passport agent	4	2,300	4	2,275	4	2,175
	Salary range, $1,860 to $2,400; average, $2,111— Clerk	5	2,000	5	1,972	5	1,916
	Salary range, $1,680 to $2,040; average, $1,860— Clerk	3	1,750	3	1,720	3	1,700
	Salary range, $1,320 to $1,680; average, $1,500— Clerk	2	1,460	2	1,440	2	1,350
	Salary range, $1,140 to $1,500; average, $1,320— Messenger	1	1,240	1	1,140	1	1,120
	Total average number of employees	21		21		21	
	Total salaries and wages, field service		48,410		46,340		45,800
	Temporary employees		8,195		8,144		8,626
01	Total personal services		56,605		54,484		54,426
	Difference between 1929 and 1928 is due to— Increase in salary $2,070; Increase in temporary employees 51; Total increase 2,121						
	Supplies and materials:						
0200	Rubber stamps		25.00		45.00		43.08
0202	Stationery and supplies		600.00		600.00		575.00
0284	Ice		50.00		50.00		42.00
02	Total supplies and materials		675.00		695.00		660.08
	Communication service:						
0500	Telegraph service		15.00		15.00		10.00
0510	Telephone service		1,018.00		1,018.00		1,010.00
0520	Postage service		300.00		300.00		280.00
05	Total communication service		1,333.00		1,333.00		1,300.00
06	Traveling expenses		300.00		----------		----------
07	Transportation of things		90.00		90.00		75.00
10	Furnishing of light		60.00		60.00		45.56
11	Rent		3,078.00		3,078.60		3,078.00
12	Repairs		75.00		125.00		7.35
13	Special and miscellaneous		84.00		110.00		234.00
	Equipment:						
3010	Furniture and fixtures		500.00		700.00		1,142.19
3017	Typewriters and office machines		200.00		750.00		630.75
30	Total equipment		700.00		1,450.00		1,772.94
			----------		61,425.00		61,598.93
	Unobligated balance		----------		----------		1,401.07
	Reserve		----------		1,575.00		----------
	Total		63,000.00		63,000.00		63,000.00

Total, Department of State, salaries, contingent expenses, passport bureaus, and printing and binding	1,462,365.00	1,386,205.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object		Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
FOREIGN INTERCOURSE			
Salaries of Ambassadors and Ministers—			
Ambassadors extraordinary and plenipotentiary to Argentina, Brazil, Chile, Cuba, France, Germany, Great Britain, Italy, Japan, Mexico, Peru, Spain, and Turkey, at $17,500 each, $227,500: *Provided*, That so much as may be necessary of the amount herein appropriated for the salary of an ambassador to Turkey shall be available for the salary of an envoy extraordinary and minister plenipotentiary to Turkey, at $12,000 per annum, in the event that the President should appoint a diplomatic representative of that grade (*U. S. C., p. 645, sec. 32; acts Sept. 4, 1913, vol. 38, p. 110; May 16, 1914, vol. 38, p. 378; Feb. 24, 1927, vol. 44, p. 1180*)	$227,500.00		
For ambassador extraordinary and plenipotentiary to Belgium and envoy extraordinary and minister plenipotentiary to Luxemburg (*U. S. C., p. 645, sec. 34; act Feb. 24, 1927, vol. 44, p. 1180*)	17,500.00		
Envoys extraordinary and ministers plenipotentiary to China and the Netherlands, at $12,000 each (*act Feb. 24, 1927, vol. 44, p. 1180*)	24,000.00		
Envoys extraordinary and ministers plenipotentiary to Albania, Austria, Bolivia, Bulgaria, Czechoslovakia, Colombia, Costa Rica, Denmark, Dominican Republic, Dominion of Canada, Ecuador, Egypt, Finland, Greece, Guatemala, Haiti, Honduras, Hungary, Irish Free State, Nicaragua, Norway, Panama, Paraguay, Persia, Poland, Portugal, Rumania, Salvador, Siam, Sweden, Switzerland, Uruguay, and Venezuela, at $10,000 each; to the Serbs, Croats, and Slovenes, $10,000; and to Estonia, Latvia, and Lithuania, $10,000; in all (*acts Dec. 6, 1913, vol. 38, p. 241; Feb. 24, 1927, vol. 44, p. 1180*)	350,000.00		
Minister resident and consul general to Liberia (*R. S., p. 295, sec. 1683; act Feb. 24, 1927, vol. 44, p. 1180*)	5,000.00		
Agent and consul general at Tangier (*act Feb. 24, 1927, vol. 44, p. 1180*)	7,500.00		
Provided, That no salary herein appropriated shall be paid to any official receiving any other salary from the United States Government.			
Total, ambassadors and ministers		$631,500.00	$631,500.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average—		*Average*—		*Average*—	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Ambassadors extraordinary and plenipotentiary	14	$17,500	14	$17,500	14	$17,500
Envoys extraordinary and ministers plenipotentiary	2	12,000	2	12,000	2	12,000
Envoys extraordinary and ministers plenipotentiary	35	10,000	35	10,000	33	10,000
Minister resident and consul general	1	5,000	1	5,000	1	5,000
Agent and consul general	1	7,500	1	7,500	1	7,500
01 Total personal services	53	631,500.00	53	601,500.00	51	530,147.79
Unobligated balance						81,352.21
Reserve				30,000.00		
Total		631,500.00		631,500.00		611,500.00

Salaries, Chargés d'Affaires Ad Interim—
For salaries of Foreign Service officers or vice consuls while acting as chargés d'affaires ad interim or while in charge of a consulate general or consulate during the absence of the principal officer (*U. S. C., p. 645, sec. 32; p. 643, sec. 20; act Feb. 24, 1927, vol. 44, p. 1180*) — 19,000.00 — 19,000.00

01 Salaries: Expenditures—1929, $19,000; 1928, $19,000; 1927, $21,097.78.

Clerks at Embassies and Legations—
For the employment of necessary clerks at the embassies and legations, who, whenever hereafter appointed, shall be citizens of the United States, [$375,000] *$390,000*; and so far as practicable shall be appointed under civil-service rules and regulations (*act Feb. 24, 1927, vol. 44, p. 1180*) — 390,000.00 — 375,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Clerks at Embassies and Legations—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average*—		*Average*—		*Average*—	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $3,000 to $3,600; average, $3,300— Clerk	16	$3,000	16	$3,000	14.7	$3,000
Salary range, $2,700 to $3,300; average, $3,000— Clerk	11	2,750	11	2,750	10.7	2,750
Salary range, $2,400 to $3,000; average, $2,700— Clerk	47	2,500	47	2,500	34.7	2,497
Salary range, $2,100 to $2,700; average, $2,400— Clerk	30	2,260	30	2,260	28.4	2,179
Salary range, $1,860 to $2,400; average, $2,111— Clerk	42	1,983	34	2,009	30.5	2,000
Salary range, $1,500 to $1,860; average, $1,680— Clerk	22	1,800	22	1,800	33.3	1,787
Salary range, $1,100 to $1,500; average, $1,300— Clerk					1.2	1,125
Salary range, $1 to $1,100; average, $550— Clerk	4	886	4	886	4.9	470
Additional compensation for clerks in China						4,500
Total average number of employees	171		164		158.4	
01 Total salaries and wages		390,000		372,500		354,199
Unobligated balance						801
Reserve				2,500		
Total		390,000		375,000		355,000
Difference between 1929 and 1928 is due to—						
Increase in force	$14,000					
Increase in salary	1,000					
Total increase	15,000					

Salaries, Interpreters to Embassies and Legations—

[Interpreter to legation and consulate general to Persia, $2,000; interpreter to legation and consulate general to Bangkok, Siam, $3,000; for the payment of the cost of tuition of Foreign Service officers assigned for the study of the languages of Asia and eastern Europe, at the rate of $350 per annum each, $2,800; in all] (*act Feb. 24, 1927, vol. 44, p. 1180*) $7,800.00

NOTE.—This item transferred to "Contingent expenses, Foreign Missions."

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Salaries:	*Average*—		*Average*—		*Average*—	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Interpreter	(1)		1	$3,000	1	$2,500
Interpreter	(1)		1	2,000	1	2,000
Total average number			2		2	
01 Total salaries				5,000		4,500
22 Grants, subsidies, and contributions				2,200		1,136
				7,200		5,636
Unexpended balance						1,664
Reserve				600		
Total				7,800		7,300

Quarters for Student Interpreters at Embassies—

[For rent of quarters for Foreign Service officers assigned for language study in Japan and Turkey] (*act Feb. 24, 1927, vol. 44, p. 1181*) 1,800.00

NOTE.—Transferred to "Contingent Expenses, Foreign Missions."

11 Rents: Expenditures, 1928, $1,800; 1927, $1,169.25.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Contingent Expenses, Foreign Missions—		
To enable the President to provide, at the public expense, all such stationery, blanks, records, and other books, seals, presses, flags, and signs as he shall think necessary for the several embassies and legations in the transaction of their business, and also for rent, repairs, [including alterations and structural changes in the Government-owned buildings in Tangier, Morocco;] *including repairs, supervision, preservation and maintenance of Government-owned diplomatic properties in foreign countries, and properties acquired under the act approved May 7, 1926 (44 Stat. 403), and including also custodial service, heat, light, water, materials, supplies, tools, seeds, plants, shrubs, and similar objects;* postage, telegrams, advertising, ice, and drinking water for office purposes, hire of motor-propelled or horse-drawn passenger-carrying vehicles, and purchase, maintenance, operation, and hire of other passenger-carrying vehicles, uniforms, furniture, household furniture and furnishings not to exceed $25,000, typewriters and exchange of same, messenger service, operation and maintenance of launch for embassy at Constantinople not exceeding $2,500, compensation of kavasses, guards, dragomans, porters, interpreters, and translators, compensation of agents and employees of and rent and other expenses for dispatch agencies at London, New York, San Francisco, Seattle, and New Orleans, traveling expenses of Diplomatic and Foreign Service officers, including attendance at trade and other conferences or congresses under orders of the Secretary of State as authorized by section 14 of the act approved May 24, 1924, miscellaneous expenses of embassies and legations, and for loss on bills of exchange to and from embassies and legations, including such loss on bills of exchange to officers of the United States Court for China, and payment in advance of subscriptions for newspapers (foreign and domestic), rent *including quarters for Foreign Service officers assigned for study of the languages of Asia and eastern Europe and cost, not exceeding $350 each per annum, of the tuition of such officers,* telephone, and other similar services under this appropriation [is] *are* hereby authorized, [$784,500] *$912,850: Provided,* That no part of this sum appropriated for contingent expenses, foreign missions, shall be expended for salaries or wages of persons (except interpreters, translators, and messengers) not American citizens performing clerical services, whether officially designated as clerks or not, in any foreign mission: [*Provided further,* That the Secretary of State is hereby authorized to reimburse Lao Lang Hui, interpreter of the legation in Bangkok, Siam, from the appropriation for contingent expenses, foreign missions, 1927, for rent of living quarters occupied during the fiscal year 1927, not exceeding $550] (*U. S. C., p. 650, see. 129; act Feb. 24, 1927, vol. 44, p. 1181*)	$912,850.00	$784,500.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average*—		*Average*—		*Average*—	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $3,300 to $3,900; average, $3,600—						
Special archive collator	2	$3,500	2	$3,500	2	$3,500
Interpreter	1	3,500	1	3,500	1	3,500
Salary range, $2,400 to $3,000; average, $2,700—						
Dispatch agent	1	3,000	1	3,000	1	3,000
Clerk to dispatch agent	1	2,400	1	2,400	1	2,400
Interpreter and translator	8	2,575	6	2,433	7	2,529
Salary range, $1,860 to $2,400; average, $2,111—						
Dispatch agent	1	2,000	1	2,000	1	2,000
Courier	2	2,200	2	2,200	2	2,200
Clerk to dispatch agent	2	1,860	2	1,860	2	1,860
Interpreter and translator	4	2,062	4	2,062	3	2,000
Messenger	1	2,000	1	2,000	2	2,000
Salary range, $1,500 to $1,860; average, $1,680—						
Clerk to dispatch agent					2	1,770
Interpreter and translator	5	1,640	5	1,640	3	1,700
Messenger	5	1,637	5	1,637	6	1,650
Salary range, $1,140 to $1,500; average, $1,320—						
Interpreter and translator	6	1,242	6	1,242	5	1,240
Clerk to dispatch agent	1	1,200	1	1,200	1	1,200
Messenger	9	1,272	9	1,272	5	1,235
Salary range, $1 to $1,000—						
Dispatch agent	1	1,000	1	1,000	1	1,000
Clerk to dispatch agent	4	741	4	741	3	880
Translator, guard, etc	388	442	321	418	330	388
Total average number of employees	442		376		376	
01 Total salaries and wages		270,621		228,798		218,237
The difference between 1929 and 1928 is due to transfer of 2 interpreters, and increase in force, $35,823.						

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Contingent Expenses, Foreign Missions—Continued.					
Supplies and materials:					
0200 Stationery and supplies	$8,938.00	$7,000.00	$8,915.01		
0201 Cleaning and toilet supplies	4,884.00	4,900.00	5,112.80		
0220 Scientific and educational supplies, newspapers	11,247.00	11,000.00	10,413.30		
0230 Fuel	24,793.00	23,000.00	23,266.45		
0240 Uniforms	5,737.00	4,400.00	5,068.19		
0284 Ice	1,904.00	2,000.00	2,549.30		
0285 Flags and flagstaffs, etc	266.00	150.00	204.05		
0286 Packing cases	755.00	360.00	758.08		
02 Total supplies and materials	58,524.00	52,800.00	56,287.18		
Communication service:					
0500 Telegraph service	194,103.00	135,000.00	156,161.18		
0510 Telephone service	11,546.00	11,100.00	10,748.44		
0520 Other communication service	7,542.00	8,200.00	7,628.81		
05 Total communication service	213,191.00	154,300.00	174,538.43		
Travel expenses:					
0600 Transportation	41,000.00	41,000.00	35,844.87		
0610 Local transportation	11,825.00	13,000.00	16,467.10		
06 Total travel expenses	52,825.00	54,000.00	52,351.97		
07 Transportation of things	12,000.00	12,000.00	24,029.30		
08 Engraving seals and passports	200.00	200.00	278.25		
09 Advertising and publication of notices	100.00	100.00	36.62		
10 Furnishing of heat, light, and water	31,039.00	21,500.00	22,665.64		
11 Rent	144,543.00	135,400.00	127,824.50		
Repairs and alterations:					
1200 Repairs to buildings	33,000.00	55,000.00	32,093.39		
1280 Repairs to furniture and fixtures	8,332.00	10,100.00	8,307.27		
12 Total repairs and alterations	41,332.00	65,100.00	40,400.66		
Special and miscellaneous:					
1320 Loss by exchange	10,000.00	11,000.00	6,374.10		
1380 Taxes and rates	3,787.00	3,000.00	3,312.35		
13 Total special and miscellaneous	13,787.00	14,000.00	9,686.45		
22 Tuition of student interpreters	4,550.00				
Equipment:					
3010 Furniture, furnishings, and fixtures	55,000.00	24,500.00	11,318.42		
3017 Typewriters	5,000.00	5,000.00	4,574.05		
3021 Educational supplies, books	1,589.00	2,000.00	626.87		
Miscellaneous	11,189.00	6,942.00	284.66		
30 Total equipment	72,778.00	38,442.00	16,804.00		
	915,490.00	776,640.00	743,140.00		
Deduct amount transferred from—					
Department of Agriculture	600.00	600.00	600.00		
Navy Department	2,040.00	2,040.00	2,040.00		
	2,640.00	2,640.00	2,640.00		
		774,000.00	740,500.00		
Reserve		10,500.00			
Total	912,850.00	784,500.00	740,600.00		
Rent of Grounds, Embassy at Tokyo, Japan—					
For annual ground rent of the embassy at Tokyo, Japan, for the year ending March 15, [1928] *1929 (act Feb. 24, 1927, vol. 44, p. 1181)*				$250.00	$250.00

11 Ground rent for embassy at Tokyo: Expenditures—1929, $250; 1928, $250; 1927, $205.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Diplomatic and Consular Establishments, Tokyo, Japan—		
For the acquisition in Tokyo, Japan, of additional land adjoining the site of the former American Embassy and such other land as may be necessary, and the construction thereon of suitable buildings for the use of the diplomatic and consular establishments of the United States, the said buildings to include residences for the diplomatic and consular representatives, and the furnishing of the same, as provided in the act entitled "An act to authorize the Secretary of State to enlarge the site and erect buildings thereon for the use of the diplomatic and consular establishments of the United States in Tokyo, Japan," approved February 21, 1925, [$100,000] *$250,000*: *Provided*, That the unexpended [balance] *balances* of the [appropriation] *appropriations* [of $280,000 and the unexpended balance of the appropriation of $400,000] for the acquisition of diplomatic and consular establishments, Tokyo, Japan, [contained in the second deficiency act, fiscal year 1925, approved March 4, 1925, and the act approved April 29, 1926, respectively, shall remain available until June 30, 1928;] *available for the fiscal year 1928, are hereby made a part of this appropriation, all of which shall remain available until expended*: *Provided further*, That within the limit of cost fixed by the act of February 21, 1925, for the acquisition of land, construction of buildings, and furnishing of same, the Secretary of State is authorized to enter into contracts for the construction of the buildings authorized by the act (*acts Feb. 21, 1925, vol. 43, p. 961; Feb. 24, 1927, vol. 44, p. 1181*)	$250,000.00	$100,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Personal services:			
01	Clark of works		$9,000	
0150	Architect's fee	$20,676	24,000	$14,324
01	Total personal services	20,676	33,000	14,324
06	Travel expenses			1,117
30	Furniture and furnishings	30,000		
31	Land and interests in land	100,000		
	Structures and parts:			
3010	Construction	73,912	615,874	
3223	Landscape work	109,295		
32	Total structures and parts	183,207	615,874	
	Total	333,883	648,874	15,441

NOTE.—The excess of expenditures over appropriations will be paid from prior balances.

Expenses of Foreign Service Inspectors—

For the traveling expenses of Foreign Service officers detailed for inspection while traveling and inspecting under instructions from the Secretary of State (*U. S. C., p. 642, sec. 9; p. 1389, secs. 825, 826; act Feb. 24, 1927, vol. 44, p. 1182*)	25,000.00	25,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Communication service:			
0500	Telegraph service	$500.00	$500.00	$158.37
0520	Other communication service	100.00	100.00	41.05
05	Total communication service	600.00	600.00	199.42
	Travel expenses:			
0600	Railroad and steamship fares	8,200.00	7,200.00	5,467.50
0610	Local transportation	1,800.00	1,800.00	2,430.28
0640	Hotel and meals	11,000.00	14,000.00	11,174.00
06	Total travel expenses	24,000.00	23,000.00	19,071.78
13	Special and miscellaneous (loss by exchange)	400.00	400.00	39.61
			24,000.00	19,310.81
	Unobligated balance			689.19
	Reserve		1,000.00	
	Total	25,000.00	25,000.00	20,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Allowance for Clerks at Consulates—		
For allowance for clerk hire at consulates, to be expended under the direction of the Secretary of State, [$1,585,000] *$1,645,000.* Clerks, whenever hereafter appointed, shall, so far as practicable, be appointed under civil-service rules and regulations (*U. S. C., p. 646, sec. 57; act Feb. 24, 1927, vol. 44, p. 1182*)	$1, 645, 000. 00	$1, 585, 000. 00

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:							
Salaries and wages—		*Average—*		*Average—*		*Average—*	
Salary range, $3,800 to $5,000; average, $4,400—		*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Clerk		1	$4,000	1	$4,000	1	$4,000
Salary range, $3,000 to $3,600; average, $3,300—							
Clerk		15	3,107	15	3,107	13.5	3,119
Salary range, $2,400 to $3,000; average, $2,700—							
Clerk		102	2,485	102	2,485	89	2,680
Salary range, $1,860 to $2,400; average, $2,111—							
Clerk		173	2,106	161	2,108	147.1	2,099
Salary range, $1,500 to $1,860; average, $1,680—							
Clerk		101	1,729	101	1,729	112.7	1,740
Salary range, $1,140 to $1,500; average, $1,320—							
Clerk		45	1,278	45	1,278	38.9	1,292
Salary range, $1 to $1,000—							
Clerk		975	766	931	766	905.4	748
Total average number of employees		1,412		1,356		1,308.3	
01 Total salaries, field service					1,565,000		1,541,604
Unexpended balance							8,396
Reserve					20,000		
			1,645,000		1,585,000		1,550,000
The difference between 1929 and 1928 is due to increase in force, $60,000.							

Contingent Expenses, United States Consulates—

For expenses of providing all such stationery, blanks, record and other books, seals, presses, flags, signs, rent (so much as may be necessary), repairs, [to consular buildings owned by the United States,] *including repairs, supervision, preservation and maintenance of Government-owned consular properties in foreign countries, and properties acquired under the act approved May 7, 1926 (44 Stat. 403), and including also custodial service, heat, light, water, materials, supplies, tools, seeds, plants, shrubs, and similar objects,* postage, furniture, household furniture and furnishings not to exceed $10,000, typewriters and exchange of same, statistics, newspapers, freight (foreign and domestic), telegrams, advertising, ice and drinking water for office purposes, hire of motor-propelled or horse-drawn passenger-carrying vehicles, and purchase, maintenance, operation, and hire of other passenger-carrying vehicles; uniforms, messenger service, traveling expenses of Consular and Foreign Service officers, including attendance at trade and other conferences or congresses under orders of the Secretary of State as authorized by section 14 of the act approved May 24, 1924; compensation of interpreters, kavasses, guards, dragomans, translators, and Chinese writers, loss by exchange, and such other miscellaneous expenses as the President may think necessary for the several consulates and consular agencies in the transaction of their business and payment in advance of subscriptions for newspapers (foreign and domestic), rent, telephone, and other similar services under this appropriation are hereby authorized (*U. S. C., p. 650, sec. 129; act Feb. 24, 1927, vol. 44, p. 1182*) — 1, 035, 000. 00 — 970, 000 00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Contingent Expenses, United States Consulates—Continued.

The Secretary of State may lease or rent for periods not exceeding ten years, such buildings and grounds for offices for the Foreign Service as may be necessary; and he may, in accordance with existing practice without cost to them, and within the limit of any appropriation made by Congress, continue to furnish the chief diplomatic representatives and their minor employees in foreign countries and officers and employees in the Foreign Service in China, Japan, and Turkey with living quarters, heat, light, and household equipment in Government-owned buildings and in buildings rented for use as offices at places where, in his judgment, it would be in the public interest to do so, notwithstanding the provisions of section 1765 of the Revised Statutes, and appropriations for "Contingent expenses, foreign missions," and "Contingent expenses, consulates," are hereby made available for such purposes; and he is also authorized, in his discretion, to furnish living quarters in such buildings to other officers and employees not herein provided for, at rates to be determined by him (*U. S. C., p. 1952, sec. 291; act Feb. 24, 1927, vol. 44, p. 1182*).

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:							
Salaries and wages—		*Average—*		*Average—*		*Average—*	
Salary range, $1,860 to $2,400; average, $2,111—		*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Interpreter and translator		3	$2,120	3	$2,120	3	$2,120
Salary range, $1,500 to $1,860; average, $1,680—							
Interpreter and guard		8	1,614	8	1,614	8	1,614
Salary range, $1,140 to $1,500; average, $1,320—							
Interpreter and guard		22	1,267	22	1,267	22	1,267
Salary range, $1 to $1,000—							
Messenger, guard, janitor, etc		655	241	655	236	655	221
Total average number of employees		688		688		688	
1 Total salaries, field service			205,490.00		202,000.00		191,913.35
The difference between 1929 and 1928 is due to increase in salaries, $3,490.							
Supplies and materials:							
0200 Stationery and supplies			30,869.00		30,000.00		30,968.80
0205 Cleaning and toilet supplies			7,904.00		7,100.00		7,211.56
0222 Scientific and educational supplies, newspapers, publications, etc			20,833.00		16,500.00		15,451.28
0230 Fuel			18,268.00		15,000.00		14,862.74
0240 Uniforms			3,232.00		3,000.00		2,580.39
0284 Ice			4,193.00		3,300.00		3,706.97
0285 Flags, flagpoles, etc			2,008.00		2,300.00		2,020.25
0286 Shipping cases			1,293.00		2,600.00		1,299.39
02 Total supplies and materials			88,600.00		79,800.00		78,101.38
Communication service:							
0500 Telegraph and cable service			58,270.00		50,000.00		76,021.47
0510 Telephone service			26,121.00		24,000.00		23,902.80
0520 Other communication service			45,034.00		47,200.00		44,624.15
05 Total communication service			129,425.00		121,200.00		144,548.42
Travel expenses:							
0600 Transportation			3,510.00		5,600.00		2,335.77
0610 Local transportation			13,331.00		14,500.00		11,396.19
06 Total travel expenses			16,841.00		20,100.00		13,731.96
07 Transportation of things			36,603.00		36,000.00		35,268.02
08 Printing and binding (engraving seals and fee stamps)			500.00		1,200.00		297.30
09 Advertising and publication of notices			448.00		300.00		158.00
10 Furnishing of heat, light, and water			28,081.00		25,000.00		26,042.70
11 Rent			401,123.00		345,000.00		338,835.00
Repairs and alterations:							
1200 Repairs to buildings			19,237.00		10,500.00		22,640.03
1280 Repairs to furniture and fixtures			6,763.00		7,500.00		7,515.15
12 Total repairs and alterations			26,000.00		18,000.00		30,155.18
Special and miscellaneous:							
1320 Loss by exchange			35,000.00		35,000.00		35,252.57
1380 Taxes and rates			14,880.00		14,300.00		13,607.08
13 Total special and miscellaneous			49,880.00		49,300.00		48,859.65
Equipment:							
3010 Equipment, furniture, and fixtures			30,000.00		30,000.00		24,649.80
3017 Typewriters			12,741.00		15,000.00		12,741.00
3021 Equipment, educational supplies, books			3,946.00		2,000.00		7,284.07
Miscellaneous			5,522.00		2,100.00		6,339.57
30 Total equipment			52,209.00		47,100.00		51,014.44
					945,000.00		958,925.40
Unobligated balance							6,074.60
Reserve					25,000.00		
Total			1,035,000.00		970,000.00		965,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Immigration of Aliens, Department of State—		
To enable the Department of State to perform the duties devolving upon it under the laws regulating immigration of aliens into the United States, including the same objects specified in the acts making appropriations for the Department of State for the fiscal year [1928] *1929*, under the heads of salaries and contingent expenses of the Department of State, salaries of Foreign Service officers, allowance for clerk hire at United States consulates, transportation of diplomatic and consular officers and clerks, and contingent expenses, United States consulates, [$484,720] *$500,000*, of which not to exceed $35,000 shall be available for personal services in the District of Columbia under the classification act of 1923 (*U. S. C., p. 143, sec. 202 (a); act Feb. 24, 1927, vol. 44, p. 1183*)	$500,000.00	$484,720.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Clerical, administrative, and fiscal service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 9, $3,000 to $3,600; average, $3,300—						
Senior administrative assistant	1	$3,000	1	$3,000	1	$3,000
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	2	1,920	2	1,920	1.7	1,868
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	4	1,695	4	1,695	3.9	1,656
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	3	1,520	3	1,520	3.6	1,507
Assistant clerk-stenographer	1	1,500	1	1,500	0.4	1,563
Senior stenographer	6	1,500	6	1,500	3.8	1,513
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	1	1,500	1	1,500	1.2	1,456
Junior clerk-stenographer	1	1,560	1	1,560	0.6	1,517
Junior stenographer	4	1,320	4	1,320	4.6	1,302
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk-typist					0.7	1,086
Total average number of employees	23		23		21.5	
Total salaries, departmental service		35,000.00		35,000.00		33,840.51
Field service:						
Salaries and wages—						
Salary range, $3,000 to $3,600; average, $3,300—						
Clerk	3	3,333	3	3,333	3	3,333
Salary range, $2,100 to $2,700; average, $2,400—						
Foreign Service officer	12	2,500	12	2,500	1	2,500
Clerk	13	2,345	13	2,345	13.7	2,223
Salary range, $1,860 to $2,100; average, $1,980—						
Clerk	12	2,000	12	2,000	10.9	1,994
Salary range, $1,500 to $1,860; average, $1,680—						
Clerk	32	1,787	32	1,787	28	1,771
Salary range, $1,140 to $1,500; average, $1,320—						
Clerk	7	1,271	7	1,271	6.1	1,257
Salary range, $1 to $1,000; average, $500—						
Clerk, messenger, translator, janitor, etc	303	605	295	604	301	627
Total average number of employees	382		374		363.7	
Total salaries, field service		343,980.00		323,700.00		305,940.00
The difference between 1929 and 1928 is due to increase in force, $5,280, exclusive of reserve.						
01 Total personal services		378,980.00		358,700.00		339,780.51
Supplies and materials:						
0200 Stationery and supplies		10,000.00		10,000.00		26,330.01
0205 Cleaning and toilet supplies		650.00		650.00		852.00
0222 Scientific supplies		50.00		50.00		4,495.20
0230 Fuel		1,400.00		1,400.00		1,470.00
0284 Water and ice		50.00		50.00		
0285 Flagpoles, flags, etc		20.00		20.00		734.82
0286 Packing cases						296.70
Total supplies and materials		12,170.00		12,170.00		34,178.73
Communication service:						
0500 Telegraph service		4,700.00		4,700.00		3,070.00
0510 Telephone service		2,000.00		2,000.00		2,796.00
0520 Other communication service		11,000.00		11,000.00		12,789.61
05 Total communication service		17,700.00		17,700.00		18,655.61
Travel expenses:						
0600 Transportation		7,500.00		5,500.00		8,896.66
0610 Local transportation		450.00		450.00		312.00
06 Total travel expenses		7,950.00		5,950.00		9,208.66
07 Transportation of things		700.00		700.00		6,848.75
08 Printing and binding (engraving seals)		20.00		20.00		162.50
09 Advertising and publication of notices		100.00		100.00		45.67
10 Furnishing of heat and light		2,000.00		2,000.00		4,080.00
11 Rent		57,000.00		57,000.00		50,368.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Immigration of Aliens, Department of State—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Repairs and alterations:			
1200	Repairs to buildings	$3,800.00	$2,800.00	$263.00
1280	Repairs to furniture and fixtures	1,000.00	1,000.00	905.00
12	Total repairs and alterations	4,800.00	3,800.00	1,168.00
13	Special and miscellaneous (taxes and rates)	2,500.00	2,500.00	3,782.00
	Equipment:			
3010	Furniture and fixtures	11,720.00	9,720.00	15,275.32
3017	Typewriters	3,500.00	3,500.00	
3021	Library stock: Books	600.00	600.00	3,446.58
3059	Miscellaneous equipment	260.00	260.00	2,997.00
30	Total equipment	16,080.00	14,080.00	21,718.90
			469,720.00	489,997.33
	Unobligated balance			2.67
	Reserve		15,000.00	
	Total	500,000.00	484,720.00	490,000.00

Relief and Protection of American Seamen—
For relief, protection, and burial of American seamen in foreign countries, in the Panama Canal Zone, and in the Philippine Islands, and shipwrecked American seamen in the Territory of Alaska, in the Hawaiian Islands, in Porto Rico, and in the Virgin Islands (*U. S. C., pp. 1518–1523, secs. 651–687, inclusive; act Feb. 24, 1927, vol. 44, p. 1183*) ..... $100,000.00 | $100,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
02	Supplies and materials (clothing)	$2,000.00	$2,000.00	$2,478.31
	Subsistence and support of persons:			
0320	Board and lodging	20,000.00	20,000.00	14,643.11
0350	Medical aid	20,000.00	20,000.00	12,003.06
03	Total subsistence and support of persons	40,000.00	40,000.00	26,646.17
06	Travel expenses	55,000.00	55,000.00	30,381.86
13	Special and miscellaneous current expenses	1,500.00	1,500.00	347.29
22	Burial expenses	1,500.00	1,500.00	463.21
				60,316.84
	Unobligated balance			64,683.16
	Total	100,000.00	100,000.00	125,000.00

Salaries, Foreign Service Officers—
For salaries of Foreign Service Officers as provided in the act approved May 24, 1924, entitled, "An act for the reorganization and improvement of the Foreign Service of the United States, and for other purposes" (*U. S. C., p. 642, sec. 3; act Feb. 24, 1927, vol. 44, p. 1183*) ..... 3,001,000.00 | 2,930,000.00

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Field service:						
	Salaries and wages—	*Average—*		*Average—*		*Average—*	
	Salary range, $7,500 and over—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Class 1 and class 2	48	$8,479	48	$8,479	46	$8,467
	Salary range, $6,000 to $7,500; average, $6,750—						
	Class 3 and class 4	107	6,467	107	6,467	104.7	6,482
	Salary range, $3,800 to $5,000; average, $4,400—						
	Class 5, class 6, and class 7	240	4,450	240	4,450	237.2	4,439
	Salary range, $3,000 to $3,600; average, $3,300—						
	Class 8, class 9, and unclassified at $3,000	138	3,336	138	3,336	136.5	3,346
	Salary range, $2,400 to $3,000; average, $2,700—						
	Unclassified	145	2,770	125	2,582	117.9	2,592
	Total average number of employees	678		658		642.3	
					2,926,000		
	Deduct anticipated turnover				21,000		
01	Total salaries and wages, field service		3,001,000		2,905,000		2,883,404
	Unobligated balance						6,596
	Reserve				25,000		
	Total		3,001,000		2,930,000		2,890,000

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Salaries, Foreign Service Officers While Receiving Instructions and in Transit— To pay the salaries of ambassadors, ministers, consuls, vice consuls, and other officers of the United States for the period actually and necessarily occupied in receiving instructions and in making transits to and from their posts, and while awaiting recognition and authority to act in pursuance with the provisions of section 1740 of the Revised Statutes (*U. S. C., p. 650, sec. 121; act Feb. 24, 1927, vol. 44, p. 1183*)	$20,000.00	$20,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
01 Personal services	$20,000.00	$18,000.00	$13,358.45
Unobligated balance			6,641.55
Reserve		2,000.00	
Total	20,000.00	20,000.00	20,000.00

	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Transportation of Foreign Service Officers— To pay the traveling expenses of diplomatic, consular, and Foreign Service officers, and clerks to embassies, legations, and consulates, including officers of the United States Court for China, and the itemized and verified statements of the actual and necessary expenses of transportation and subsistence, under such regulations as the Secretary of State may prescribe, of their families and effects, in going to and returning from their posts, including not to exceed [$25,000] *$35,000* incurred in connection with leaves of absence, [$275,000] *$330,000*: *Provided*, That no part of said sum shall be paid for transportation on foreign vessels without a certificate from the Secretary of State that there are no American vessels on which such officers and clerks may be transported (*U. S. C., p. 643, sec. 17; act Feb. 24, 1927, vol. 44, p. 1183*)	330,000.00	275,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Travel expenses:			
0601 Railroad, steamship, and local transportation	$159,500.00	$130,000.00	$122,753.26
0640 Subsistence	29,250.00	25,000.00	25,086.78
0690 Other expenses	29,250.00	25,000.00	22,518.52
06 Total travel expenses	218,000.00	180,000.00	170,358.56
07 Transportation of effects	112,000.00	85,000.00	104,541.48
		265,000.00	274,900.04
Unobligated balance			99.96
Reserve		10,000.00	
Total	330,000.00	275,000.00	275,000.00

	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Emergencies Arising in the Diplomatic and Consular Service— To enable the President to meet unforeseen emergencies arising in the Diplomatic and Consular Service, and to extend the commercial and other interests of the United States and to meet the necessary expenses attendant upon the execution of the neutrality act, to be expended pursuant to the requirement of section 291 of the Revised Statutes (*U. S. C., p. 982, sec. 107; pp. 460, 461, secs. 21–30, inclusive; act Feb. 24, 1927, vol. 44, p. 1184*)	400,000.00	400,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
1380 Emergencies arising in the Diplomatic and Consular Service	$400,000	$400,000	$374,931
Unobligated balance			25,069
Total	400,000	400,000	400,000

	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Allowance to Widows or Heirs of Foreign Service Officers Who Die Abroad— For payment under the provisions of section 1749 of the Revised Statutes of the United States to the widows or heirs at law of Diplomatic, Consular, and Foreign Service officers of the United States dying in foreign countries in the discharge of their duties (*U. S. C., p. 650, sec. 130; act Feb. 24, 1927, vol. 44, p. 1184*)	2,000.00	2,000.00

2103 Allowance to widows or heirs: Expenditures—1929, $2,000; 1928, $2,000; 1927, $1,183.88.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Transporting Remains of Foreign Service Officers and Clerks—		
For defraying the expenses of transporting the remains of Diplomatic, Consular, and Foreign Service officers of the United States, including clerks, who have died or may die abroad or in transit, while in the discharge of their official duties, to their former homes in this country for interment, and for the ordinary and necessary expenses of such interment, at their post or at home (*act Feb. 24, 1927, vol. 44, p. 1184*)	$6,000.00	$4,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
05	Telegrams	$80.00	$80.00	$56.07
06	Transportation, local	250.00	250.00	74.61
07	Transportation of corpses	2,470.00	1,470.00	1,824.74
22	Burial expenses	3,200.00	2,200.00	2,607.06
	Total	6,000.00	4,000.00	4,562.48

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Post Allowances to Foreign Service Officers—		
To enable the President, in his discretion, and in accordance with such regulations as he may prescribe, to make special allowances by way of additional compensation to Diplomatic, Consular, and Foreign Service officers, and officers of the United States Court for China in order to adjust their official income to the ascertained cost of living at the posts to which they may be assigned (*act Feb. 24, 1927, vol, 44, p. 1184*)	100,000.00	24,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	No.		*No.*		*No.*	
Post allowances	4	$1,000	1	$1,000		
Post allowances	4	700	1	700	1	$700
Post allowances	24	600	6	600	5	600
Post allowances					1	550
Post allowances	20	500	5	500	11	500
Post allowances	12	400	3	400	2	400
Post allowances	16	350	4	350	2	350
Post allowances	96	300	24	300	21	300
Post allowances	28	250	7	250	7	250
Post allowances	24	240	6	240	4	240
Post allowances	48	200	12	200	12	200
Post allowances	24	150	6	150	7	150
Post allowances					2	125
Post allowances	24	120	6	120	3	120
Post allowances	8	100	2	100	4	100
Post allowances					1	50
	332		83		83	
						24,770
Unobligated balance						230
01 Total		100,000		24,000		25,000

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Foreign Service Buildings Fund—		
For the purpose of carrying into effect the provisions of the "Foreign Service buildings act, 1926," and for each and every object thereof, including the initial alterations, repair, and furnishing of buildings heretofore acquired under specific authorization of Congress for the use of the diplomatic and consular establishments in foreign countries, $1,300,000, to remain available until expended (U. S. C., p. 1953, sec. 295) (submitted)	1,300,000.00	
31 Land and interests in land and 32 structures and parts, 1929, $1,300,000; 1927, $435,000.		
Foreign Service Retirement and Disability Fund—		
For beginning the financing of the liability of the United States, created by the act entitled "An act for the reorganization and improvement of the Foreign Service of the United States, and for other purposes," approved May 24, 1924, as amended by the act of July 3, 1926, $213,000, which amount shall be placed to the credit of the "Foreign Service Retirement and Disability Fund" (U. S. C., p. 643, sec. 21) (submitted)	213,000.00	
50 Investment of trust fund: Expenditures, 1929, $213,000.		
Annual Expenses of Cape Spartel Light, Coast of Morocco—		
For annual proportion of the expenses of Cape Spartel and Tangier Light on the coast of Morocco, including loss by exchange (*treaty of May 31, 1865, vol. 14, p. 679; act Feb. 24, 1927, vol. 44, p. 1184*)	386.00	386.00
2212 United States share of expenses of Cape Spartel and Tangier Light: Expenditures—1929, $386; 1928, $386; 1927, $344.83.		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Rescuing Shipwrecked American Seamen— For expenses which may be incurred in the acknowledgment of the services of masters and crews of foreign vessels in rescuing American seamen or citizens from shipwreck or other catastrophe at sea (*act Feb. 24, 1927, vol. 44, p. 1184*)	$2,000.00	$2,000.00
2230 Expenses of acknowledging services of masters and crews of foreign vessels when rescuing American seamen or citizens from shipwreck: Expenditures—1929, $2,000; 1928, $2,000; 1927, $1,763.40.		
International Bureau of Weights and Measures— For contribution to the maintenance of the International Bureau of Weights and Measures, in conformity with the terms of the [convention] *conventions* of May 20, 1875, *and October 6, 1921*, the same to be paid, under the direction of the Secretary of State, to said bureau on its certificate of apportionment (*treaty of May 20, 1875, vol. 20, p. 714; arts. 9, 10, 11; act Feb. 24, 1927, vol. 44, p. 1184*)	3,000.00	3,000.00
22 Grants, subsidies, and contributions: Expenditures—1929, $3,000; 1928, $3,000; 1927, $3,000.		
International Bureau for Publication of Customs Tariffs— To meet the share of the United States in the annual expense for the year ending March 31, [1928] *1929*, of sustaining the international bureau at Brussels for the translation and publication of customs tariffs, pursuant to the convention proclaimed December 17, 1890 (*treaty of July 5, 1890, vol. 26, p. 1520, art. 9; act Feb. 24, 1927, vol. 44, p. 1185*)	1,400.00	1,400.00
22 Grants, subsidies, and contributions: Expenditures—1929, $1,400; 1928, $1,400; 1927, $1,400.		
Water Boundary, United States and Mexico— [To enable the President to perform] *For expenses of meeting* the obligations of the United States under the treaties of 1884, 1889, 1905, and 1906 between the United States and Mexico, including not to exceed $1,200 for rent of offices, and the expenses of maintenance and operation of motor-propelled vehicles, *installation, maintenance, and operation of gauging stations where necessary and their equipment, and so much of the amount herein appropriated as may be necessary for these purposes may be transferred by the Secretary of State to the United States Geological Survey for direct expenditure* [$44,000: *Provided*, That $4,000 of this amount shall be expended for the gauging of the waters of the Rio Grande River at the water-gauging stations at San Marcial, New Mexico, El Paso and Fabens, Texas: *Provided further*, That not to exceed $6,000 of such sum may in the discretion of the President be used for taking over the water gauging now being done by the State of Texas.] (*treaties of Nov. 12, 1884, vol. 24, p. 1011; May 1, 1889, vol. 26, p. 1513, Art. II; act Feb. 24, 1927, vol. 44, p. 1185*)	58,000.00	44,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $7,500 and over—						
Commissioner	1	$8,000	1	$8,000		
Salary range, $3,800 to $5,000; average, $4,400—						
Commissioner					1	$5,000
Consulting engineer	1	4,800	1	4,800	1	4,800
Secretary and disbursing officer	1	4,000	1	4,000	1	4,000
Salary range, $2,100 to $2,700; average, $2,400—						
Assistant secretary and translator	1	2,400	1	2,400	1	2,400
Salary range, $1,860 to $2,400; average, $2,111—						
Instrument man	1	2,400	0.8	2,400	1	2,400
Draftsman and computer	1	2,400	1	2,400	1	2,400
Stenographer	1	1,800				
Salary range, $1,320 to $1,680; average, $1,500—						
Head chainman	1	1,500	0.4	1,500	1	1,500
Salary range, $1,140 to $1,500; average, $1,320—						
Head chainman	1	1,200	0.4	1,200	1	1,200
Total average number of employees	9		6.6		8	
Total salaries		28,500.00		24,575.00		23,700.00
Wages: Miscellaneous wages in connection with surveys		3,200.00		1,300.00		1,107.49
Total salaries and wages, field service		31,700.00		25,875.00		24,807.49
The difference between 1929 and 1928 is due to—						
Increase in wages	$1,900					
Increase in force	1,800					
Difference due to part time	2,125					
Total	5,825					

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Water Boundary, United States and Mexico—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Supplies and materials:			
0200	Stationery and office supplies	$100.00	$100.00	$122.55
0220	Engineer's supplies	250.00	250.00	4.00
0236	Gas and oil	500.00	500.00	492.60
0284	Tires and tubes	100.00	100.00	175.00
0290	Material, lumber, metal, monuments, etc	1,200.00	1,200.00	215.30
02	Total supplies and materials	2,150.00	2,150.00	1,009.45
	Communication service:			
0500	Telegraph service	75.00	75.00	20.61
0510	Telephone service	125.00	125.00	90.60
05	Total communication service	200.00	200.00	111.21
06	Travel expenses	2,000.00	1,800.00	1,775.74
11	Rent of office	1,200.00	1,200.00	1,200.00
12	Repairs to motor vehicles	200.00	200.00	174.67
13	Special and miscellaneous	1,400.00	150.00	87.04
	Equipment:			
3010	Furniture and fixtures	500.00		
3019	Sundry items	150.00	150.00	7.50
30	Total equipment	650.00	150.00	7.50
	Special for gauging stations:			
	Hydrographer at Presidio, Tex		1 1,620	
	Hydrographer at Del Rio, Tex		1 1,620	
	Gauge reader at Del Rio, Tex		1 120	
	Hydrographer at San Marcial, N. Mex	1 1,800	1 1,800	
	Hydrographer at El Paso and Fabens, Tex	1 1,300	1 1,300	
	Engineer	1 3,000	0.7 3,000	1 3,000
	Observers	6 1,070		
01	Total personal services	9 12,520	5.7 8,585	1 3,000
06	Travel expenses: Transportation	4,520.00	1,380.00	
12	Repairs to equipment	700.00	700.00	
30	Miscellaneous equipment	700.00	1,110.00	
	Total gauging station expenses	18,440.00	11,775.00	5,550.00
			43,500.00	34,723.10
	Unobligated balance			1,276.90
	Reserve (deducted from wages)		500.00	
	Total	58,000.00	44,000.00	36,000.00

Boundary Line, Alaska and Canada, and United States and Canada—

To enable the Secretary of State to mark the boundary and make the surveys incidental thereto between the Territory of Alaska and the Dominion of Canada, in conformity with the award of the Alaskan Boundary Tribunal and existing treaties, including employment at the seat of government of such surveyors, computers, draftsmen, and clerks as are necessary; and for the more effective demarcation and mapping, pursuant to the treaty of April 11, 1908, between the United States and Great Britain, of the land and water boundary line between the United States and the Dominion of Canada, as established under existing treaties, to be expended under the direction of the Secretary of State, including the salaries of the commissioner and the necessary engineers, surveyors, draftsmen, computers, and clerks in the field and at the seat of government, expense of necessary traveling, for payment for timber necessarily cut in determining the boundary line not to exceed $500, and commutation to members of the field force while on field duty or actual expenses not exceeding $5 per day each, to be expended in accordance with regulations from time to time prescribed by the Secretary of State, [$26,410] *$23,660: Provided*, That the commissioner shall be allowed his traveling expenses in accordance with the provisions of the subsistence expense act of 1926 (*treaties of June 15, 1846, vol. 9, p. 859, Art. I; Jan. 24, 1903, vol. 32, p. 1961, Art. I; act Feb. 24, 1927, vol. 44, p. 1185*) ..... $23,660.00 | $26,410.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Boundary Line, Alaska and Canada, and United States and Canada—Continued.

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
		Average— *No.*	*Salary*	*Average*— *No.*	*Salary*	*Average*— *No.*	*Salary*
	Salaries:						
	Engineer to the commission					1	$5,400
	Cartographer					1	4,000
	Mathematician	1	$4,400	1	$4,400	1	4,000
	Topographic engineer	3	4,267	3	4,267	3	3,867
	Chief clerk and disbursing officer					1	2,352
	Topographic draftsman	1	2,900	1	2,900	1	2,500
	Computer	1	3,000	2	2,850	1	2,479
		6		7		9	
01	Total personal services		23,100		24,800.00		32,331.39
	The difference between 1929 and 1928 is due to—						
	Decrease in force $1,800						
	Increase in salaries 100						
	Net decrease 1,700						
02	Stationery and office supplies		75.00		75.00		60.31
0500	Telegraph service		10.00		10.00		13.86
0510	Telephone service						111.68
	Total communication service		10.00		10.00		125.54
0600	Transportation		200.00		200.00		426.52
0610	Local transportation		50.00		50.00		26.68
0630	Per diem in lieu of subsistence expenses		100.00		100.00		248.75
	Total travel expenses		350.00		350.00		701.95
07	Transportation of things (service)		50.00		100.00		
12	Repairs and alterations						2.63
13	Special and miscellaneous expenses		75.00		75.00		36.00
30	Equipment						260.92
	Total		23,660.00		26,410.00		33,518.74

International Boundary Commission, United States and Canada and Alaska and Canada—

To enable the President to perform the obligations of the United States under the treaty between the United States and Great Britain in respect of Canada, signed February 24, 1925; for salaries and expenses, including the salary of the commissioner and salaries of the necessary engineers, clerks, and other employees for duty at the seat of government and in the field; cost of office equipment and supplies; necessary traveling expenses; commutation of subsistence to employees while on field duty not to exceed $4 per day each; for payment for timber necessarily cut in keeping the boundary line clear not to exceed $500; and for all other necessary and reasonable expenses incurred by the United States in maintaining an effective demarcation of the international boundary line between the United States and Canada and Alaska and Canada under the terms of the treaty aforesaid, to be disbursed under the direction of the Secretary of State [, $22,000, of which sum $5,000 shall be immediately available: *Provided*, That when the commissioner, or the engineer to the commissioner, shall be absent from Washington or their regular place of residence on official business they shall be allowed actual and necessary expenses of subsistence not to exceed $8 per day each] (*treaty of Feb. 24, 1925, vol. 44, pt. 2, p. 110; act. Feb. 24, 1927, vol. 44, p. 1185*) $24,750.00 $22,000.00

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation	
		Average— *No.*	*Salary*	*Average*— *No.*	*Salary*
0111	Salaries:				
	Engineer to the Commission	1	$5,800	1	$5,800
	Geodetic engineer	1	3,600		
	Secretary and disbursing officer	1	3,000	1	3,000
		3	12,400	2	8,800
0112	Wages, temporary field hands		4,172		2,900
01	Total personal services		16,572		11,700
	The difference between 1929 and 1928 is due to increase in force, $4,872.				
	Supplies and materials:				
0200	Stationery and office supplies		255.53		300.00
0280	Sundry supplies		475.00		200.00
	Total supplies and materials		730.53		500.00
03	Commutation in lieu of subsistence (temporary employees)		3,075.00		2,034.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

International Boundary Commission, United States and Canada and Alaska and Canada—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation
	Communication service:		
0500	Telegraph service	$25.00	$25.00
0510	Telephone service	125.00	125.00
	Total communication service	150.00	150.00
	Travel expenses:		
0600	Transportation	1,691.47	2,250.00
0630	Per diem in lieu of subsistence expenses	1,161.00	1,151.00
	Total travel expenses	2,852.47	3,401.00
07	Transportation of things (service)	820.00	415.00
30	Equipment	450.00	
32	Structures	100.00	3,300.00
	Reserve		500.00
	Total	24,750.00	22,000.00

International Prison Commission—
For subscription of the United States as an adhering member of the International Prison Commission, and the expenses of a commission, including preparation of reports (*U. S. C., p. 662, sec. 263; act Feb. 24, 1927, vol. 44, p. 1186*) — $2,550.00 — $2,550.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
01	Personal services	$400	$400	
02	Stationery	50	50	
06	Travel expenses	1,145	1,145	$1,650
08	Typewriting	50	50	
	Grants, subsidies, and contributions:			
2212	Contribution of United States to International Prison Commission	900	900	900
2210	Dues in American Prison Association	5	5	
22	Total grants, subsidies, and contributions	905	905	900
	Total	2,550	2,550	2,550

Pan American Union—
For the payment of the quota of the United States for the support of the Pan American Union, [$130,568.93] *$132,256*, and for printing and binding of the union, $20,000; in all, [$150,568.93] *$152,256: Provided*, That any moneys received from the other American Republics for the support of the union shall be paid into the Treasury as a credit, in addition to the appropriation, and may be drawn therefrom upon requisitions of the chairman of the governing board of the union for the purpose of meeting the expenses of the union and of carrying out the orders of the said governing board (*U. S. C., p. 662, sec. 264; p. 1434, sec. 282; act Feb. 24, 1927, vol. 44, p. 1186*) — 152,256.00 — 150,568.93

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
2212	Contribution of the United States to the support of the Pan American Union	$132,256.00	$130,568.93	$126,713.58
2212	Contribution of the United States for printing and binding for the Pan American Union for fiscal year ending June 30, 1929	20,000.00	20,000.00	20,000.00
	Total	152,256.00	150,568.93	146,713.58

International Bureau of Permanent Court of Arbitration—
To meet the share of the United States in the expenses for the calendar year [1926] *1927* of the International Bureau of the Permanent Court of Arbitration, created under article 43 of the convention concluded at The Hague, October 18, 1907, for the pacific settlement of international disputes (*treaty of Oct. 18, 1907, vol. 36, pt. 2, pp. 2222, 2225, arts. 43, 50; act Feb. 24, 1927, vol. 44, p. 1186*) — 2,000.00 — 2,000.00

22 Grants, subsidies, and contributions: Expenditures—1929, $2,000; 1928, $2,000; 1927, $1,755.29.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object		Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Bureau of Interparliamentary Union for Promotion of International Arbitration—			
For the contribution of the United States toward the maintenance of the Bureau of the Interparliamentary Union for the promotion of international arbitration (*act Feb. 24, 1927, vol. 44, p. 1186*)		$6,000.00	$6,000.00
22 Grants, subsidies, and contributions: Expenditures—1929, $6,000; 1928, $6,000; 1927, $6,000.			
International Commission on Annual Tables of Constants, etc.—			
To the International Commission on Annual Tables of Constants and Numerical Data, Chemical, Physical, and Technological, as established by the Seventh International Congress of Applied Chemistry in London and as continued by the eighth congress in New York, as a contribution by the United States toward the publication of annual tables of constants, chemical, physical, and technological (*act Feb. 24, 1927, vol. 44, p. 1187*)		500.00	500.00
22 Grants, subsidies, and contributions: Expenditures—1929, $500; 1928, $500; 1927, $500.			
International Institute of Agriculture at Rome, Italy—			
For the payment of the quota of the United States, including the Territory of Hawaii, and the dependencies of the Philippine Islands, Porto Rico, and the Virgin Islands, for the support of the International Institute of Agriculture for the calendar year [1928] *1929* (*quota authorized, treaty of June 7, 1905, vol. 35, p. 1918, pt. 2, Art. X; act Feb. 24, 1927, vol. 44, p. 1187*)	$9,600.00		
To enable the Secretary of State, in his discretion, to pay the additional quota of the United States, including the Territory of Hawaii, and the dependencies of the Philippine Islands, Porto Rico, and the Virgin Islands, for the support of the International Institute of Agriculture, in accordance with the resolutions of the general meetings of the institute held in November, 1920, and May, 1924, $34,740, for the calendar year [1928] *1929*, to be paid in United States currency on the basis of the fixed rate of exchange at par (*act Feb. 24, 1927, vol. 44, p. 1187*)	34,740.00		
For salary of the one member of the permanent committee of the International Institute of Agriculture for the calendar year [1928] *1929* (*act Feb. 24, 1927, vol. 44, p. 1187*)	5,000.00		
For the cost of translating into and printing in the English language the publications of the International Institute of Agriculture at Rome (*act Feb. 24, 1927, vol. 44, p. 1187*)	5,000.00		
For clerical assistance and traveling and office expenses (submitted)	3,660.00		
		58,000.00	54,340.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
01 Salary of the one member of the permanent committee	$5,000	$5,000	$5,000
08 Translating and printing in the English language the publications of the institute	5,000	5,000	5,000
13 Special and miscellaneous expenses	3,660		
Grants, subsidies, and contributions:			
2212 Contributions of the United States on account of share of the United States in expenses of the institute, including dependencies of Hawaii, the Philippine Islands, Porto Rico, and the Virgin Islands, in all 48 units, or 120,000 francs	9,600	9,600	9,600
2212 Contributions of the United States on account of the additional quota	34,740	34,740	34,740
22 Total grants, subsidies, and contributions	44,340	44,340	44,340
		49,340	
Reserve		5,000	
Total	58,000	54,340	54,340

International Railway Congress—			
To pay the quota of the United States as an adhering member of the International Railway Congress for the year ending April 15, [1928] *1929* (*act Feb. 24, 1927, vol. 44, p. 1187*)		800.00	800.00
22 Grants, subsidies, and contributions: Expenditures—1929, $800; 1928, $800; 1927, $800.			
Pan American Sanitary Bureau—			
For the annual share of the United States for the maintenance of the Pan American Sanitary Bureau for the year [1928] *1929* (*treaties of Oct. 15, 1905, vol. 35, pt. 2, p. 2094, Art. X; Nov. 24, 1924, art. 60; act Feb. 24, 1927, vol. 44, p. 1187*)		29,055.14	28,912.28
22 Grants, subsidies, and contributions: Expenditures—1929, $29,055.14; 1928, $28,912.28; 1927, $29,222.32.			

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
International Office of Public Health—		
For the payment of the quota of the United States for the year [1928] *1929* toward the support of the International Office of Public Health, created by the international arrangement signed at Rome, December 9, 1907, in pursuance of article 181 of the International Sanitary Convention signed at Paris on December 3, 1903 (*treaties of Dec. 3, 1903, Dec. 9, 1907, vol. 35, p. 2061, Art. III; act Feb. 24, 1927, vol. 44, p. 1187*)	$3,860.00	$3,860.00
22 Grants, subsidies, and contributions: Expenditures—1929, $3,860; 1928, $3,860; 1927, $3,015.62.		
International Radiotelegraphic Convention—		
For the share of the United States for the calendar year [1928] *1929*, as a party to the international radiotelegraphic conventions heretofore signed, of the expenses of the radiotelegraphic service of the International Bureau of the Telegraphic Union at Berne (*treaties of Nov. 3, 1906, July 5, 1912, vol. 37, pt. 2, pp. 1569–1597; act Feb. 24, 1927, vol. 44, p. 1187*)	5,750.00	5,750.00
22 Grants, subsidies, and contributions: Expenditures—1929, $5,750; 1928, $5,750; 1927, $5,750.		
United States Section, Inter-American High Commission—		
To defray the actual and necessary expenses on the part of the United States section of the Inter-American High Commission, $21,000, to be expended under the direction of the Secretary of State (*acts Feb. 7, 1916, vol. 39, p. 8; Feb. 24, 1927, vol. 44, p. 1188*)	21,000.00	21,000.00

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
		Average—		*Average*—		*Average*—	
		No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Field service—						
	Salaries and wages—						
	Salary range, $5,200 to $6,000; average, $5,600—						
	Secretary general	1	$5,600	1	$5,600		
	Salary range, $3,800 to $5,000; average, $4,400—						
	Assistant secretary	1	3,300	1	3,300	0.7	$3,000
						0.7	2,700
	Salary range, $2,400 to $3,000; average, $2,700—						
	Research assistant and administrative assistant	1	2,800	1	2,800	0.3	2,540
	Research assistant	1	2,400	0.7	2,400	1.7	2,400
	Research assistant (research clerk)					0.4	2,040
	Salary range, $1,800 to $2,100; average, $1,950—						
	Translator and Spanish secretary	1	1,920	1	1,920	1	1,860
	Salary range, $1,320 to $1,680; average, $1,500—						
	Translator and typist	1	1,500	1	1,500	0.8	1,440
	English stenographer	1	1,500	1	1,500	0.7	1,440
						0.3	1,320
	Salary range, $900 to $1,140; average, $1,020—						
	Messenger	1	1,040	1	1,040	1	1,040
	Total average number of employees	8		8		7.6	
01	Total salaries, field service		19,260.00		18,310.00		14,422.92
	Supplies and materials:						
0200	Stationery and office supplies		75.00		75.00		62.75
0222	Scientific and educational equipment		50.00		50.00		38.84
0223	Scientific and educational equipment (newspapers)		80.00		80.00		63.65
02	Total supplies and materials		205.00		205.00		165.24
	Communication service:						
0500	Telegraph service		300.00		300.00		285.33
0510	Telephone service		25.00		25.00		20.69
0520	Other communication service		190.00		190.00		190.00
05	Total communication service		515.00		515.00		496.02
	Travel expenses:						
0601	Transportation		575.00		575.00		11.18
0640	Subsistence		250.00		250.00		24.00
06	Total travel expenses		825.00		825.00		35.18
08	Printing and binding (photographic, etc.)		5.00		5.00		
12	Repairs and alterations		25.00		25.00		23.46
13	Special and miscellaneous		10.00		10.00		
30	Furniture, furnishings, and fixtures		75.00		75.00		66.84
	Typewriters		80.00		80.00		89.00
					20,050.00		15,298.66
	Unobligated balance						5,701.34
	Reserve				950.00		
	Total		21,000.00		21,000.00		21,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Waterways Treaty, United States and Great Britain: International Joint Commission, United States and Great Britain—		
For salaries and expenses, including salaries of commissioners and salaries of clerks and other employees appointed by the commissioners on the part of the United States, with the approval solely of the Secretary of State, cost of law books, books of reference, and periodicals, office equipment and supplies, and necessary traveling expenses, and for one-half of all reasonable and necessary joint expenses of the International Joint Commission incurred under the terms of the treaty between the United States and Great Britain concerning the use of boundary waters between the United States and Canada, and for other purposes, signed January 11, 1909, [$42,000] *$34,000*, to be disbursed under the direction of the Secretary of State: *Provided*, That traveling expenses of the commission or secretary shall be allowed in accordance with the provisions of the subsistence expense act of 1926: *Provided further*, That a part of this appropriation may be expended for rent of offices for the commission in the District of Columbia in the event that the Public Buildings Commission is unable to supply suitable office space [: *Provided further*, That $10,000 of this amount shall be immediately available, remain available until June 30, 1928, and shall be transferred to the United States Geological Survey, with the approval of the Secretary of the Interior, to carry out Article VI of the treaty of January 11, 1909, and shall also be available for personal services, procurement of technical and scientific equipment, and the hire, maintenance, repair, and operation of motor-propelled and horse-drawn passenger-carrying vehicles] (*treaty of Jan. 11, 1909, vol. 36, p. 2453, art. 12; act June 13, 1902, vol. 32, p. 373, sec. 4; U. S. C., p. 662, sec. 268; act Feb. 24, 1927, vol. 44, p. 1188*)	$34,000.00	$42,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Commissioners	3	$7,500	3	$7,500	3	$7,500
Secretary and special disbursing officer	1	4,000	1	4,000	1	4,000
Clerk	1	2,050	1	2,050	1	2,050
Total number of employees	5		5		5	
Total salaries and wages, field service		28,550		28,550		28,550
Special and miscellaneous payments to temporary technical, clerical, and other assistants		500		500		30
01 Total personal services		29,050		29,050		28,580
02 Supplies and materials		100.00		100.00		33.93
03 Subsistence and support of persons		525.00		525.00		175.55
05 Communication service		145.00		145.00		82.36
06 Travel expense		3,975.00		1,075.00		1,034.68
07 Transportation of things		5.00		5.00		6.00
13 Special and miscellaneous expenses		150.00		150.00		60.75
30 Equipment (office)		50.00		50.00		
				31,100.00		29,973.27
Unobligated balance						2,026.73
Reserve				900.00		
Add amount transferred to Bureau of Reclamation				10,000.00		
Total		34,000.00		42,000.00		32,000.00

Payment to the Government of Panama under Treaty of November 18, 1903—

To enable the Secretary of State to pay to the Government of Panama the [sixteenth] *seventeenth* annual payment due on February 26, [1928] *1929*, from the Government of the United States to the Government of Panama under article 14 of the treaty of November 18, 1903 (*treaty of Nov. 18, 1903, vol. 33, p. 2238, art. 14; Feb. 24, 1927, vol. 44, p. 1188*) 250,000.00 250,000.00

5100 Treaty obligations: Expenditures—1929, $250,000; 1928, $250,000; 1927, $250,000.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), data of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object		Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
International Research Council—			
To pay the annual share of the United States, as an adhering member of the International Research Council and of the associated unions organized at Brussels, July 18–28, 1919, as follows:			
International Research Council	$160.00		
International Astronomical Union	960.00		
International Union of Pure and Applied Chemistry	360.00		
International Union of Geodesy and Geophysics	1,664.00		
International Union of Mathematics	80.00		
International Union of Scientific Radiotelegraphy	128.00		
International Union of Pure and Applied Physics	128.00		
In all, $3,480, to be expended under the direction of the Secretary of State (*act Feb. 24, 1927, vol. 44, p. 1188*)		$3,480.00	$3,480.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Contributions of the United States as an adhering member of the International Research Council:			
International Research Council	$160.00	$160.00	$80.75
International Astronomical Union	960.00	960.00	484.49
International Union of Pure and Applied Chemistry	360.00	360.00	181.45
International Union of Geodesy and Geophysics	1,664.00	1,664.00	839.80
International Union of Mathematics	80.00	80.00	39.80
International Union of Scientific Radiotelegraphy	128.00	128.00	63.70
International Union of Pure and Applied Physics	128.00	128.00	64.52
			1,754.51
Unobligated balance			1,725.49
2212 Total	3,480.00	3,480.00	3,480.00

International Hydrographic Bureau—
For the annual contribution of the United States toward the maintenance of the International Hydrographic Bureau (*act Feb. 24, 1927, vol. 44, p. 1189*) — 5,790.00 — 5,790.00

22 Grants, subsidies, and contributions: Expenditures—1929, $5,790; 1928, $5,790; 1927, $3,888.22.

Foreign Hospital at Cape Town—
For annual contribution toward the support of the Somerset Hospital (a foreign hospital), at Cape Town, $50, to be paid by the Secretary of State upon the assurance that suffering seamen and citizens of the United States will be admitted to the privileges of said hospital (*act Feb. 24, 1927, vol. 44, p. 1189*) — 50.00 — 50.00

22 Grants, subsidies, and contributions: Expenditures—1929, $50; 1928, $50; 1927, $50.

International Trade-Mark Registration Bureau—
For the annual share of the United States for the expenses of the maintenance of the International Trade-Mark Registration Bureau at Habana, including salaries of the director and counselor, assistant director and counselor, clerks, translators, secretary to the director, stenographers and typewriters, messenger, watchmen, and laborers, rent of quarters, stationery and supplies, including the purchase of books, postage, traveling expenses, and the cost of printing the bulletin (*act Feb. 24, 1927, vol. 44, p. 1189*) — 4,961.00 — 4,961.00

22 Grants, subsidies, and contributions: Expenditures—1929, $4,961; 1928, $4,961; 1927, $4,961.

International Bureau for Protection of Industrial Property—
For the share of the United States in the expense of conducting the International Bureau of the Union for the Protection of Industrial Property, at Berne, Switzerland (*treaty of Mar. 20, 1883, vol. 25, p. 1378, Art. XIII; act Feb. 24, 1927, vol. 44, p. 1189*) — 1,700.00 — 1,700.00

22 Grants, subsidies, and contributions: Expenditures—1929, $1,700; 1928, $1,700; 1927, $1,036.56.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, reference to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Mixed Claims Commission, United States and Germany and Tripartite Claims Commission, United States, Austria, and Hungary—		
For the expenses of determining the amounts of claims against Germany by the Mixed Claims Commission established under the agreement concluded between the United States and Germany on August 10, 1922, for the determination of the amount to be paid by Germany in satisfaction of the financial obligations of Germany under the treaty concluded between the Governments of the United States and Germany on August 25, 1921, for the expenses of determining the amounts of claims against Austria and Hungary by the Tripartite Claims Commission established under the agreement concluded between the United States and Austria and Hungary on November 26, 1924, for the determination of the amount to be paid by Austria and Hungary in satisfaction of the financial obligations of Austria and Hungary under the treaties concluded between the Governments of the United States and Austria on August 24, 1921, and between the Governments of the United States and Hungary on August 29, 1921, and or the treaties of Saint Germain-en-Laye and Trianon, respectively, including the expenses which under the terms of such agreement of August 10, 1922, and the agreement of November 26, 1924, are chargeable in part to the United States; and the expenses of an agency of the United States to perform all necessary services in connection with the preparation of claims and the presentation thereof before said mixed and tripartite commissions, including salaries of an agent and necessary counsel and other assistants and employees, rent in the District of Columbia, contingent expenses, traveling expenses, and such other expenses in the United States and elsewhere as the President may deem proper (*treaties of Aug. 25, 1921, vol. 42, p. 117, pt. 2; Aug. 24, 1921, vol. 42, p. 1946, pt. 2; agreements of Aug. 10, 1922, vol. 42, p. 378, pt. 2; Nov. 26, 1924; act Feb. 24, 1927, vol. 44, p. 1189*)	$118,762.00	$119,117.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries—	*Average*—		*Average*—		*Average*—	
Salary range, $7,500 and over—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
American commissioner	1	$12,000	1	$12,000	1	$12,000
American agent	1	12,000	1	12,000	1	12,000
Salary range, $6,000 to $7,500; average, $6,750—						
Counsel and assistant to agent	1	6,500	1	6,500	1	6,500
Salary range, $3,800 to $5,000; average, $4,400—						
Counsel and assistant to agent	1	5,000	1	5,000	1	5,000
Attorney	2	4,000	2	4,000	1.4	4,000
Salary range, $3,300 to $3,900; average, $3,600—						
Chief clerk and distributing officer	1	3,600	1	3,500	1	3,500
Salary range, $3,000 to $3,600; average, $3,300—						
Attorney					0.3	3,500
Attorney and secretary	1	3,500	1	3,500	1	3,000
Attorney					0.3	3,000
Secretary on part of the United States	1	3,000	1	3,000	1	3,000
Secretary to American commissioner	1	3,600	1	3,600	1	3,600
Salary range, $2,400 to $3,000; average, $2,700—						
Law clerk					0.3	2,700
Salary range, $1,860 to $2,400; average, $2,130—						
Clerk	1	2,000	1	2,000	1	2,000
Stenographer	1	2,040	1	2,040	1	2,040
Stenographer	1	2,000	1	2,000		
Salary range, $1,500 to $1,860; average, $1,680—						
Accountant	1	1,500	1	1,500	1	1,500
Stenographer	2	1,800	2	1,800	2	1,800
Stenographer	2	1,660	2	1,660	2	1,660
Stenographer					1	1,600
Stenographer and typist	1	1,600	1	1,600	1.7	1,600
File clerk					1	1,800
File clerk	1	1,700	1	1,700		
Assistant file clerk					0.4	1,740
Assistant file clerk					1	1,600
Salary range, $1,320 to $1,680; average, $1,500—						
Stenographer-typist					0.3	1,500
Stenographer-typist					0.3	1,400
File clerk	1	1,600	1	1,600		
Assistant file clerk	1	1,500	1	1,500	0.5	1,500
Assistant file clerk					1	1,420
Typist-clerk	1	1,500	1	1,500	0.3	1,500
Salary range, $1,140 to $1,500; average, $1,320—						
File clerk	1	1,400	1	1,400	0.7	1,400
File clerk					1.3	1,200
Stenographer-typist	1	1,400	1	1,400	2.1	1,400
Typist					1.1	1,400
Telephone operator and office assistant	1	1,200	1	1,200	1	1,200
Clerk					0.1	1,400
Clerk					0.1	1,200
Salary range, $900 to $1,200; average, $1,080—						
Messenger	2	1,200	2	1,200	2	1,200
Total number of employees	28		28		33.2	
Total salaries and wages, field service		55,880.00		53,880.00		91,791.07
0150 Special professional service		1,600.00		1,100.00		1,000.00
0150 Moiety charges		14,400.00		14,400.00		13,837.23
0150 Other special and miscellaneous services		160.00		160.00		14.50
01 Total personal services		102,040.00		99,540.00		106,642.80

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, reference to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Mixed Claims Commission, United States and Germany and Tripartite Claims Commission, United States, Austria, and Hungary—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Supplies and materials:			
0200	Stationery and office supplies	$950.00	$1,450.00	$966.38
0284	Ice	84.03	84.36	82.19
02	Total supplies and materials	1,034.03	1,534.36	1,048.57
	Communication service:			
0500	Telegraph service	200.00	200.00	62.06
0510	Telephone service	900.00	900.00	816.54
0520	Other communication service	125.00	125.00	127.17
05	Total communication service	1,225.00	1,225.00	1,005.77
06	Travel expenses	1,000.00	1,000.00	1,237.17
07	Transportation of things	225.00	225.00	
11	Rent	12,387.97	12,672.97	12,987.97
12	Repairs and alterations	100.00	100.00	100.00
	Special and miscellaneous current expenses:			
1373	Towel service	100.00	100.00	97.44
1380	Special and miscellaneous	65.00	65.00	40.27
13	Total special and miscellaneous current expenses	165.00	165.00	137.71
	Equipment:			
3010	Furniture and fixtures	500.00	500.00	817.52
3019	Annunciator and call systems	40.00	40.00	12.35
3021	Other equipment (library stock, etc.)	75.00	75.00	159.00
30	Total equipment	615.00	615.00	988.87
			117,077.33	124,139.66
	Unobligated balance			15,360.34
	Reserve		2,000.00	
	Total	115,762.00	119,077.33	140,000.00

General and Special Claims Commissions, United States and Mexico—

For the expenses of the settlement and adjustment of claims by the citizens of each country against the other under a convention concluded September 8, 1923, and of citizens of the United States against Mexico under a convention concluded September 10, 1923, between the United States and Mexico, including the expenses which, under the terms of the two conventions, are chargeable in part to the United States, the expenses of the two commissions, and the expenses of an agency of the United States to perform all necessary services in connection with the preparation of the claims and the presenting thereof before the said commissions, as well as defending the United States in cases presented under the general convention by Mexico, including salaries of an agent and necessary counsel and other assistants and employees and rent in the District of Columbia and elsewhere, law books and books of reference, printing and binding, contingent expenses, contract stenographic reporting services, traveling expenses, and such other expenses in the United States and elsewhere as the President may deem proper (*conventions of Sept. 8, 1923, vol. 43, p. 102, pt. 2; Sept. 10, 1923, vol. 43, p. 110, pt. 2; act Feb. 24, 1927, vol. 44, p. 1190*) $350,000.00 $350,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
AGENCY OF THE UNITED STATES						
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
Salary range, $7,500 and over—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Agent of the United States	1	$12,000	1	$12,000	1	$12,000
Assistant agent	2	7,500	2	7,500	1.4	7,500
Salary range, $6,000 to $7,500; average, $6,750—						
Counsel	2	6,600	2	6,600	1.7	6,600
Salary range, $3,800 to $5,000; average, $4,400—						
Counsel	4	5,000	4	5,000	2.5	5,000
Special assistant	1	5,000	1	5,000	1	5,000
Attorney	6	4,167	6	4,167	7.1	4,242
Salary range, $3,000 to $3,600; average, $3,300—						
Secretary to agency	1	3,500	1	3,500	0.5	3,250
Administrative officer	1	3,500	1	3,500	1	3,250
Chief translator and index clerk	1	3,300	1	3,300	0.7	3,300
Attorney	1	3,000	1	3,000	1.2	3,300
Salary range, $2,400 to $3,000; average, $2,700—						
Chief, index and files	1	3,000	1	3,000	1	3,000
Attorney	2	2,575	2	2,575	3.1	2,518
Translator	2	3,000	2	3,000	2.5	2,675

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, reference to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

General and Special Claims Commissions, United States and Mexico—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average—		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Field service—Continued.						
Salaries and wages—Continued.						
Salary range, $1,800 to $2,400; average, $2,111—						
Secretary to American agent	1	$2,400	1	$2,400	1	$2,400
Stenographer	2	2,100	2	2,100	1.5	2,000
Translator	1	2,000	1	2,000	1.2	1,950
Clerk	5	1,880	5	1,880	3.6	1,817
Salary range, $1,500 to $1,860; average, $1,680—						
Stenographer	13	1,800	13	1,800	12.9	1,718
Law clerk	1	1,600	1	1,600	1.3	1,600
Clerk	7	1,600	7	1,600	5.2	1,546
Translator					0.3	1,600
Salary range, $1,140 to $1,500; average, $1,320—						
Stenographer					0.8	1,400
Clerk					1.9	1,284
Typist					0.3	1,200
Messenger	2	1,140	2	1,140	2.2	1,068
Total average number of employees	57		57		55.9	
Total salaries and wages, field service		174,130		174,130		164,864
0150 Special and miscellaneous payments for professional services		23,000		26,000		10,780
Total personal services		197,130		200,130		175,644
GENERAL CLAIMS COMMISSION						
Field service:						
Salaries and wages—						
Salary range, $7,500 to $12,000—						
Chairman of commission (one-half of $15,000)	1	7,500	1	7,500	1	7,500
American commissioner	1	12,000	1	12,000	1	12,000
Salary range, $3,300 to $3,900; average, $3,600—						
American secretary	1	3,500	1	3,500	1	3,500
Salary range, $2,400 to $3,000; average, $2,700—						
Secretary to chairman (one-half of $3,000)	1	1,500	1	1,500	0.6	1,200
Assistant to American secretary	1	2,700	1	2,700	1	2,500
Secretary to American commissioner	1	2,800	1	2,800	1.1	2,760
Translator (one-half of $3,000)	1	1,500	1	1,500	1	1,500
Translator (one-half of $2,500)	2	1,250	2	1,250	2	1,250
Salary range, $1,500 to $1,860; average, $1,680—						
Stenographer to American secretary	1	1,600	1	1,600	0.2	1,500
Stenographer (one-half of $1,800)	2	900	2	900	2	750
Clerk	1	1,400	1	1,400		
Salary range, $900 to $1,140; average, $1,020—						
Messenger (one-half of $1,000)	1	500	1	500	0.6	500
Total average number of employees	14		14		11.5	
Total salaries and wages, field service		39,300		39,300		34,065
SPECIAL CLAIMS COMMISSION						
Field service:						
Salaries and wages—						
Salary range, $7,500 to $12,000—						
Chairman of commission (one-half of $15,000)	1	7,500	1	7,500		
American commissioner	1	12,000	1	12,000	0.9	12,000
Salary range, $3,300 to $3,900; average, $3,600—						
American secretary	1	3,500	1	3,500	1	3,500
Salary range, $2,400 to $3,000; average, $2,700—						
Secretary to chairman (one-half of $3,000)	1	1,500	1	1,500		
Secretary to American commissioner	1	2,400	1	2,400	0.7	2,400
Salary range, $1,860 to $2,400; average, $2,111—						
Stenographer to American secretary	1	2,000	1	2,000	1	1,800
Total average number of employees	6		6		3.6	
Total, salaries and wages, field service		28,900		28,900		16,920
01 Total personal services		265,930.00		248,330.00		226,629.00
2 Stationery and supplies		3,100.00		3,100.00		2,651.35
Communication service:						
0500 Telegraph service		360.00		360.00		255.40
0510 Telephone service		1,200.00		1,200.00		1,012.75
0520 Postage		100.00		100.00		110.00
05 Total communication service		1,660.00		1,660.00		1,378.15
Travel expenses:						
0600 Transportation		8,300.00		10,000.00		200.00
0610 Local transportation		50.00		50.00		20.00
0630 Per diem		23,400.00		15,000.00		6,716.65
06 Total travel expenses		31,750.00		25,050.00		6,936.65
Printing and binding:						
0800 Printing and binding		14,200.00		20,000.00		5,857.65
0820 Stenographic and duplicating service		9,000.00		5,860.00		4,467.39
08 Total printing and binding		23,200.00		25,860.00		10,325.04
11 Rent		21,000.00		22,000.00		20,866.58
12 Repairs		250.00		250.00		213.71

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, reference to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

General and Special Claims Commissions, United States and Mexico—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Special and miscellaneous current expenses:			
1373	Laundry and towel service	$60.00	$100.00	$23.00
1380	Expenses not elsewhere classified	750.00	1,050.00	975.96
13	Total special and miscellaneous current expenses	810.00	1,150.00	998.96
	Equipment:			
3010	Furniture, furnishings, and fixtures	1,000.00	1,000.00	583.74
3017	Office machines and devices	500.00	800.00	660.10
3021	Educational equipment	800.00	800.00	550.00
30	Total equipment	2,300.00	2,600.00	1,793.84
			330,000.00	271,793.28
	Unexpended balance			78,206.72
	Reserve		20,000.00	
	Total	350,000.00	350,000.00	350,000.00

International Fisheries Commission—

For the share of the United States of the expenses of the International Fisheries Commission, established under the treaty between the United States and Great Britain, concluded March 2, 1923, including salaries of two members and other employees of the commission, traveling expenses, purchase of books, periodicals, furniture, and scientific instruments, contingent expenses, rent in the District of Columbia, and such other expenses in the United States and elsewhere as the President may deem proper, to be disbursed under the direction of the Secretary of State (*treaty of Mar. 2, 1923, vol. 43, p. 1841, pt. 2; acts June 7, 1924, sec. 11, vol. 43, p. 650; Feb. 24, 1927, vol. 44, p. 1190*) $36,500.00 $28,000.00

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Field service:						
	Salaries and wages—	*Average—*		*Average—*		*Average—*	
		No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Salary range, $6,000 to $7,500; average, $6,750—						
	Director of investigation	1	$6,000	1	$6,000	1	$6,000
	Salary range, $3,000 to $3,600; average, $3,300—						
	Assistant director	1	3,500	1	3,500	1	3,500
	Salary range, $2,700 to $3,300; average, $3,000—						
	Scientific assistant	1	2,850	1	2,850	1	2,800
	Salary range, $2,100 to $2,700; average, $2,400—						
	Scientific assistant	1	2,310	1	2,310	1	2,200
	Salary range, $1,860 to $2,400; average, $2,100—						
	Scientific assistant	1	2,070	1	2,000	1	2,000
	Statistical assistant	1	2,000	1	2,000	1	1,800
	Salary range, $1,320 to $1,680; average, $1,500—						
	Statistical assistant	1.2	1,500	1	1,500	1	1,500
	Bookkeeper	1	1,620	1	1,620	1	1,400
	Salary range, $1,140 to $1,500; average, $1,320—						
	Stenographer	1	1,200	1	1,200	1	1,200
	Salary range, $900 to $1,140; average, $1,020—						
	Clerk	3	900	1.5	900	1	900
	Total average number of persons	12.2		10.5		10	
	Total salaries and wages, field service		25,990.00		24,330.00		23,259.68
01	One-half chargeable to the United States		12,995.00		12,165.00		11,629.84
02	Stationery and office supplies		661.27		627.06		675.18
06	Travel and subsistence		4,063.08		2,762.75		2,010.39
07	Charter of vessels		12,073.20		8,585.78		9,177.89
13	Special and miscellaneous expenses (tagging of fish)		3,366.00		1,359.00		1,138.83
30	Equipment		3,341.45		1,500.41		2,016.82
					27,000.00		26,648.95
	Unobligated balance						1,851.05
	Reserve				1,000.00		
	Total		36,500.00		28,000.00		28,500.00

International Statistical Institute at The Hague—

For the annual contribution of the United States to the International Statistical Bureau at The Hague for the year [1928] *1929*, as authorized by public resolution approved April 28, 1924, $2,000, to be expended under the direction of the Secretary of State (*resolution of Apr. 28, 1924, vol. 43, p. 112; act Feb. 24, 1927, vol. 44, p. 1190*) 2,000.00 2,000.00

22 Grants, subsidies, and contributions: Expenditures—1929, $2,000; 1928, $2,000; 1927, $2,000.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
International Water Commission, United States and Mexico—		
For a study in cooperation with representatives of the Government of Mexico regarding the equitable use of the waters of the lower Rio Grande, of the lower Colorado, and of the Tia Juana Rivers, for the purpose of securing information on which to base a treaty with the Government of Mexico relative to the use of the waters of these rivers for irrigation and other beneficial purposes, including salaries of commissioners and other employees, transportation, subsistence, printing and binding, and such other miscellaneous expenses, including necessary travel to and from points in the Republic of Mexico, as the President may deem proper, $35,000, to be immediately available (acts May 13, 1924, vol. 43, p. 118; Dec. 5, 1924, vol. 43, p. 692; Mar. 4, 1925, vol. 43, p. 1340; July 3, 1926, vol. 44, p. 867; Mar. 3, 1927, vol. 44, part 2, p. 1403)	$35,000.00	

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Field service:			
Salaries—	*Average—*	*Average—*	*Average—*
	No. *Salary*	*No.* *Salary*	*No.* *Salary*
Salary range, $7,500 and over—			
Commissioner [1]	0.9 $6,000		
Salary range, $3,800 to $5,000; average, $4,400—			
Engineer	1 4,400		
Salary range, $1,860 to $2,400; average, $2,111—			
Senior engineering draftsman	1 1,860		
Senior clerk-stenographer	1 2,100		
Total average number of employees	3.9		
01 Total personal services	13,360		
Supplies and materials:			
0200 Stationery and office supplies	750		
0280 Sundry supplies	1,000		
02 Total supplies and materials	1,750		
05 Communication service	500		
06 Travel expense	10,000		
07 Transportation of things	100		
Printing and binding:			
0800 Printing and binding	1,500		
0810 Lithographing, engraving, etc	500		
0820 Stenographic work, job work	1,000		
0830 Photographing and making photographic prints	1,000		
08 Total printing and binding, etc	4,000		
13 Special and miscellaneous current expenses	5,290		
Total	35,000		

[1] Commission is composed of 3 commissioners, 2 of whom serve without additional compensation.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
International Road Congress—		
To pay the quota of the United States in the Permanent Association of International Road Congresses, as authorized by the public resolution approved June 18, 1926 (*acts June 18, 1926, vol. 44, p. 754; Feb. 24, 1927, vol. 44, p. 1191*)	3,000.00	$3,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
06 Transportation and subsistence			$4,854.11
22 Grants, subsidies, and contributions	$3,000.00	$3,000.00	3,000.00
			7,854.11
Unobligated balance			145.89
Total	3,000.00	3,000.00	8,000.00

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
International Map of the World—		
For the share of the United States of the expenses of the central bureau of the international map of the world for the calendar year [1927] *1928* (*acts May 1, 1926, vol. 44, p. 384; Feb. 24, 1927, vol. 44, p. 1191*)	30.00	30.00

22 Grants, subsidies, and contributions: Expenditures—1929, $30; 1928, $30; 1927, $5.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
International Exposition at Seville, Spain— For expenses of participation, as authorized by public resolution approved March 3, 1925, in an international exposition to be held at Seville, Spain, and for all purposes of the said resolution, including purchase of land, *printing and binding*, and traveling expenses, $200,000, this appropriation not to be available except for the purposes of participation in the exposition commencing April 27, 1927, or in that exposition postponed to any other date: [*Provided*, That any unexpended balance of the appropriation for such exposition for the fiscal year 1927 is reappropriated for the fiscal year 1928] *Provided, That this appropriation and the unexpended balance of the appropriations heretofore made for this purpose shall remain available until June 30, 1930 (joint resolution Mar. 3, 1925, vol. 43, p. 1256; act Feb. 24, 1927, vol. 44, p. 1191)*	$200,000.00	$200,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average—		*Average—*		*Average—*	
Salaries:	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Commissioner general	1.3	$15,000	1	$15,000	0.8	$11,708
Commissioners (when employed)	2	7,500	0.7	7,500	0.4	3,000
Secretary	1.3	5,000	1	5,000	0.3	1,600
Stenographer	1.3	2,300	1	2,300	0.3	786
Special disbursing officer	1.3	5,000	0.6	5,000		
Bookkeeper	1.3	2,400	0.6	2,400		
Department representatives	8.6	1,860				
Mechanics, guards, laborers, etc	10	1,000				
Total number of persons	27.1		4.9		4	
Total salaries		78,125.00		31,700.00		17,093.90
Architect's fee		7,200.00		3,000.00		3,000.00
01 Total personal services. The difference between 1929 and 1928 is due to increase in force, $50,625.		85,325.00		34,700.00		20,093.90
02 Supplies and materials		4,250.00		4,250.00		357.63
05 Communication service		660.00		400.00		38.99
Travel expenses:						
0600 Transportation		9,000.00		6,000.00		2,913.56
0640 Subsistence		32,000.00		12,000.00		828.99
06 Total travel expenses		41,000.00		18,000.00		3,742.55
08 Printing and binding		5,000.00		5,000.00		31.70
10 Light, power, water, and gas services		4,500.00		2,500.00		
Special and miscellaneous:						
1370 Miscellaneous		6,000.00		2,150.00		
1380 Preparation of exhibits		20,000.00		70,000.00		
13 Total special and miscellaneous		26,000.00		72,150.00		
Equipment:						
3010 Furniture and fixtures		15,000.00		5,000.00		
3021 Motion-picture exhibit		20,000.00				
30 Total equipment		35,000.00		5,000.00		
Construction:						
3200 Construction of buildings		110,000.00		110,000.00		
3213 Water, gas, and electric supply		1,700.00		2,300.00		
3220 Landscaping, roads, walks, etc		2,500.00		5,500.00		
32 Total construction		114,200.00		117,800.00		
Total		315,935.00		259,800.00		24,264.77

NOTE.—The excess of expenditures over appropriations will be paid from prior balances.

Statue of Henry Clay in Caracas, Venezuela—
To enable the Secretary of State to procure, to present to the Republic of Venezuela, and to erect in the city of Caracas, Venezuela, a bronze statue of Henry Clay, as provided by Public Act Numbered 637, approved February 24, 1927, including travel, subsistence or per diem in lieu of subsistence (act Feb. 24, 1927, vol. 44, p. 1178) 41,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Statue of Henry Clay in Caracas, Venezuela—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
1	Personal services	$1,000		
	Travel expenses:			
0600	Transportation	1,400		
0610	Local transportation	240		
0630	Per diem in lieu of subsistence	1,560		
0690	Special and miscellaneous	300		
06	Total travel expenses	3,500		
07	Transportation of things	1,000		
30	Cost of statue	30,000		
	Structural and nonstructural parts:			
3217	Pedestal	5,000		
3220	Preparation of site	500		
32	Total structural and nonstructural parts	5,500		
	Total	41,000		

Salaries and Expenses, United States Court for China—

Judge, $8,000; district attorney, $4,000; marshal, $3,000; clerk, $3,000; [stenographer] *two stenographers, $1,800 each*; court expenses, including reference law books, ice, and drinking water for office purposes, [$7,400] *$7,850*; in all (*U. S. C., p. 655, sec. 191; p. 656, secs. 197, 198, 201; act Feb. 24, 1927, vol. 44, p. 1192*) $34,250.00 $32,000.00

The judge of the said court and the district attorney shall, when the sessions of the court are held at other cities than Shanghai, receive in addition to their salaries their necessary actual expenses during such session, not to exceed $8 per day each, and so much as may be necessary for said purposes during the fiscal year ending June 30, [1928] *1929*, is appropriated (*U. S. C., p. 655, sec. 191; p. 656, secs. 197, 198, 201; act Feb. 24, 1927, vol. 44, p. 1192*).

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
		Average—		*Average—*		*Average—*	
	Personal services:	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
0111	Judge	1	$8,000.00	1	$8,000.00	1	$8,000.00
	District attorney	1	4,000.00	1	4,000.00	1	3,922.23
	Marshal	1	3,000.00	1	3,000.00	1	3,000.00
	Clerk of the court	1	3,000.00	1	3,000.00	2	4,941.67
	Assistant clerk	1	2,400.00	1	2,400.00		
	Stenographer and court reporter	1	2,400.00	1	2,400.00	1	2,400.00
	Stenographer	2	1,800.00	1	1,800.00	1	1,800.00
	Typist	1	1,500.00	1	1,200.00	1	999.84
0112	Per diem of commissioner	1	1,600.00	1	1,600.00	1	1,535.00
0112	Other personal services		1,500.00		1,500.00		1,379.05
0150	Medical services		110.00		110.00		6.22
01	Total personal services	10	31,110.00	9	28,510.00	9	27,984.01
	Supplies and materials:						
0200	Office supplies		370.00		370.00		309.65
0205	Cleaning supplies		100.00		100.00		73.69
0222	Newspapers		40.00		40.00		16.82
0240	Uniforms		30.00		30.00		31.17
0284	Ice and water		40.00		40.00		132.93
02	Total supplies and materials		580.00		580.00		564.26
03	Subsistence		120.00		120.00		44.34
	Communication service:						
0500	Telegraph and cable service		410.00		410.00		612.86
0510	Telephone service		200.00		200.00		155.27
0520	Other communication service		140.00		140.00		94.88
05	Total communication service		750.00		750.00		863.01
	Travel expenses:						
0600	Transportation		40.00		40.00		82.09
0610	Local transportation		70.00		70.00		9.32
06	Total travel expenses		110.00		110.00		91.41
07	Transportation of things		170.00		170.00		28.88
12	Repairs to furniture and fixtures		130.00		130.00		107.19
13	Special and miscellaneous		170.00		20.00		60.85

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Salaries and Expenses, United States Court for China—Continued.		

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Equipment:			
3010 Furniture and fixtures	$400.00	$400.00	$621.87
3017 Equipment, typewriters	210.00	210.00	
3021 Library books	500.00	500.00	335.87
30 Total equipment	1,110.00	1,110.00	957.74
		31,500.00	30,701.69
Unobligated balance			1,298.31
Reserve		500.00	
Total	34,250.00	32,000.00	32,000.00

Expenses of Prisons for American Convicts—

For expenses of maintaining in China, the former Ottoman Empire, Egypt, and Persia institutions for incarcerating American convicts and persons declared insane by the United States Court for China or any consular court, including salaries of not exceeding $1,800 for the deputy marshal and $1,200 each for three assistant deputy marshals at Shanghai; wages of prison keepers; rent of quarters for prisons; ice and drinking water for prison purposes; and for the expenses of keeping, feeding, and transportation of prisoners and persons declared insane by the United States Court for China or any consular court in China, the former Ottoman Empire, Egypt, and Persia, so much as may be necessary; in all (*U. S. C., p. 654, sec. 174; act Feb. 24, 1927, vol. 44, p. 1192*) $13,000.00 $13,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:	*Average*—		*Average*—		*Average*—	
Salaries—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Deputy marshal	1	$1,800	1	$1,800	1	$1,800
Assistant deputy marshal	3	1,200	3	1,200	3	1,200
Total average number of employees	4	6,400	4	5,400	4	6,400
Prison keeper		300.00		300.00		
Typist		500.00		500.00		
Medical service		275.00		275.00		212.50
Janitor		175.00		175.00		130.66
Guard		200.00		200.00		1,295.00
		1,450.00		1,450.00		1,638.16
01 Total personal services		6,850.00		6,850.00		7,038.16
Supplies and materials:						
0205 Cleaning supplies		110.00		110.00		68.92
0210 Medical supplies		25.00		25.00		16.28
0230 Fuel				50.00		
02 Total supplies and materials		135.00		185.00		85.20
03 Subsistence		650.00		800.00		688.38
Communication service:						
0500 Telegraph service		75.00		100.00		98.50
0510 Telephone service		80.00		80.00		62.87
05 Total communication service		155.00		180.00		161.37
06 Transportation		4,450.00		3,000.00		3,341.00
10 Furnishing of water		85.00		120.00		
11 Rent of office		560.00		700.00		560.00
Repairs and alterations:						
1200 Repairs to building				25.00		
1280 Repairs to furniture and fixtures		25.00		50.00		5.85
12 Total repairs and alterations		25.00		75.00		5.85
13 Special and miscellaneous		25.00		25.00		164.31
30 Equipment		65.00		65.00		17.30
				12,000.00		12,061.57
Unobligated balance						2,938.43
Reserve				1,000.00		
Total		13,000.00		13,000.00		15,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Bringing Home Criminals—		
For actual expenses incurred in bringing home from foreign countries persons charged with crime (*U. S. C., p. 511, sec. 659; act Feb, 24, 1927, vol. 44, p. 1192*)	$2,500.00	$2,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
0130	Authentications and court fees	$75.00	$75.00	
0151	Court expenses	1,075.00	1,075.00	
06	Transportation	1,350.00	850.00	
				$1,609.16
	Unobligated balance			390.84
	Total	2,500.00	2,000.00	2,000.00

No portion of the sums appropriated in Title I of this act shall, unless expressly authorized, be expended for rent in the District of Columbia or elsewhere in the United States.

Total, foreign intercourse, annual appropriations, including the Foreign Service and international obligations	12,411,590.14	10,172,175.21
Permanent and indefinite appropriations:		
Pay of Consular Officers for Services to American Vessels and Seamen—		
Allowances to consular officers, who are paid in whole or in part by fees, for services necessarily rendered to American vessels and seamen, as provided in the act of June 26, 1884 (*U. S. C., p. 1466, sec. 101; p. 648, sec. 89*)	10,000.00	10,000.00
01 Allowance to Consular and Foreign Service officers for services rendered to American vessels and seamen: Expenditures—1929, $10,000; 1928, $10,000; 1927, $10,000.		
Pan American Union Quotas—		
Indefinite appropriation of moneys received from other American Republics for support of the Pan American Union (*acts July 26, 1894, vol. 28, p. 151, sec. 1; Mar. 2, 1909, vol. 35, p. 678, sec. 1; Feb. 24, 1927, vol. 44, p. 1186*)	95,233.00	95,233.00
2212 Moneys received from other American Republics for support of Pan American Union: Expenditures—1929, $95,233; 1928, $95,233; 1927, $89,595.74.		
Foreign Governments' Moieties, Expenses, Mixed Claims Commission—		
Funds received from the German, Austrian, and Hungarian Governments and deposited in the Treasury as those Governments' moieties of the expenses of the Mixed Claims Commission, under the provisions of Article V of the agreement of August 10, 1922, between the United States and Germany (*act Sept. 22, 1922, vol. 42, p. 1051, sec. 1; decision of Comptroller General of the United States, A. D. 7284, Nov. 27, 1922*)	15,000.00	15,000.00
0150 Moiety expenses: Expenditures—1929, $15,000; 1928, $15,000; 1927, $15,544.		
Miscellaneous Indefinite Appropriations—		
Refunding penalties or charges erroneously exacted (*U. S. C., p. 509, sec. 643*)		
Refunding moneys erroneously received and covered (*U. S. C., p. 1021, sec. 711*)		
Refunding passport fees (*U. S. C., p. 657, sec. 216*)		
Negotiations for revision of fur-seal regulations for North Pacific Ocean and Bering Sea (*act Apr. 8, 1904, vol. 33, p. 586, secs. 1–3*)	1,000.00	1,000.00
Salaries and expenses, United States Court for China, indefinite portion (*U. S. C., p. 657, sec. 197; p. 1951, sec. 201; act Feb. 24, 1927, vol. 44, p. 1192*)		

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
5300	Refunding penalties, etc., erroneously exacted			
5310	Refunding moneys erroneously received and covered			
322	Refunding passport fees			
	Negotiations for revision of fur-seal regulations for North Pacific Ocean and Bering Sea	$1,000	$1,000	$1,000
	International Union of American Republics, receipts from sales, rents, etc			
	Salaries and expenses, United States Court for China			
03	Indefinite portion			

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Miscellaneous Trust Funds—		
Indefinite appropriation of all moneys received by the Secretary of State from foreign Governments and other sources, in trust, for citizens of the United States or others, and covered into the Treasury, to be paid to the ascertained beneficiaries thereof, as determined by the Secretary of State and certified by him to the Secretary of the Treasury (*U. S. C., p. 1010, sec. 547*)	$20,000.00	$20,000.00
Estates of decedents (*U. S. C., p. 646, sec. 75*)		
5280 Moneys received by the Secretary of State from foreign governments and other sources in trust for citizens of the United States or others, to be paid to the ascertained beneficiaries thereof; estates of decedents: Expenditures—1929, $20,000; 1928, $20,000; 1927, $20,000.		
Foreign Service Retirement and Disability Fund—		
Five per centum of the basic salary of all Foreign Service officers eligible to retirement shall be contributed to the Foreign Service retirement and disability fund and the Secretary of the Treasury is directed on and after the date on which this act takes effect to cause such deductions to be made and the sums transferred on the books of the Treasury Department to the credit of the Foreign Service retirement and disability fund for the payment of annuities, refunds, and allowances (*act July 3, 1926, vol. 44, p. 902*).		
21 Expenditures: 1929, $84,932.22; 1928, $75,402.19; 1927, $74,374.62.		
Total permanent and indefinite appropriations	141,233.00	141,233.00
Appropriations for 1928 not asked for 1929:		
Collection and editing official papers of Territories of the United States		20,000.00
Sixth International Conference of American States at Habana, Cuba		75,000.00
Second general meeting of the Inter-American High Commission, Rio de Janeiro, Brazil		40,000.00
International Fisheries Commission, United States and Mexico		40,000.00
Rainy Lake Reference		40,000.00
Replica of Houdon bust of Washington		1,000.00
Awards, American and British Claims Arbitration		239,506.20
Total		455,506.20
Total, Department of State, salaries, contingent expenses, passport bureaus, and printing and binding	1,462,365.00	1,386,205.00
Total, foreign intercourse, annual appropriations, including Foreign Service and international obligations	12,411,590.14	10,172,175.21
Appropriations for 1928 not asked for 1929		455,506.20
Total, permanent and indefinite appropriations	141,233.00	141,233.00
Total, Department of State	14,015,188.14	12,155,119.41

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

CHAPTER XI.—TREASURY DEPARTMENT

OFFICE OF THE SECRETARY

Salaries, Office of Secretary of the Treasury—

Salaries: Secretary of the Treasury, $15,000; Undersecretary of the Treasury, $10,000; three Assistant Secretaries of the Treasury, and other personal services in the District of Columbia in accordance with the classification act of 1923, [$125,000] *$132,900*; in all, [$150,000] *$157,900*: *Provided*, That in expending appropriations or portions of appropriations contained in this act for the payment of personal services in the District of Columbia in accordance with the classification act of 1923, the average of the salaries of the total number of persons under any grade in any bureau, office, or other appropriation unit shall not at any time exceed the average of the compensation rates specified for the grade by such act, and in grades in which only one position is allocated the salary of such position shall not exceed the average of the compensation rates for the grade, except that in unusually meritorious cases of one position in a grade advances may be made to rates higher than the average of the compensation rates of the grade, but not more often than once in any fiscal year and then only to the next higher rate: *Provided*, That this restriction shall not apply to (1) grades 1, 2, 3, and 4 of the clerical-mechanical service, or (2) to require the reduction in salary of any person whose compensation was fixed, as of July 1, 1924, in accordance with the rules of section 6 of such act, (3) to require the reduction in salary of any person who is transferred from one position to another position in the same or different grade in the same or a different bureau, office, or other appropriation unit, or (4) to prevent the payment of a salary under any grade at a rate higher than the maximum rate of the grade when such higher rate is permitted by the classification act of 1923, and is specifically authorized by other law (*U. S. C., p. 28, sec. 3; p. 42, secs. 244, 251; act Jan. 26, 1927, vol. 44, p. 1027*) ..... $157,900.00 | $150,000.00

NOTE.—This estimate includes salaries incident to foreign loans and transportation acts, dropped as separate item below.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:	*Average—*		*Average—*		*Average—*	
Salaries—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Secretary	1	$15,000	1	$15,000	1	$15,000
Undersecretary	1	10,000	1	10,000	0.9	10,000
Government actuary	1	10,000	1	10,000	1	10,000
Clerical, administrative, and fiscal service—						
Grade 14, $7,500 and over—						
Assistant Secretary	3	7,500	3	7,500	2.5	7,500
Grade 12, $5,200 to $6,000; average, $5,600—						
Senior administrative officer	3	5,600	3	5,600	3	5,600
Grade 11, $3,800 to $5,000; average, $4,400—						
Administrative officer	2	4,400	2	4,350	1.9	4,721
Grade 9, $3,000 to $3,600; average, $3,300—						
Senior administrative assistant	1	3,300	1	3,300	0.3	3,300
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant					1	3,000
Assistant accountant and auditor	1	2,700	1	2,700	1	2,500
Grade 6 $2,100 to $2,700; average, $2,400—						
Principal clerk	2	2,700	2	2,700	1.5	2,700
Principal clerk-stenographer	7	2,514	6.8	2,452	6.2	2,542
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	3	2,140	3	2,140	3	2,140
Senior clerk-stenographer	7	2,100	6	2,100	6.1	2,112
Senior accounting and auditing assistant	1	2,100	0.5	2,070	0.8	1,884
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk			0.8	1,680	0.2	1,860
Principal stenographer			0.5	1,860		
Clerk-stenographer					0.3	1,980
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk					0.2	1,680
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	2	1,680	2	1,680	2	1,680
Junior clerk-stenographer					0.2	1,320
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	1	1,500	1	1,500	1	1,500

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries, Office of Secretary of the Treasury—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service—Continued.						
Salaries—Continued.						
Professional service—	*Average—*		*Average—*		*Average—*	
Grade 5, $5,200 to $6,000; average, $5,600—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Senior attorney	1	$5,800				
Custodial service—						
Grade 4, $1,140 to $1,500; average, $1,320—						
Head messenger	1	1 500	1	$1,500	1	$1,500
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger	10	1,258	10	1,258	9.1	1,246
Total average number of employees	48		46.6		44.2	
Total salaries, departmental service		160,058		152,343		144,786
Covered by lapses, etc		2,158		5,343		
		157,900		147,000		144,786
Unobligated balance						5,214
Reserve				3,000		
01 Total		157,900		150,000		150,000
The difference between 1929 and 1928 is due to increase in force, by transfer of 2 employees from "Salaries and expenses incident to foreign loans and transportation acts," $7,900.						

Salaries and Expenses Incident to Foreign Loans and Transportation Acts—

[For expenses incident to the discharge of the duties imposed upon the Secretary of the Treasury by the transportation act, 1920, the Federal control act approved March 21, 1918, as amended, and for expenses arising in connection with loans and credits to foreign governments under the Liberty loan acts and the Victory Liberty loan act and in connection with credits granted or conditions entered into under the acts providing for the relief of populations in Europe and contiguous countries, and in connection with credits granted or conditions entered into under the act providing for the sale of surplus war material, including personal services in the District of Columbia] (*act Jan. 26, 1927, vol. 44, p. 1028*)..... $7,640.00

NOTE.—Included in "Salaries, office of the Secretary."

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional service—	*Average—*		*Average—*		*Average—*	
Grade 5, $5,200 to $6,000; average, $5,600—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Senior attorney			1	$5,600	1	$5,733
Clerical, administrative, and fiscal service—						
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk-stenographer			1	2,100	0.7	2,100
Total average number of employees			2		1.7	
01 Total salaries, departmental service				7,700		7,293
Communication service:						
05 Communication service (telephone)						11
Covered by lapses, etc				213		
				7,487		7,304
Unobligated balance						336
Reserve				153		
Total				7,640		7,640

Total, office of Secretary of the Treasury	$157,900.00	157,640.00

OFFICE OF CHIEF CLERK AND SUPERINTENDENT

Salaries, Office of Chief Clerk and Superintendent—

Salaries: For the chief clerk, who shall be the chief executive officer of the department and who may be designated by the Secretary of the Treasury to sign official papers and documents during the temporary absence of the Secretary, Undersecretary, and Assistant Secretaries of the department, and for other personal services in the District of Columbia, including the operating force of the Treasury, Liberty Loan and Register's Annex Buildings and the Treasury Department Annex, Pennsylvania Avenue and Madison Place, and of other buildings under the control of the Treasury Department, in accordance with the classification act of 1923 (*U. S. C., p. 42, sec. 249; act Jan. 26, 1927, vol. 44, p. 1028*)..... 484,000.00 | 466,023.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries, Office of Chief Clerk and Superintendent—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Clerical, administrative, and fiscal service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 12, $5,200 to $6,000; average, $5,600—						
Senior administrative officer	1	$5,800	1	$5,800	1	$5,658
Grade 10, $3,300 to $3,900; average, $3,600—						
Junior administrative officer	1	3,700	1	3,700	1	3,636
Grade 9, $3,000 to $3,600; average, $3,300—						
Senior administrative assistant	2	3,100	2	3,100	1.4	2,991
Grade 8, $2,700 to $3,300; average, $3,000—						
Administrative assistant					1.6	2,896
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk-stenographer	1	2,300	1	2,300	1	2,236
Principal accounting and auditing assistant					1	2,223
Principal clerk	1	2,200				
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	2	2,110	3	2,107	3	2,101
Senior clerk-stenographer	1	2,100	1	2,100	1	2,100
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	9	1,853	9	1,820	8.2	1,834
Clerk-stenographer	1	1,860				
Head operator, office devices	3	1,880	3	1,820	2.9	1,811
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	3	1,720	3	1,660	6.1	1,665
Assistant clerk-stenographer	3	1,680	4	1,725	5	1,718
Senior operator, office devices	3	1,640	3	1,640	1.5	1,770
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	2	1,410	2	1,380	2.8	1,418
Junior operator, office devices	2	1,470	2	1,419	3.5	1,419
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	6	1,340	6	1,340	7	1,309
Underoperator, office devices	13	1,310	13	1,260	13	1,257
Professional and scientific service—						
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant medical officer	1	2,400	1	2,400	0.8	2,400
Grade 1, $1,860 to $2,400; average, $2,111.42—						
Junior medical officer					0.2	2,100
Subprofessional service—						
Grade 6, $1,860 to $2,400; average, $2,111.42—						
Assistant chief nurse	1	1,920	1	1,860	0.2	1,860
Grade 4, $1,500 to $1,860; average, $1,680—						
Nurse					0.8	1,680
Custodial service—						
Grade 10, $2,400 to $3,000; average, $2,700—						
Chief mechanical superintendent	1	2,800	1	2,800	1	2,792
Grade 9, $2,100 to $2,700; average, $2,400—						
Assistant mechanical superintendent	2	2,400	2	2,300	1.1	2,192
Grade 8, $1,860 to $2,400; average, $2,111.42—						
Principal mechanic	2	2,110	2	2,080	2.9	2,098
Grade 7, $1,680 to $2,040; average, $1,860—						
Assistant chief guard	1	1,860	1	1,800	1	1,800
Senior mechanic	1	1,800	4	1,740	3.9	1,755
Grade 6, $1,500 to $1,860; average, $1,680—						
Mechanic	22	1,655	22	1,593	21.1	1,574
General foreman of laborers	1	1,800	1	1,740	1	1,702
Head guard	2	1,590	2	1,530	2	1,511
Grade 5, $1,320 to $1,680; average, $1,500—						
Junior mechanic	8	1,462	8	1,410	8.7	1,399
Grade 4, $1,140 to $1,500; average, $1,320—						
Assistant foreman of laborers	3	1,280	3	1,220	4	1,252
Undermechanic	20	1,299	20	1,239	19.9	1,217
Senior guard	5	1,200	5	1,140	3.3	1,151
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger	6	1,250	6	1,190	5.3	1,163
Minor mechanic	12.4	1,149	12.4	1,059	12.6	1,056
Senior laborer	2	1,110	2	1,050	2	1,018
Guard	81	1,057	81	1,039	84.3	1,038
Grade 2, $900 to $1,140; average, $1,020—						
Subordinate mechanic	24	1,048	24	987*	23.9	980
Junior laborer	87	942	87	913	82.2	910
Assistant messenger	1	960	1	900	1	900
Junior laborer (char)	117	471	108	471	121.9	427
Grade 1, $600 to $780; average, $690—						
Junior messenger	1	660	1	600	0.7	600
Total average number of employees	458.4		449.4		466.8	
Total salaries, departmental service		484,000		467,103		475,027
Covered by lapses, etc				1,080		
Unobligated balance						7,473
Total		484,000		466,023		482,500
The difference between 1929 an 1928 is due to—						
Increase in force	$4,239					
Increase in salaries	13,738					
Total increase	17,977					

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Contingent Expenses, Treasury Department: Newspaper Clippings and Books— For newspaper clippings, financial journals, law books, city directories, and other books of reference relating to the business of the department (*act Jan. 26, 1927, vol. 44, p. 1028*)	$1,000.00	$1,000.00
02 Supplies and materials: Expenditures—1929, $1,000; 1928, $1,000; 1927, $997.28.		
Contingent Expenses, Treasury Department: Freight, Telegrams, etc.— For freight, expressage, telegraph and telephone service (*act Jan. 26, 1927, vol. 44, p. 1028*)	10,000.00	10,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Communication service:			
0500 Telegraph service	$1,600.00	$1,600.00	$1,472.21
0500 Telegraph service (leased wires)			43.75
0510 Telephone service	8,100.00	8,100.00	8,345.29
05 Total communication service	9,700.00	9,700.00	9,861.25
07 Transportation of things (service)	250.00	250.00	8.57
30 Equipment	50.00	50.00	34.39
			9,904.21
Unobligated balance			95.79
Total	10,000.00	10,000.00	10,000.00

Contingent Expenses, Treasury Department: Rent— For rent of buildings in the District of Columbia for the use of the Treasury Department (*act Jan. 26, 1927, vol. 44, p. 1028*)	12,500.00	12,500.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
11 Rent	$12,500	$12,500	$12,500
Total	12,500	12,500	12,500

Contingent Expenses, Treasury Department: Motor Vehicles— For purchase, exchange, maintenance (including gasoline and oil) and repair of motor trucks and bicycles, and maintenance and repair of one passenger automobile for the Secretary of the Treasury, all to be used for official purposes only (*act Jan. 26, 1927, vol. 44, p. 1028*)	9,400.00	9,400.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Supplies and materials:			
0230 Fuel	$1,500.00	$1,500.00	$1,449.87
0280 Sundry supplies	1,100.00	1,100.00	1,057.48
0290 Materials	100.00	100.00	78.45
02 Total supplies and materials	2,700.00	2,700.00	2,585.80
12 Repairs and alterations	1,100.00	1,100.00	1,742.08
Equipment:			
3000 Motor vehicles	4,900.00	4,800.00	4,839.78
3050 Other equipment	700.00	400.00	184.20
30 Total equipment	5,600.00	5,200.00	5,023.98
		9,000.00	9,351.86
Unobligated balance			48.14
Reserve		400.00	
Total	9,400.00	9,400.00	9,400.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Contingent Expenses, Treasury Department: File Holders and Cases— For purchase of file holders and file cases (*act Jan. 26, 1927, vol. 44, p. 1028*)	$8,000.00	$8,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Supplies and materials:			
0280	Sundry supplies	$50.00	$50.00	$126.28
0290	Materials	400.00	400.00	95.00
02	Total supplies and materials	450.00	450.00	221.28
30	Equipment	7,550.00	7,550.00	4,752.99
				4,974.27
	Unobligated balance			25.73
	Total	8,000.00	8,000.00	5,000.00

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Contingent Expenses, Treasury Department: Fuel, etc.— For purchase of coal, wood, engine *and fuel* oils, and grease, grate baskets and fixtures, blowers, coal hods, coal shovels, pokers, and tongs (*act Jan. 26, 1927, vol. 44, p. 1028*)	19,000.00	19,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Supplies and materials:			
0230	Fuel	$17,900.00	$17,400.00	$16,923.27
0280	Sundry supplies	200.00	200.00	189.37
02	Total supplies and materials	18,100.00	17,600.00	17,112.64
10	Furnishing of heat, light, and power	900.00	900.00	889.52
			18,500.00	18,002.16
	Unobligated balance			997.84
	Reserve		500.00	
	Total	19,000.00	19,000.00	19,000.00

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Contingent Expenses, Treasury Department: Gas, etc.— For purchase of gas, electric current for lighting and power purposes, gas and electric light fixtures, electric-light wiring and material, candles, candlesticks, droplights and tubing, gas burners, gas torches, globes, lanterns, and wicks (*act Jan. 26, 1927, vol. 44, p. 1028*)	18,500.00	18,500.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Supplies and materials:			
0280	Sundry supplies	$900.00	$900.00	$953.32
0290	Materials			
02	Total supplies and materials	900.00	900.00	953.32
10	Furnishing of heat, light, and power (gas and electricity)	16,800.00	16,800.00	17,137.65
30	Equipment	800.00	300.00	301.54
			18,000.00	18,392.51
	Unobligated balance			1,607.49
	Reserve		500.00	
	Total	18,500.00	18,500.00	20,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Contingent Expenses, Treasury Department: Miscellaneous Items—		
[For washing and hemming towels, purchase of awnings and fixtures, window shades and fixtures, alcohol, benzine, turpentine, varnish, baskets, belting, bellows, bowls, brooms, buckets, brushes, canvas, crash, cloth, chamois skins, cotton waste, door and window fasteners, dusters; flower garden, street and engine hose; lace leather, lye, nails, oils, plants, picks, pitchers, powders, stencil plates, hand stamps and repairs of same, spittoons, soap, matches, match safes, sponges, tacks, traps, thermometers, toilet paper, tools, towels, towel racks, tumblers, wire, zinc, and for blacksmithing, repairs of machinery, removal of rubbish, sharpening tools, street-car fares not exceeding $300, advertising for proposals, and for sales at public auction in the District of Columbia of condemned property belonging to the Treasury Department, payment of auctioneer fees, and purchase of other absolutely necessary articles.]		
For purchase of awnings and window shades, including equipment therefor, alcohol, ammonia, belting, benzine, boiler compound, borax, brooms, buckets, canvas, cleaning compound, cheesecloth, chamois skins, cotton waste, crash, cuspidors, drafting equipment, flags, gasoline for cleaning, garden and engine hose including attachments, hand trucks and repairs, kerosene, lace leather, ladders, lye, matches, money boxes, mops and handles and mop tanks, nails, oils, picks, pitchers, plants, polishes, powders, signs (movable), soap, sponges, stencil plates, street-car fares not exceeding $300, tacks, thermometers, toilet paper and holders, tools and sharpening same, towels and racks, traps, tumblers, turpentine, varnish, wire, zinc, removal of rubbish, repairs of machinery, laundry service, and purchase of other absolutely necessary articles (U. S. C., p. 43, sec 257; act Jan. 26, 1927, vol. 44, p. 1028)	$11,500.00	$11,600.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Supplies and materials:			
0200	Stationery and office supplies	$6,000.00	$6,000.00	$6,087.60
0210	Medical and hospital supplies	25.00	10.00	52.34
0280	Sundry supplies	1,000.00	1,100.00	1,340.35
0290	Materials	30.00	30.00	30.89
02	Total supplies and materials	7,055.00	7,140.00	7,511.18
06	Travel expenses	300.00	300.00	300.00
12	Repairs and alterations	85.00	60.00	49.89
13	Special and miscellaneous current expenses	1,100.00	1,100.00	1,143.01
		1,485.00	1,460.00	1,492.90
	Equipment:			
3010	Furniture, furnishings, and fixtures	2,060.00	2,000.00	1,912.73
3050	Other equipment	900.00	900.00	522.60
30	Total equipment	2,960.00	2,900.00	2,435.33
	Unobligated balance		11,500.00	11,439.41
	Reserve		100.00	160.59
	Total	11,500.00	11,600.00	11,600.00

Labor-Saving Machines, Treasury Department—

For purchase of labor-saving machines, and supplies for same, including the purchase and exchange of registering accountants, numbering machines, and other machines of a similar character, including time stamps for stamping date of receipt of official mail and telegrams, and repairs thereto, and purchase of supplies for photographic copying machines (*act Jan. 26, 1927, vol. 44, p. 1029*) 30,000.00 20,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Supplies and materials:			
0200	Stationery and office supplies	$200.00	$150.00	$397.40
0280	Sundry supplies	100.00	50.00	189.55
02	Total supplies and materials	300.00	200.00	586.95
12	Repairs and alterations	3,500.00	3,000.00	2,648.41
30	Equipment	26,200.00	16,800.00	10,688.77
	Unobligated balance			13,924.13
				75.87
	Total	30,000.00	20,000.00	14,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Contingent Expenses, Treasury Department: Carpets and Repairs— For purchase of carpets, carpet border and lining, linoleum, mats, rugs, matting, and repairs and for cleaning, cutting, making, laying, and relaying of the same, by contract (*act Jan. 26, 1927, vol. 44, p. 1029*)	$1,000.00	$1,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
12	Repairs and alterations	$500.00	$650.00	$31.30
30	Equipment	500.00	350.00	465.27
				496.57
	Unobligated balance			3.43
	Total	1,000.00	1,000.00	500.00

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Contingent Expenses, Treasury Department: Furniture, etc.— For purchase of boxes, book rests, chairs, chair cane, chair covers, desks, bookcases, clocks, cloth for covering desks, cushions, leather for covering chairs and sofas, locks, lumber, screens, tables, typewriters, including the exchange of same, wardrobe cabinets, washstands, water coolers and stands, and for replacing other worn and unserviceable articles (*act Jan. 26, 1927, vol. 44, p. 1029*)	8,000.00	7,500.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Supplies and materials:			
0280	Sundry supplies	$300.00	$100.00	$312.77
0290	Materials	100.00	100.00	87.95
02	Total supplies and materials	400.00	200.00	400.72
12	Repairs and alterations	1,900.00	1,600.00	1,686.22
30	Equipment	5,700.00	5,700.00	5,375.74
				7,462.68
	Unobligated balance			37.32
	Total	8,000.00	7,500.00	7,500.00

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Operating Expenses, Treasury Department Annex— For operating expenses of the Treasury Department Annex Numbered 1 (Pennsylvania Avenue and Madison Place), including fuel, electric current, ice, ash removal, and miscellaneous items (*act Jan. 26, 1927, vol. 44, p. 1029*)	12,000.00	12,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Supplies and materials:			
0200	Stationery and office supplies	$1,800.00	$1,800.00	$1,787.33
0280	Sundry supplies	300.00	300.00	239.40
02	Total supplies and materials	2,100.00	2,100.00	2,026.73
	Furnishing of heat, light, power, etc.:			
1000	Heat	3,000.00	3,050.00	2,904.93
1030	Electricity and gas	5,500.00	5,400.00	5,680.03
10	Total furnishing of heat, light, power, etc	8,500.00	8,450.00	8,584.96
13	Special and miscellaneous expenses	200.00	250.00	197.00
	Equipment:			
3010	Furniture, furnishings, and fixtures	100.00	100.00	211.42
3050	Other equipment	1,100.00	600.00	857.29
30	Total equipment	1,200.00	700.00	1,068.71
			11,500.00	11,877.40
	Unobligated balance			1,122.60
	Reserve		500.00	
	Total	12,000.00	12,000.00	13,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Operating Expenses, Darby Building—		
Darby Building: For heating, electric current, electrical equipment, ice, and miscellaneous items (*act Jan. 26, 1927, vol. 44, p. 1029*)	$3,800.00	$4,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Supplies and materials:			
0200	Stationery and office supplies	$200.00	$150.00	$260.86
0230	Fuel	1,250.00	1,200.00	1,272.16
0280	Sundry supplies	200.00	200.00	201.75
02	Total supplies and materials	1,650.00	1,550.00	1,734.77
10	Furnishing of heat, light, and power (electricity)	1,700.00	1,600.00	1,710.13
	Equipment:			
3010	Furniture, furnishings, and fixtures	100.00	50.00	6.00
3050	Other equipment	350.00	300.00	173.46
30	Total equipment	450.00	350.00	179.46
			3,500.00	3,624.36
	Unobligated balance			375.64
	Reserve		500.00	
	Total	3,800.00	4,000.00	4,000.00

Total, Office of Chief Clerk and Superintendent	628,700.00	600,523.00

DIVISION OF SUPPLY

Salaries, Division of Supply—

Salaries: For the Chief, Division of Supply, and other personal services in the District of Columbia, in accordance with the classification act of 1923, $169,400 [: *Provided*, That employees detailed to the Bureau of Supply on June 30, 1927, shall be eligible for transfer to the Division of Supply on July 1, 1927] (*act Jan. 26, 1927, vol. 44, p. 1029*) 169,400.00 169,400.00

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Departmental service:						
	Salaries—						
	Clerical, administrative, and fiscal service—	*Average—*		*Average—*		*Average—*	
		No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Grade 12, $5,200 to $6,000; average, $5,600—						
	Senior administrative officer (Chief, Division of Supply)	1	$5,600	1	$5,600	0.5	$5,324
	Grade 11, $3,800 to $5,000; average, $4,400—						
	Administrative officer (Assistant Chief, Division of Supply)	1	4,400	1	4,400	0.9	4,345
	Grade 9, $3,000 to $3,600; average, $3,300—						
	Senior administrative assistant (chief of section)	1	3,000	1	3,000	2.1	3,514
	Grade 8, $2,700 to $3,300; average, $3,000—						
	Administrative assistant (chief of section)	1	3,000	1	3,000	1	2,983
	Traffic manager	1	2,700	1	2,700	0.4	2,700
	Grade 7, $2,400 to $3,000; average, $2,700—						
	Junior administrative assistant	5	2,640	4	2,650	5	2,596
	Grade 6, $2,100 to $2,700; average, $2,400—						
	Principal clerk	1	2,300	1	2,300	2	2,361
	Grade 5, $1,860 to $2,400; average, $2,111.42—						
	Senior clerk	9	2,104	10	2,134	10.5	2,079
	Grade 4, $1,680 to $2,040; average, $1,860—						
	Clerk	15	1,836	15	1,836	17.6	1,827
	Grade 3, $1,500 to $1,860; average, $1,680—						
	Assistant clerk	18	1,650	18	1,650	17.5	1,621
	Grade 2, $1,320 to $1,680; average, $1,500—						
	Junior clerk	14	1,453	14	1,453	13.4	1,461
	Grade 1, $1,140 to $1,500; average, $1,320—						
	Underclerk	14	1,273	14	1,286	13.7	1,236
	Custodial service—						
	Grade 4, $1,140 to $1,500; average, $1,320—						
	Undermechanic	1	1,140	1	1,140	1	1,140
	Grade 3, $1,020 to $1,260; average, $1,140—						
	Messenger	1	1,200	1	1,200	1	1,200
	Packer	11	1,091	11	1,091	12.5	1,078
	Chauffeur	1	1,080	1	1,080	1	1,080
	Laborer	2	1,020	2	1,020	2	1,020
	Grade 2, $900 to $1,140; average, $1,020—						
	Assistant messenger	2	900	2	900	1.7	900
	Unskilled laborer	1	1,080	1	1,080	1	1,080
	Grade 1, $600 to $780; average, $690—						
	Junior messenger	1	600	1	600	1	592
	Total average number of employees	101		101		105.8	
01	Total salaries, departmental service		169,400		169,400		[1] 176,696

[1] Represents sum of amounts paid to employees detailed from various offices and bureaus of Treasury Department, which is included in expenditures of those offices and bureaus and inserted here for information only.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Printing and Binding, Treasury Department—		
Printing and binding: For printing and binding for the Treasury Department, including all of its bureaus, offices, institutions, and services located in Washington, District of Columbia, and elsewhere, including materials for the use of the bookbinder located in the Treasury Department, but not including work done at the New York customhouse bindery authorized by the Joint Committee on Printing in accordance with the act of March 1, 1919 (*U. S. C., p. 1013, sec. 588; p. 1429, sec. 214; act Jan. 26, 1927, vol. 44, p. 1029*)	$715,000.00	$820,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
02011 Printed forms and letterheads	$420,000.00	$480,000.00	$423,048.06
0800 Printing and binding	335,000.00	370,000.00	335,097.79
	755,000.00	850,000.00	758,145.85
Unobligated balance			120,428.00
Reserve		10,000.00	
	755,000.00	860,000.00	878,573.85
Deduct amount received from sale of customs blanks	40,000.00	40,000.00	43,573.85
Total	715,000.00	820,000.00	835,000.00

Statement showing estimates of expenditures for printing and binding for each bureau or office for 1929 and 1928, and amounts expended in 1927

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Secretary, Undersecretary, and Assistant Secretaries	$12,000.00	$10,000.00	$11,758.26
Bureau of Engraving and Printing	7,200.00	5,800.00	7,209.78
Chief clerk and superintendent	1,500.00	1,300.00	1,315.20
Coast Guard:			
Bureau	30,000.00	12,500.00	15,032.87
Service	22,500.00	22,500.00	17,858.10
Commissioner of Accounts and Deposits	100.00	50.00	127.52
Comptroller of the Currency	24,000.00	24,000.00	28,312.99
Custodians of public buildings	1,900.00	1,500.00	1,805.63
Customs:			
Bureau	5,000.00	5,300.00	5,531.28
Service	80,000.00	92,700.00	78,630.25
Special agency service		900.00	1,398.32
Disbursing clerk	750.00	700.00	528.59
Division of Appointments	1,500.00	900.00	1,457.94
Division of Bookkeeping and Warrants	15,000.00	10,500.00	19,845.34
Division of Deposits	50.00	50.00	30.33
Division of Secret Service	500.00	500.00	327.78
Division of Supply	7,500.00	5,800.00	7,345.96
General Supply Committee	30,000.00	25,500.00	28,431.52
Government actuary	1,250.00	1,700.00	1,570.86
Internal Revenue:			
Bureau	65,000.00	56,000.00	62,932.51
Service	190,000.00	327,900.00	186,163.11
Mint:			
Bureau	3,500.00	3,300.00	3,351.84
Service	2,500.00	2,600.00	2,516.82
National-bank depositaries	2,250.00	3,200.00	2,120.98
Prohibition Bureau	55,000.00	60,000.00	59,409.42
Public debt service	26,000.00	24,500.00	25,668.21
Public Health:			
Bureau	90,000.00	85,000.00	104,421.25
Service	5,000.00	5,000.00	4,099.64
Supervising Architect	7,000.00	4,500.00	5,902.36
Treasurer of the United States	12,000.00	10,000.00	12,057.15
Miscellaneous	60,000.00	45,800.00	60,984.04
		850,000.00	758,145.85
Unobligated balance			120,428.00
Reserve		10,000.00	
	755,000.00	860,000.00	878,573.85
Deduct amount received from sale of customs blanks	40,000.00	40,000.00	43,573.85
Total	715,000.00	820,000.00	835,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Stationery, Treasury Department—		
Stationery: For stationery for the Treasury Department and its several bureaus and offices, and field services thereof, including tags, labels, and index cards, printed in the course of manufacture, packing boxes and other materials necessary for shipping stationery supplies, and cost of transportation of stationery supplies purchased free on board point of shipment and of such supplies shipped from Washington to field offices (*act Jan. 26, 1927, vol. 44, p. 1029*)	$420,000.00	$470,000.00

Estimates of expenditures for certain classes of stationery items for 1929 and 1928, and amounts expended in 1927

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Baskets, desk and waste	$1,000.00	$1,000.00	$869.59
Books, stenographer and copy	4,500.00	4,000.00	4,514.06
Bands, rubber	12,000.00	12,000.00	10,045.48
Binders	20,000.00	25,000.00	24,823.77
Boxes, packing	2,500.00	2,500.00	2,448.37
Cards, index	26,000.00	25,000.00	25,776.30
Cards, guide	20,000.00	22,500.00	20,637.58
Calendar pads and stands	600.00	600.00	799.56
Cots, finger	1,000.00	1,000.00	1,066.71
Clips, paper	3,500.00	3,500.00	3,634.03
Drafting supplies	500.00	500.00	350.70
Envelopes	70,000.00	75,000.00	75,842.06
Erasers	3,500.00	3,500.00	3,498.59
Folders	30,000.00	25,000.00	32,016.50
Files	2,000.00	2,000.00	2,034.38
Ink	6,200.00	6,000.00	6,260.32
Inkstands	1,750.00	1,500.00	1,748.47
Machines, pencil and paper fastening	7,000.00	6,000.00	6,989.22
Mimeograph supplies	17,000.00	20,000.00	19,682.75
Mucilage and paste	3,000.00	3,000.00	3,190.17
Pencils	17,500.00	20,000.00	20,520.21
Pens, steel	3,500.00	3,500.00	3,529.43
Pens, fountain	100.00	100.00	655.55
Paper:			
Blotting	3,500.00	3,500.00	3,540.03
Carbon	20,000.00	20,000.00	21,588.05
Manifold	28,000.00	30,000.00	34,227.34
Mimeograph	24,000.00	24,000.00	20,673.04
Computing machine	3,000.00	3,000.00	2,838.37
Wrapping	7,250.00	7,000.00	7,309.05
Writing	12,000.00	10,000.00	12,249.21
Cardboard	6,500.00	6,000.00	6,539.60
Miscellaneous	1,000.00	1,000.00	848.57
Pads, desk and stamp	2,000.00	2,000.00	2,164.48
Pins	1,500.00	1,000.00	1,558.90
Ribbons, typewriter and adding	12,000.00	12,000.00	12,206.09
Stamps, rubber	8,000.00	10,000.00	
Staples and fasteners	6,500.00	6,000.00	6,471.49
Straps, binder	600.00	600.00	539.00
Seals, lead and paper	500.00	500.00	556.61
Shears	2,000.00	1,700.00	1,970.96
Signals	1,000.00	1,000.00	1,057.58
Tape, red and adhesive	4,500.00	4,000.00	4,440.69
Tags, shipping	1,500.00	1,000.00	1,598.18
Twine	10,000.00	11,000.00	11,878.95
Miscellaneous	1,500.00	1,500.00	1,336.58
02 Total stationery supplies	410,000.00	420,000.00	438,556.57
07 Transportation, stationery supplies	20,000.00	20,000.00	[1] 20,000.00
		440,000.00	458,556.57
Unobligated balance			36,553.47
Reserve		40,000.00	
	430,000.00	480,000.00	495,110.04
Deduct reimbursements for stationery issued to other offices	10,000.00	10,000.00	15,110.04
Total	420,000.00	470,000.00	480,000.00

[1] Partly estimated.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Stationery, Treasury Department—Continued.

Estimates of value of issues of stationery to each bureau and office for 1929 and 1928 and amount issued in 1927

	Estimated issues, 1929	Estimated issues, 1928	Issues, 1927
Secretary, Undersecretary, and Assistant Secretary	$1,500.00	$1,500.00	$1,617.03
Chief clerk and superintendent	1,500.00	1,500.00	1,629.29
Division of Appointments	700.00	700.00	675.52
Division of Bookkeeping and Warrants	500.00	500.00	514.77
Division of Accounts and Deposits	600.00	500.00	543.24
Division of Supply	2,500.00	2,500.00	2,358.03
General Supply Committee	750.00	750.00	797.75
Bureau of Customs	60,000.00	65,000.00	63,138.35
Disbursing clerk	700.00	750.00	723.51
Secret Service	800.00	775.00	823.51
Government actuary	15.00	25.00	15.38
Comptroller of the Currency	8,500.00	7,500.00	8,541.22
Treasurer of the United States	9,500.00	8,000.00	8,791.39
Internal Revenue Bureau	185,000.00	200,000.00	203,234.04
Bureau of the Mint	1,200.00	1,000.00	962.96
Bureau of Engraving and Printing	8,235.00	8,000.00	8,227.46
Public Health Service	15,000.00	15,000.00	16,344.10
United States Coast Guard	25,000.00	22,000.00	26,909.04
Supervising Architect	6,000.00	5,000.00	7,425.29
Custodian service	2,000.00	1,500.00	1,732.77
Bureau of Prohibition	45,000.00	45,000.00	48,058.81
Public Debt Service	25,000.00	22,500.00	25,583.17
02 Total	400,000.00	410,000.00	428,556.63
07 Transportation of stationery supplies	20,000.00	20,000.00	[1] 20,000.00
Total issues	420,000.00	[2] 430,000.00	448,556.63

[1] Partly estimated.
[2] Reserve, 1928, $40,000.

Postage, Treasury Department—

Postage: For postage required to prepay matter addressed to Postal Union countries, and for postage for the Treasury Department (*act Jan. 26, 1927, vol. 44, p. 1029*) ..... $1,000.00 | $1,000.00

0520 Postage: Expenditures—1929, $1,000; 1928, $1,000; 1927, $1,000.

Salaries and Expenses, General Supply Committee—

Salaries: For personal services in the District of Columbia in accordance with the classification act of 1923 not exceeding [$110,000] *$113,000*; necessary expenses, including office supplies and materials, maintenance of motor trucks, telegrams, telephone service, traveling expenses, office equipment, fuel, light, electric current, and other necessary expenses for carrying into effect the Executive order of December 3, 1918, regulating the transfer of office materials, supplies, and equipment in the District of Columbia falling into disuse because of the cessation of war activities; in all, [$115,000] *$118,000*: *Provided*, That the said Executive order shall continue in effect until June 30, [1928] *1929*, without modification, except that the price charged shall be the current market value at time of issue, less a discount for usage, but in no instance shall the discount be more than 25 per centum, and that the proceeds from the transfer of appropriations thereunder shall be covered into the Treasury as miscellaneous receipts: *Provided further*, That the heads of the executive departments and independent establishments and the Commissioners of the District of Columbia shall cooperate with the Secretary of the Treasury in connection with the storage and delivery of material, supplies, and equipment transferred under the foregoing order and for effecting the transfer or disposition of other surplus and waste material or supplies: *Provided further*, That typewriters and computing machines transferred to the General Supply Committee as surplus, where such machines have become unfit for further use, may, in the discretion of the Secretary of the Treasury, be issued to other Government departments and establishments at exchange prices quoted in the current general schedule of supplies or sold commercially.

Repairs to typewriting machines (except bookkeeping and billing machines) in the Government service in the District of Columbia may be made at cost by the General Supply Committee, payment therefor to be effected by transfer and counterwarrant, charging the proper appropriation and crediting the appropriation "Salaries and expenses, General Supply Committee."

No part of any money appropriated by this or any other act shall be used during the fiscal year [1928] *1929* for the purchase of any standard typewriting machines, except bookkeeping and billing machines, at a price in excess of the following for models with carriages which will accommodate paper of the following widths, to wit: Ten inches (correspondence models), $70; twelve inches, $75; fourteen inches, $77.50; sixteen inches, $82.50; eighteen inches, $87.50; twenty inches, $94; twenty-two inches, $95; twenty-four inches, $97.50; twenty-six inches, $103.50; twenty-eight inches, $104; thirty inches, $105; thirty-two inches, $107.50.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Salaries and Expenses, General Supply Committee—Continued. All purchases of typewriting machines during the fiscal year [1928] *1929* by executive departments and independent establishments for use in the District of Columbia or in the field, except as hereinafter provided, shall be made from the surplus machines in the stock of the General Supply Committee. If the General Supply Committee is unable to furnish serviceable machines to any such service of the Government, it shall furnish unserviceable machines, if available, at current exchange prices, and such machines shall then be applied by the service of the Government receiving them as part payment for new machines from commercial sources in accordance with the prices fixed in the preceding paragraph. And in selling typewriting machines to the various services the General Supply Committee may accept an equal number of unserviceable machines as part payment thereon at the exchange prices quoted in the current general schedule of supplies (*act Jan. 26, 1927, vol. 44, p. 1029*)	$118,000.00	$115,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Clerical, administrative, and fiscal service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 11, $3,800 to $5,000; average, $4,400— Administrative officer (superintendent of supplies)	1	$4,400	1	$4,400	1	$4,400
Grade 9, $3,000 to $3,600; average, $3,300— Senior administrative assistant (assistant superintendent of supplies)	1	3,300	1	3,300	1	3,300
Grade 7, $2,400 to $3,000; average, $2,700— Junior administrative assistant	2	2,850	2	2,850	2	2,850
Grade 6, $2,100 to $2,700; average, $2,400— Principal clerk	2	2,350	2	2,350	2	2,337
Grade 5, $1,860 to $2,400; average, $2,111.42— Senior clerk	4	2,075	4	2,075	4	2,067
Grade 4, $1,680 to $2,040; average, $1,860— Clerk	7	1,840	7	1,843	6.3	1,854
Grade 3, $1,500 to $1,860; average, $1,680— Assistant clerk	7	1,714	7	1,714	7.7	1,703
Stenographer	1	1,560	1	1,560	1	1,560
Grade 2, $1,320 to $1,680; average, $1,500— Junior clerk	11	1,489	11	1,489	10.6	1,488
Grade 1, $1,140 to $1,500; average, $1,320— Underclerk	12	1,195	11	1,164	11.7	1,161
Custodial service—						
Grade 7, $1,680 to $2,040; average, $1,860— Senior mechanic	2	1,950	2	1,950	2	1,950
Grade 6, $1,500 to $1,860; average, $1,680— Mechanic	7	1,611	7	1,611	7	1,608
Grade 5, $1,320 to $1,680; average, $1,500— Foreman of laborers	1	1,320	1	1,320	0.5	1,320
Grade 3, $1,020 to $1,260; average, $1,140— Messenger	4	1,065	4	1,065	4	1,091
Chauffeur	3	1,080	3	1,080	3	1,080
Grade 2, $900 to $1,140; average, $1,020— Unskilled laborer	16	928	14	934	14.7	921
Total average number of employees	81		78		78.5	
01 Total salaries, departmental service		122,400		119,115		118,919
Supplies and materials:						
0200 Stationery and office supplies		200.00		200.00		289.99
0220 Scientific and educational supplies						14.50
0230 Gasoline and oils		1,000.00		1,000.00		1,140.43
0280 Sundry supplies		400.00		400.00		459.11
0290 Shop materials		1,000.00		1,000.00		1,156.52
02 Total supplies and materials		2,600.00		2,600.00		3,060.55
05 Communication service		700.00		700.00		853.54
06 Travel expenses		300.00		300.00		310.89
07 Freight and express		50.00		50.00		1.24
12 Repairs and alterations		1,650.00		1,650.00		2,158.06
30 Furniture, furnishings, and fixtures		700.00		700.00		1,040.71
				125,115.00		126,343.99
Unobligated balance						4,316.54
Reserve				1,000.00		
		128,400.00		126,116.00		130,660.53
Deduct reimbursements received from typewriter repairs:						
01 Salaries, departmental service		9,400.00		9,900.00		9,492.00
02 Supplies and materials		1,000.00		1,215.00		1,168.53
Total		118,000.00		115,000.00		120,000.00

Total, Division of Supply	1,423,400.00	1,575,400.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
OFFICE OF COMMISSIONER OF ACCOUNTS AND DEPOSITS		
Salaries, Office of Commissioner of Accounts and Deposits— For Commissioner of Accounts and Deposits and other personal services in the District of Columbia in accordance with the classification act of 1923 (*act Jan. 26, 1927, vol. 44, p. 1030*)	$82,980.00	$78,660.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Clerical, administrative, and fiscal service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 13, $6,000 to $7,500; average, $6,750—						
Executive officer (commissioner)	1	$7,500	1	$7,500	1	$7,000
Grade 12, $5,200 to $6,000; average, $5,600—						
Senior administrative officer (deputy commissioner)	1	5,200	0.8	5,200		
Grade 11, $3,800 to $5,000; average, $4,400—						
Administrative officer (deputy commissioner)			0.2	4,800	1	4,600
Grade 10, $3,300 to $3,900; average, $3,600—						
Junior administrative officer (chief of section and accountant)	1	3,900	1	3,900	1	3,900
Grade 9, $3,000 to $3,600; average, $3,300—						
Senior administrative assistant (chief of division)	1	3,600	1	3,600	1	3,600
Grade 8, $2,700 to $3,300; average, $3,000—						
Administrative assistant	1	3,100	1	3,100	1	3,000
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant (assistant chief of division)	1	2,700	1	2,700	1	2,600
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	1	2,400	1	2,400	1	2,400
Principal clerk-stenographer	1	2,400	1	2,400	1	2,400
Grade 5, $1,860 to $2,400; average, $2,130—						
Senior clerk	2	2,250	2	2,250	2	2,250
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	2	1,860	2	1,860	2	1,913
Clerk-stenographer	2	1,950	2	1,950	2	1,950
Office draftsman	1	1,680	0.8	1,680		
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	1	1,620	1	1,620	1	1,765
Assistant clerk-stenographer	2	1,770	1	1,860	1.7	1,860
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	3	1,460	3	1,460	2.4	1,500
Professional and scientific service—						
Grade 6, $6,000 to $7,500; average, $6,750—						
Chief economist (tax consultant and financial adviser)	1	7,500	1	7,500	0.1	7,000
Grade 5, $5,200 to $6,000; average, $5,600—						
Senior economic analyst (chief of section)					0.2	5,200
Grade 4, $3,800 to $5,000; average, $4,400—						
Economic analyst	2	4,000	1.8	4,000	1	4,000
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate economic analyst	2	3,300	2	3,300	2.7	3,300
Grade 1, $1,860 to $2,400; average, $2,130—						
Junior economic analyst	1	1,860	1	1,860	0.3	1,860
Subprofessional service:						
Grade 5, $1,680 to $2,040; average, $1,860—						
Library assistant	1	1,860	1	1,860	1	1,860
Custodial service—						
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger	3	1,140	3	1,140	3	1,140
Grade 1, $600 to $780; average, $690						
Junior messenger (temporary)			0.3	600		
Total average number of employees	31		29.9		27.4	
01 Total salaries, departmental service		83,380		80,664		70,741
Covered by lapses, etc		400		3,604		
				77,060		
Unobligated balance						7,919
Reserve				1,600		
Total		82,980		78,660		78,660
The difference between 1929 and 1928 is due to—						
Increase in force	$1,320					
Reallocations and increases in salaries	3,000					
Total	4,320					

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Library, Treasury Department— For books of reference, law books, books on finance, technical and scientific books, newspapers, for which payment may be made in advance, and periodicals, for expenses incurred in completing imperfect series, for library cards, supplies, and for all other necessary expenses (*act Jan. 26, 1927, vol. 44, p. 1031*)	$1,000.00	$1,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
0222	Commercial reference books, etc	$185	$185	
	Educational supplies			$49
3012	Equipment			288
3021	Library stock (books on financial subjects)	815	815	1,652
				1,989
	Unobligated balance, 1927			11
	Total	1,000	1,000	2,000

Total, Office of Commissioner of Accounts and Deposits	83,980.00	79,660.00

DIVISION OF BOOKKEEPING AND WARRANTS

Salaries, Division of Bookkeeping and Warrants— For the chief of the division and other personal services in the District of Columbia, in accordance with "the classification act of 1923" (*U. S. C., p. 48, sec. 255; act Jan. 26, 1927, vol. 44, p. 1031*)	144,635.00	145,000.00

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Departmental service:						
	Salaries—						
	Clerical, administrative, and fiscal services—	*Average—*		*Average—*		*Average—*	
		No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Grade 12, $5,200 to $6,000; average, $5,600— Senior administrative officer (chief of division)	1	$5,400	1	$5,400	1	$5,500
	Grade 11, $3,800 to $5,000; average, $4,400— Administrative officer (assistant chief of division)	1	4,600	1	4,600	1	4,450
	Administrative officer (assistant to chief of division)					0.8	4,400
	Grade 10, $3,300 to $3,900; average, $3,600— Junior administrative officer (executive clerk)	1	3,600	1	3,600		
	Grade 9, $3,000 to $3,600; average, $3,300— Senior administrative assistant (executive clerk)					1	3,400
	Grade 7, $2,400 to $3,000; average, $2,700— Junior administrative assistant	5	2,700	5	2,700	3.1	2,668
	Grade 6, $2,100 to $2,700; average, $2,400— Principal clerk	12	2,400	12	2,400	10.2	2,400
	Grade 5, $1,860 to $2,400; average, $2,111.42— Senior clerk	14.2	2,111	14.2	2,111	11.6	2,102
	Grade 4, $1,680 to $2,040; average, $1,860— Clerk	19	1,860	19	1,860	20.4	1,872
	Grade 3, $1,500 to $1,860; average, $1,680— Assistant clerk	9	1,680	9	1,680	14.4	1,708
	Grade 2, $1,320 to $1,680; average, $1,500— Junior clerk					1.8	1,669
	Custodial service—						
	Grade 4, $1,140 to $1,500; average, $1,320— Head messenger	1	1,380	1	1,380	1	1,365
	Grade 3, $1,020 to $1,260; average, $1,140— Messenger	6	1,140	6	1,140	6	1,110
	Total average number of employees	69.2		69.2		72.3	
01	Total salaries, departmental service		144,635		144,635		147,729
	Amount to be absorbed through lapses, etc., if reserve of $5,000 is carried to end of fiscal year				4,635		
			144,635		140,000		147,729
	Unobligated balance						12,271
	Reserve				5,000		
	Total		144,635		145,000		160,000

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Contingent Expenses, Public Moneys—		
Contingent expenses, public moneys: For contingent expenses under the requirements of section 3653 of the Revised Statutes, for the collection, safekeeping, transfer, and disbursement of the public money, transportation of notes, bonds, and other securities of the United States, salaries of special agents, actual expenses of examiners detailed to examine the books, accounts, and money on hand at the several depositories, including national banks acting as depositaries under the requirements of section 3649 of the Revised Statutes, also including examinations of cash accounts at mints and cost of insurance on shipments of money by registered mail when necessary (*act Jan. 26, 1927, vol. 44, p. 1031*)	$210,000.00	$210,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
02	Sundry supplies (0284 coin bags)	$2,700.00	$2,700.00	$2,691.25
05	Telegraph service	2,200.00	2,200.00	2,026.04
	Transportation of things:			
0700	Freight and incidental expenses	25.00	25.00	24.45
0710	Express and incidental charges	16,575.00	12,575.00	10,018.09
0720	Parcel-post delivery	126,000.00	125,000.00	124,069.71
0780	Mail insurance	62,500.00	62,500.00	60,413.03
07	Total transportation of things		205,000.00	199,242.57
	Unobligated balance			757.43
	Reserve		5,000.00	
	Total	210,000.00	210,000.00	200,000.00

Recoinage of Gold Coins—		
Recoinage of gold coins: For recoinage of uncurrent gold coins in the Treasury, to be expended under the direction of the Secretary of the Treasury, as required by section 3512 of the Revised Statutes (*act Jan. 26, 1927, vol. 44, p. 1031*)	3,000.00	3,000.00
1325 Recoinage of uncurrent gold coins in the Treasury: Expenditures—1929, $3,000; 1928, $3,000; 1927, $2,307.18.		
Recoinage of Minor Coins—		
Recoinage of minor coins: To enable the Secretary of the Treasury to continue the recoinage of worn and uncurrent minor coins of the United States now in the Treasury or hereafter received, and to reimburse the Treasurer of the United States for the difference between the nominal or face value of such coins and the amount the same will produce in new coins (*act Jan. 26, 1927, vol. 44, p. 1031*)	15,000.00	15,000.00
1325 Recoinage of minor coins: Expenditures—1929, $15,000; 1928, $15,000; 1927, $14,995.40.		
Indefinite appropriation:		
Recoinage of Silver Coins—		
That the Secretary of the Treasury is hereby authorized and directed to cause all worn and uncurrent subsidiary silver coin of the United States now in the Treasury, and hereafter received, to be recoined, and to reimburse the Treasurer of the United States for the difference between the nominal or face value of such coin and the amount the same will produce in new coin from any moneys in the Treasury not otherwise appropriated (*U. S. C., p. 995, sec. 320*)	190,000.00	195,000.00
1325 Recoinage of silver coins: Expenditures—1929, $190,000; 1928, $195,000; 1927, $191,907.46.		
Total, Division of Bookkeeping and Warrants	562,635.00	568,000.00
PUBLIC DEBT SERVICE		
Public Debt Service—		
For necessary expenses connected with the administration of any public debt issues and United States paper currency issues with which the Secretary of the Treasury is charged, including rent in the District of Columbia, *the purchase of law books, directories, books of reference, pamphlets, periodicals and newspapers,* and including the Commissioner of the Public Debt and other personal services in the District of Columbia in accordance with the classification act of 1923, [$2,625,000] *$2,600,000*: *Provided*, That the amount to be expended for personal services in the District of Columbia shall not exceed [$2,570,000] *$2,565,000*: *Provided further*, That the indefinite appropriation "Expenses of loans, act of September 24, 1917, as amended and extended" shall not be used during the fiscal year [1928] *1929* to supplement the appropriation herein made for the current work of the Public Debt Service (*act Jan. 26, 1927, vol. 44, p. 1031*)	2,600,000.00	2,625,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Public Debt Service—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Office commissioner of the public debt—						
Salaries—						
Professional service—	*Average—*		*Average—*		*Average—*	
Grade 4, $3,800 to $5,000; average, $4,800—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Attorney (member of legal staff)	1	$4,800	1	$4,800	1	$4,600
Clerical, administrative, and fiscal service—						
Grade 13, $6,000 to $7,500; average, $6,750—						
Executive officer (commissioner)	1	7,500	1	7,500	1	7,000
Grade 12, $5,200 to $6,000; average, $5,600—						
Senior administrative officer (deputy commissioner)	1	5,600	1	5,600	1	5,600
Grade 9, $3,000 to $3,600; average, $3,300—						
Senior administrative assistant	1	3,300	1	3,300	0.3	3,300
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant	1	2,800	1	2,800	1	2,800
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	1	2,500	1	2,500	1.3	2,417
Principal clerk-stenographer	1	2,400	1	2,400	1	2,400
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	4	2,240	4	2,240	3.6	2,274
Junior clerk-stenographer	1	2,100	1	2,100	1	2,100
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	3	2,040	3	2,040	4.4	2,013
Principal stenographer	1	1,860	1	1,860	1	1,860
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	2	1,770	2	1,770	2	1,770
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	2	1,560	2	1,560	2	1,560
Custodial service—						
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger	4	1,160	4	1,160	4.9	1,118
Total average number of employees	24		24		25.5	
Total salaries, office commissioner of the public debt		59,240		59,240		59,800
Division of Loans and Currency—						
Salaries—						
Professional service—						
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate attorney	1	3,000	1	3,000	0.7	3,400
Subprofessional service—						
Grade 4, $1,500 to $1,860; average, $1,680—						
Nurse	2	1,680	2	1,680	2	1,645
Clerical, administrative, and fiscal service—						
Grade 12, $5,200 to $6,000; average, $5,600—						
Senior administrative officer	1	5,600	1	5,600	1	5,600
Grade 11, $3,800 to $5,000; average, $4,400—						
Administrative officer	2	4,300	2	4,300	2	4,200
Grade 10, $3,300 to $3,900; average, $3,600—						
Junior administrative officer	2	3,600	2	3,600	2	3,600
Grade 9, $3,000 to $3,600; average, $3,300—						
Senior administrative assistant	2	3,300	2	3,300	2	3,295
Grade 8, $2,700 to $3,300; average, $3,000—						
Administrative assistant	9	2,967	9	2,967	9	2,829
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant	9	2,700	9	2,700	7	2,630
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	21	2,405	21	2,405	21.7	2,409
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	50	2,156	50	2,156	49	2,154
Senior clerk-stenographer	3	2,233	3	2,233	2	2,270
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	89	1,951	89	1,951	88.6	1,936
Clerk-stenographer	8	1,860	8	1,860	5.2	1,974
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	146	1,775	146	1,775	145.1	1,774
Senior stenographer	11	1,713	11	1,713	2.3	1,660
Senior operator, office devices	3	1,680	3	1,680	2.2	1,772
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	216	1,638	218	1,638	207.6	1,619
Senior typist	51	1,605	51	1,605	56.1	1,608
Junior stenographer	24	1,656	25	1,656	25	1,614
Junior operator, office devices	3	1,680	3	1,680	6	1,680
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	158	1,400	158	1,400	166.5	1,383
Junior typist	20	1,446	20	1,446	19.5	1,383
Underoperator, office device	3	1,400	3	1,400	6.8	1,426
Custodial service—						
Grade 8, $1,860 to $2,400; average, $2,111.42—						
Principal mechanic	1	2,400	1	2,400	1	2,400
Grade 7, $1,680 to $2,040; average, $1,860—						
Senior mechanic	1	2,040	1	2,040	1	2,040
Grade 6, $1,500 to $1,860; average, $1,680—						
Mechanic	4	1,770	4	1,770	3.6	1,727
Grade 5, $1,320 to $1,680; average, $1,500—						
Junior mechanic	2	1,500	2	1,500	1.8	1,344
Grade 4, $1,140 to $1,500; average, $1,320—						
Head messenger	1	1,380	1	1,380	1	1,380
Assistant foreman of laborers	1	1,320	1	1,320	0.7	1,260
Senior guard	1	1,320	1	1,320	1	1,260

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

Public Debt Service—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927		Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
	Average— *No.*	*Salary*	*Average—* *No.*	*Salary*	*Average—* *No.*	*Salary*		
Departmental service—Continued.								
Division of Loans and Currency—Continued.								
Salaries—Continued.								
Custodial service—Continued.								
Grade 3, $1,020 to $1,260; average, $1,140—								
Messenger	56	$1,142	56	$1,142	54.6	$1,129		
Senior laborer	16	1,129	16	1,125	18.7	1,084		
Minor mechanic	2	1,170	2	1,170	2.3	1,153		
Guard (watchman)	2	1,140	2	1,140	1.2	1,059		
Grade 2, $900 to $1,140; average, $1,020—								
Subordinate mechanic					1	900		
Grade 1, $600 to $780; average, $690—								
Junior messangar					0.2	780		
Total average number of employees	921		924		917.4			
Total salaries, Division of Loans and Currency		1,561,620		1,566,620		1,533,593		
Division of Public Debt Accounts and Audit—								
Salaries—								
Clerical, administrative, and fiscal service—								
Grade 11, $3,800 to $5,000; average, $4,400—								
Administrative officer (chief of division)	1	4,600	1	4,600	1	4,400		
Grade 10, $3,300 to $3,900; average, $3,600—								
Junior administrative officer (assistant chief of division)	1	3,600	1	3,600	1	3,600		
Grade 9, $3,000 to $3,600; average, $3,300—								
Senior administrative assistant (chief of section)	1	3,300	1	3,300	1	3,300		
Grade 8, $2,700 to $3,300; average, $3,000—								
Administrative assistant (chief of section)	1	3,000	1	3,000	1	3,000		
Grade 7, $2,400 to $3,000; average, $2,700—								
Junior administrative assistant (assistant chief of section)	3	2,700	3	2,700	3	2,642		
Grade 6, $2,100 to $2,700; average, $2,400—								
Principal clerk (chief of section)	1	2,500	1	2,500	1	2,500		
Principal clerk	5	2,420	5	2,420	5	2,420		
Grade 5, $1,860 to $2,400; average, $2,111.42—								
Senior clerk-stenographer	1	2,100	1	2,100	1	2,100		
Senior clerk	16	2,108	16	2,108	16	2,100		
Grade 4, $1,680 to $2,040; average, $1,860—								
Clerk-stenographer	1	1,860	1	1,860	1	1,860		
Head operator, office devices	1	1,680	1	1,680	1	1,680		
Clerk	15	1,872	15	1,872	15	1,880		
Grade 3, $1,500 to $1,860; average, $1,680—								
Head typist	1	1,680	1	1,680	1	1,680		
Assistant clerk-stenographer	2	1,680	2	1,680	2	1,680		
Senior operator, office devices	8	1,545	8	1,545	8	1,545		
Assistant clerk	40	1,693	40	1,693	40.9	1,700		
Grade 2, $1,320 to $1,680; average, $1,500—								
Junior clerk-typist	1	1,680	1	1,680	1	1,680		
Junior clerk-stenographer	1	1,440	1	1,440	1	1,440		
Senior typist	2	1,440	2	1,440	2	1,440		
Junior clerk	12	1,500	12	1,500	13.4	1,498		
Grade 1, $1,140 to $1,500; average, $1,320—								
Junior typist	2	1,440	2	1,440	2.5	1,449		
Underclerk	8	1,440	8	1,440	7.9	1,441		
Custodial service—								
Grade 3, $1,020 to $1,260; average, $1,140—								
Messenger	6	1,120	6	1,120	5.9	1,089		
Total average number of employees	130		130		132.6			
Total salaries, Division of Public Debt Accounts and Audit		234,880		234,880		238,698		
Office of the Register of the Treasury—								
Salaries—								
Clerical, administrative, and fiscal service—								
Grade 12, $5,200 to $6,000; average, $5,600—								
Senior administrative officer (Register of the Treasury)	1	5,600	1	5,600	1	5,600		
Grade 10, $3,300 to $3,900; average, $3,600—								
Junior administrative officer (Assistant Register of the Treasury)	1	3,600	1	3,600	1	3,600		
Grade 9, $3,000 to $3,600; average, $3,300—								
Senior administrative assistant (chief clerk)	1	3,300	1	3,300	1	3,300		
Senior administrative assistant (chief of division)	2	3,300	2	3,300	2	3,300		
Grade 8, $2,700 to $3,300; average, $3,000—								
Administrative assist nt (chief of division)	1	3,000	1	3,000	1	2,846		
Grade 7, $2,400 to $3,000; average, $2,700—								
Junior administrative assistant	4	2,750	4	2,750	4	2,702		
Grade 6, $2,100 to $2,700; average, $2,400—								
Principal clerk	7	2,314	7	2,314	7	2,287		
Grade 5, $1,860 to $2,400; average, $2,111.42—								
Senior clerk	15	2,141	15	2,141	15	2,139		
Head stenographer	1	2,100	1	2,100	1	2,100		
Grade 4, $1,680 to $2,040; average, $1,860—								
Clerk	36	1,897	36	1,897	35.9	1,886		
Principal stenographer	1	1,860	1	1,860	1	1,860		
Grade 3, $1,500 to $1,860; average, $1,680—								
Assistant clerk	61	1,677	61	1,677	62.9	1,681		
Senior stenographer					0.4	1,860		
Grade 2, $1,320 to $1,680; average, $1,500—								
Junior clerk	90	1,536	90	1,536	86.4	1,541		
Senior typist	4	1,380	4	1,380	6	1,478		
Junior stenographer	1	1,440	1	1,440	1	1,440		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

Public Debt Service—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Departmental service—Continued.					
Office of the Register of the Treasury—Continued.					
Salaries—Continued.					
Clerical, administrative, and fiscal service—Con.	*Average—*	*Average—*	*Average—*		
	No. *Salary*	*No.* *Salary*	*No.* *Salary*		
Grade 1, $1,140 to $1,500; average, $1,320—					
Underclerk	173 $1,389	173 $1,389	191.1 $1,393		
Junior typist			1.7 1,440		
Subprofessional service—					
Grade 4, $1,500 to $1,860; average, $1,680—					
Nurse	1 1,680	1 1,680	1.2 1,680		
Custodial service—					
Grade 5, $1,320 to $1,680; average, $1,500—					
Junior mechanic			1.5 1,437		
Grade 4, $1,140 to $1,500; average, $1,320—					
Undermechanic	1 1,260	1 1,260	1 1,260		
Grade 3, $1,020 to $1,260; average, $1,140—					
Messenger	18 1,140	18 1,140	18.9 1,117		
Grade 2, $900 to $1,140; average, $1,020—					
Charwoman	1 900	1 900	1 900		
Total average number of employees	420	420	443		
Total salaries, office of Register of the Treasury	665,860	665,860	698,464		
Division of Paper Custody—					
Salaries—					
Clerical, administrative and fiscal service—					
Grade 8, $2,700 to $3,300; average, $3,000—					
Administrative assistant (chief of division)	1 3,200	1 3,180	1 3,000		
Grade 7, $2,400 to $3,000; average, $2,700—					
Junior administrative assistant	1 2,400	1 2,400	0.9 2,400		
Grade 6, $2,100 to $2,700; average, $2,400—					
Principal clerk	2 2,500	2 2,500	2.1 2,464		
Grade 4, $1,680 to $2,040; average, $1,860—					
Clerk	1 2,040	1 2,040	1 2,040		
Grade 3, $1,500 to $1,860; average, $1,680—					
Assistant clerk	4 1,680	4 1,680	4 1,680		
Grade 2, $1,320 to $1,680; average, $1,500—					
Junior clerk	5 1,388	5 1,392	3.4 1,412		
Junior clerk-typist	1 1,440	1 1,440	0.2 1,440		
Grade 1, $1,140 to $1,500; average, $1,320—					
Underclerk	10 1,296	10 1,296	13.1 1,311		
Custodial service—					
Grade 3, $1,020 to $1,260; average, $1,140—					
Senior laborer	8 1,125	8 1,133	7.1 1,132		
Grade 2, $900 to $1,140; average, $1,020—					
Junior laborer	6 950	6 940	7.3 1,002		
Total average number of employees	39	39	40.1		
Total salaries, Division of Paper Custody	55,400	55,400	56,744		
Total average number of employees	1,534	1,537	1,558.6		
Total salaries, departmental service	2,577,000	2,582,000	2,587,301		
Field service:					
Salaries and wages—					
Salary range, $6,000 to $7,500; average, $6,750—					
Chief economic analyst			1 0.1 616		
01 Total personal services	2,577,000	2,582,000	2,587,917		
Supplies and materials:					
0200 Office supplies	3,200.00	2,850.00	2,805.79		
0220 Scientific and educational supplies	565.00	550.00	566.56		
0230 Fuel	520.00	2,575.00	2,672.49		
0280 Sundry supplies	1,055.00	1,050.00	1,063.01		
02 Total supplies and materials	5,340.00	7,025.00	7,107.85		
Communication service:					
0500 Telegraph	1,400.00	1,800.00	1,678.95		
0510 Telephone	3,675.00	5,075.00	5,618.47		
0520 Other communication service	120.00	150.00	152.00		
05 Total communication service	5,195.00	7,025.00	7,449.42		
06 Travel expenses	800.00	800.00	875.00		
07 Transportation of things	250.00	200.00	199.68		
10 Furnishing of heat, light, and power	10,000.00	8,800.00	8,735.83		
11 Rent		15,000.00	40,000.00		
12 Repairs and alterations	2,625.00	4,425.00	4,557.95		
13 Special and miscellaneous current expenses	790.00	725.00	709.01		
Equipment:					
3010 Furniture, furnishings, and fixtures	8,500.00	9,500.00	27,301.98		
3050 Other equipment	1,500.00	1,500.00			
30 Total equipment	10,000.00	11,000.00	27,301.98		
			2,684,853.72		
Unobligated balance			27,146.28		
Total	2,612,000.00	2,637,000.00	2,712,000.00		
Deduct amount received from miscellaneous sources	12,000.00	12,000.00	12,000.00		
Net total	2,600,000.00	2,625,000.00	2,700,000.00		

[1] Represents total paid and not rate per annum.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Distinctive Paper for United States Securities—		
For distinctive paper for United States currency, national bank currency, and Federal reserve bank currency, not exceeding [212,435,233 sheets] *2,220,000 pounds*, including transportation of paper, traveling, mill, and other necessary expenses, and salaries of employees, and [expense of officer] *allowance, in lieu of expenses, of officer or officers* detailed from the Treasury Department, *not exceeding* $50 per month *each* when actually on duty; in all (*U. S. C., p. 1002, sec. 418; act Jan. 26, 1927, vol. 44, p. 1031*)	$1,175,000.00	$1,421,715.00

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Field service:						
	Salaries and wages—	*Average—*		*Average—*		*Average—*	
	Salary range, $1,500 to $1,860; average, $1,680—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Clerk (register)	6	$1,620	6	$1,620	6.3	$1,606
	Salary range, $1,140 to $1,500; average, $1,320—						
	Senior guard	1	1,260	1	1,260	1	1,260
	Junior typist	1	1,320	1	1,320	1	1,210
	Underclerk	8	1,140	8	1,140	7.3	1,126
	Salary range, $1,020 to $1,260; average, $1,140—						
	Senior laborer	6	1,140	6	1,140	5.8	1,130
	Guard	8	1,140	8	1,140	6.8	1,136
	Total average number of employees	30		30		28.2	
	Total salaries and wages, field service		37,260		37,260		35,085
0140	Allowance value of quarters and subsistence furnished		600		600		537
01	Total personal services		37,860		37,860		35,622
02	Sundry supplies (distinctive paper)		1,076,700.00		1,287,888.40		1,335,075.39
	Communication service:						
0500	Telegraph		5.00		5.00		3.48
0510	Telephone		5.00		5.00		6.05
05	Total communication service		10.00		10.00		9.53
	Travel expenses:						
0615	Transportation		150.00		150.00		138.31
0616	Subsistence		350.00		350.00		374.10
06	Total travel expenses		500.00		500.00		512.41
07	Transportation of things (service)		61,050.00		73,024.60		74,539.82
09	Advertising and publication of notices		50.00		50.00		45.60
13	Special and miscellaneous current expenses		4,830.00		5,147.00		476.39
			1,181,000.00		1,404,480.00		1,446,230.99
	Unobligated balance						16,882.72
	Reserve				23,235.00		
			1,181,000.00		1,427,715.00		1,463,163.71
	Deduct amount received from miscellaneous sources		6,000.00		6,000.00		6,170.08
	Total		1,175,000.00		1,421,715.00		1,456,993.63

Indefinite appropriations:

Expenses of Loans (act Sept. 24, 1917, as amended and extended)—

Indefinite appropriation of an amount not exceeding one-tenth of 1 per cent of the amount of bonds and certificates of indebtedness authorized for payment of all necessary expenses of issue, including rent (*U. S. C., p. 1027, sec. 759*).

Indefinite appropriation of a sum not exceeding one-fifth of 1 per cent of the amount of bonds, notes, and war-savings certificates and one-tenth of 1 per cent of the amount of certificates of indebtedness authorized for payment of all necessary expenses of issue, including rent, [$306,540] *$423,180* of which amount not to exceed [$90,040] *$198,580* may be expended for personal services in the District of Columbia (*U. S. C., p. 1027, secs. 760, 761*) — 423,180.00 | 306,540.00

NOTE.—This appropriation limited after June 30, 1921, by act of May 29, 1920 (vol. 41, p. 646), but by the act of June 16, 1921, vol. 42, p. 36, sec. 1, the provisions of the act of Sept. 24, 1917, were extended to cover operations arising in connection with any public debt issues made subsequent to June 30, 1921, etc.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Expenses of Loans (act Sept. 24, 1917, as amended and extended)—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Secretary's office—						
Salaries—						
Professional service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 6, $6,000 to $7,500; average, $6,750—						
Chief attorney	1	$6,000	1	$6,000	0.1	$7,000
Grade 5, $5,200 to $6,000; average, $5,600—						
Senior attorney	1	6,000	1	6,000	1.9	5,868
Grade 4, $3,800 to $5,000; average, $4,400—						
Attorney	1	4,400	1	4,400	0.4	3,868
Clerical, administrative, and fiscal service—						
Grade 11, $3,800 to $5,000; average, $4,400—						
Administrative officer			0.2	5,000	1	5,000
Total average number of employees	3		3.2		3.4	
Total salaries, Secretary's office		16,400		17,650		18,688
Division of Loans and Currency—						
Salaries—						
Clerical, administrative, and fiscal service—						
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	3	2,087	3	2,087	1	2,300
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	3	1,860	3	1,860		
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	27	1,747	27	1,747	15.7	1,840
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	38	1,513	38	1,513	20.6	1,657
Senior typist	2	1,680	2	1,680	3	1,520
Junior operator, office devices	1	1,680	1	1,680	1	1,320
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	19	1,383	19	1,383	20	1,399
Junior typist	25	1,260	25	1,260	3.4	1,459
Underoperator, office devices	2	1,440	2	1,440		
Total average number of employees	120		120		64.7	
Total salaries, Division of Loans and Currency		182,180		182,180		104,138
Total number of employees	123		123.2		68.1	
01 Total salaries, departmental service		198,580		199,830		122,826
Supplies and materials:						
0200 Stationery and office supplies		2,000.00		2,300.00		2,358.16
02011 Printing and binding		3,500.00		5,000.00		5,751.89
0220 Scientific and educational		200.00		200.00		205.79
0280 Sundry supplies (distinctive paper)		10,000.00		30,000.00		32,259.89
02 Total supplies and materials		15,700.00		37,500.00		40,575.73
Communication service:						
0500 Telegraph service		14,000.00		17,500.00		17,518.28
0510 Telephone service		300.00		300.00		307.99
0520 Other communication service (postage)						9.00
05 Total communication service		14,300.00		17,800.00		17,835.27
06 Travel expenses		3,500.00		4,200.00		4,801.63
07 Transportation of things		500.00		1,000.00		1,885.44
08 Engraving and printing		40,000.00		80,000.00		96,160.48
13 Special and miscellaneous		100.00		100.00		5,781.27
30 Furniture, furnishings, and fixtures		600.00		3,000.00		1,060.00
Total departmental service		273,280.00		343,430.00		290,926.00
Allotment to Post Office Department for expenses of Treasury (war) savings certificates				9,000.00		8,999.34
Reimbursement to Federal reserve banks:						
01 Total salaries of Federal reserve bank employees		100,000.00		115,000.00		117,973.67
Supplies and materials:						
0200 Stationery and office supplies		2,000.00		2,400.00		2,429.69
02011 Printing and binding		10,000.00		22,000.00		26,479.93
02 Total supplies and materials		12,000.00		24,400.00		28,909.62
Communication service:						
0500 Telegraph service		1,500.00		1,700.00		1,786.82
0510 Telephone service		400.00		400.00		458.79
0520 Other communication service (postage)		5,000.00		10,000.00		12,396.50
05 Total communication service		6,900.00		12,100.00		14,642.11
06 Travel expenses						111.92
09 Advertising		30,000.00		60,000.00		90,232.95
13 Special and miscellaneous		1,000.00		1,000.00		1,267.33
Total for Federal reserve banks		149,900.00		212,500.00		253,137.50
RECAPITULATION						
Total, departmental service		273,280.00		343,430.00		290,926.00
Total, allotment to Post Office Department				9,000.00		8,999.34
Total, Federal reserve banks		149,900.00		212,500.00		253,137.50
Total		423,180.00		564,930.00		553,062.84

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Preparation and Issue of Federal Reserve Notes, Reimbursable—		
Indefinite appropriation to pay the cost of engraved work, etc., printing, and issue of Federal reserve notes, fully reimbursable by the Federal reserve banks (*U. S. C., p. 286, sec. 422*)	[1]	$1, 504, 000. 00
[1] Provided for under "Federal Reserve Board" for 1929.		
08 Printing and binding, engraving, etc.: Expenditures—1928, $1,711,455; 1927, $1,558,611.		
Preparation, Custody, and Delivery of Farm Loan Bonds, Reimbursable—		
Indefinite appropriation to cover the expenses incurred in the preparation, custody, and delivery of farm loan bonds, reimbursable by the Federal Farm Loan Board through assessment upon the farm loan banks in proportion to the work executed (*U. S. C., p. 310, sec. 864*)	$92, 832. 00	71, 000. 00
08 Printing and binding, engraving, etc.: Expenditures—1929, $92,832; 1928, $92,832; 1927, $103,058.33 (includes $10.49 for paper sold to bureau for printing 80 coupon farm-loan bonds, which amount was deposited by bureau to credit of appropriation "Expenses of loans (act Sept. 24, 1917, as amended and extended")).		
Preparation, Custody, and Delivery of Federal Intermediate Credit Banks Securities, Reimbursable—		
Indefinite appropriation to cover the expenses incurred in the preparation, custody, and delivery of Federal intermediate credit banks securities, reimbursable by the Federal Farm Loan Board through assessment upon the Federal intermediate credit banks in proportion to the work executed (*U. S. C., p. 317, sec. 1042*)	3, 725. 00	3, 000. 00
08 Printing and binding, engraving, etc.: Expenditures—1929, $3,725; 1928, $3,725; 1927, $3,093.98 (includes $100.88 for paper sold to bureau for printing collateral trust debentures, which amount was deposited by bureau to credit of appropriation "Expenses of loans (act Sept. 24, 1917, as amended and extended")).		
Total, public debt service proper	4, 294, 737. 00	5, 931, 255. 00
Interest on the Public Debt—		
Indefinite appropriation for payment of interest on public debt (*U. S. C., p. 1024, sec. 732*)	670, 000, 000. 00	720, 000, 000. 00
2000 Interest on the public debt of the United States: Expenditures—1929, $670,000,000; 1928, $720,000,000; 1927, $787,793,424.25.		
Cumulative Sinking Fund—		
SEC. 6 (a). That there is hereby created in the Treasury a cumulative sinking fund for the retirement of bonds and notes issued under the first Liberty bond act, the second Liberty bond act, the third Liberty bond act, the fourth Liberty bond act, or under this act, and outstanding on July 1, 1920. The sinking fund and all additions thereto are hereby appropriated for the payment of such bonds and notes at maturity, or for the redemption or purchase thereof before maturity by the Secretary of the Treasury at such prices and upon such terms and conditions as he shall prescribe, and shall be available until all such bonds and notes are retired. The average cost of the bonds and notes purchased shall not exceed par and accrued interest. Bonds and notes purchased, redeemed, or paid out of the sinking fund shall be canceled and retired and shall not be reissued. For the fiscal year beginning July 1, 1920, and for each fiscal year thereafter, until all such bonds and notes are retired, there is hereby appropriated, out of any money in the Treasury not otherwise appropriated, for the purposes of such sinking fund, an amount equal to the sum of (1) 2½ per cent of the aggregate amount of such bonds and notes outstanding on July 1, 1920, less an amount equal to the par amount of any obligations of foreign governments held by the United States on July 1, 1920, and (2) the interest which would have been payable during the fiscal year for which the appropriation is made on the bonds and notes purchased, redeemed, or paid out of the sinking fund during such year or in previous years.		
That subdivision (a) of section 6 of the Victory Liberty loan act is amended by inserting before the period at the end of the first sentence a comma and the following words: "and of bonds and notes thereafter issued, under any of such acts or under any of such acts as amended, for refunding purposes" (*U. S. C., p. 1028, sec. 767*)	369, 209, 093. 53	354, 157, 085. 00
4001 Cumulative sinking fund: Expenditures—1929, $369,209,093.53; 1928, $354,157,085; 1927, $336,890,832.47.		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Purchases and/or Redemptions of Bonds, etc., from Cash Repayments of Principal by Foreign Governments [1]—		
SEC. 3. That the Secretary of the Treasury, under such terms and conditions as he may prescribe, is hereby authorized to receive on or before maturity payment for any obligations of such foreign governments purchased on behalf of the United States, and to sell at not less than the purchase price any of such obligations and to apply the proceeds thereof, and any payments made by foreign governments on account of their said obligations to the redemption or purchase at not more than par and accrued interest of any bonds of the United States issued under the authority of this act; and if such bonds are not available for this purpose, the Secretary of the Treasury shall redeem or purchase any other outstanding interest-bearing obligations of the United States which may at such time be subject to call or which may be purchased at not more than par and accrued interest (*U. S. C., p. 1030, sec. 804*)	$10, 219, 300. 00	$22, 188, 650. 00
[1] Repayments of loans under the Liberty bond acts (received under ratified or unratified debt agreements).		
4002 Purchase and/or redemptions of bonds, etc., from cash repayments of principal by foreign governments: Expenditures—1929, $10,219,300; 1928, $22,188,650; 1927, $19,254,500.		
Redemption of Bonds, etc., Received as Repayments of Principal by Foreign Governments Under Debt Agreements—		
Any payment of interest or of principal may be made in any United States Government bonds issued since April 6, 1917, such bonds to be taken at par and accrued interest, is hereby approved and authorized, and settlements with other Governments indebted to the United States are hereby authorized to be made upon such terms as the commission, created by the act approved February 9, 1922, may believe to be just, subject to the approval of the Congress by act or joint resolution (*U. S. C., p. 1030, sec. 806*)	27, 000, 000. 00	25, 000, 000. 00
4000 Redemption of bonds, etc., received as repayments of principal by foreign governments: Expenditures—1929, $27,000,000; 1928, $25,000,000; 1927, $25,000,000.		
Redemption of Bonds, etc., Received as Interest Payments on Obligations of Foreign Governments Under Debt Agreements—		
Any payment of interest or of principal may be made in any United States Government bonds issued since April 6, 1917, such bonds to be taken at par and accrued interest, is hereby approved and authorized, and settlements with other Governments indebted to the United States are hereby authorized to be made upon such terms as the commission, created by the act approved February 9, 1922, may believe to be just, subject to the approval of the Congress by act or joint resolution (*U. S. C., p. 1030, sec. 806*)	133, 995, 000. 00	134, 775, 000. 00
4000 Redemption of bonds, etc., received as interest payments on obligations of foreign governments: Expenditures—1929, $133,995,000; 1928, $134,775,000; 1927, $134,961,800.		
Obligations Retired from Federal Reserve Bank Franchise Tax Receipts—		
SEC. 7. * * * The net earnings derived by the United States from Federal reserve banks shall, in the discretion of the Secretary, be used to supplement the gold reserve held against outstanding United States notes, or shall be applied to the reduction of the outstanding bonded indebtedness of the United States under regulations to be prescribed by the Secretary of the Treasury. Should a Federal reserve bank be dissolved or go into liquidation, any surplus remaining after the payment of all debts, dividend requirements as hereinbefore provided, and the par value of the stock shall be paid to and become the property of the United States and shall be similarly applied (*U. S. C., p. 278, sec. 290*)	500, 000. 00	300, 000. 00
4001 Obligations retired from Federal reserve bank franchise tax receipts: Expenditures—1929, $500,000; 1928, $300,000; 1927, $818,150.51.		
Obligations Retired from Net Earnings Derived by the United States from Federal Intermediate Credit Banks—		
SEC. 206. (b) * * * The net earnings derived by the United States from Federal intermediate credit banks shall, in the discretion of the Secretary of the Treasury, be used to supplement the gold reserve held against outstanding United States notes, or shall be applied to the reduction of the outstanding bonded indebtedness of the United States under regulations to be prescribed by the Secretary of the Treasury. Should a Federal intermediate credit bank be dissolved or go into liquidation, after the payment of all debts and other obligations as hereinbefore provided, any surplus remaining shall be paid to and become the property of the United States and shall be similarly applied (*U. S. C., p. 317, sec. 1072*)	500, 000. 00	500, 000. 00
4004 Obligations retired from net earnings derived by the United States from Federal intermediate credit banks: Expenditures—1929, $500,000; 1928, $500,000; 1927, $413,684.27.		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Miscellaneous, Forfeitures, Gifts, etc	$200,000.00	$200,000.00
Miscellaneous, forfeitures, gifts, etc.: Expenditures—1929, $200,000; 1928, $200,000; 1927, $5,587,310.		
Total, public debt retirements chargeable against ordinary receipts	541,623,393.53	537,120,735.00
Total, public debt service, including interest and retirements of the public debt from ordinary receipts	1,215,918,130.53	1,263,051,990.00

DIVISION OF APPOINTMENTS

Salaries, Division of Appointments—
Salaries: For the chief of the division, and other personal services in the District of Columbia in accordance with the classification act of 1923 (*act Jan. 26, 1927, vol. 44, p. 1031*) 59,000.00 61,200.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Clerical, administrative, and fiscal service—	*Average—*		*Average—*		*Average—*	
Grade 11, $3,800 to $5,000; average, $4,400—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Administrative officer (chief of division)	1	$4,400	1	$4,400	1	$3,865
Grade 9, $3,000 to $3,600; average, $3,300—						
Senior administrative assistant (chief of section)	1	3,500	1	3,500	1	3,393
Grade 8, $2,700 to $3,300; average, $3,000—						
Administrative assistant (assistant chief of division)	1	3,200	1	3,200	1	3,100
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	1	2,600	1	2,600	1	2,500
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	3	2,234	3	2,234	3	2,234
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	4	1,882	4.2	1,896	5	1,896
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	6	1,650	5.9	1,650	6	1,780
Senior stenographer	2	1,770	2	1,770	2	1,770
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	6	1,510	6	1,515	6	1,586
Junior stenographer	2	1,470	2	1,455	1	1,320
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	3.3	1,380	3	1,380	3	1,380
Custodial service—						
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger	2	1,170	2	1,170	2	1,170
Total average number of employees	32.3		32.1		32	
01 Total salaries, departmental service		60,262		60,121		60,201
Deduct amount to be absorbed for lapses, etc		1,262		1,421		
		59,000		58,700		60,201
Unobligated balance						999
Reserve				2,500		
Total		59,000		61,200		61,200
The difference between 1929 and 1928 is due to increase in force, $141.						

OFFICE OF DISBURSING CLERK

Salaries, Office of Disbursing Clerk—
Salaries: For the disbursing clerk and other personal services in the District of Columbia, in accordance with the classification act of 1923 (*U. S. C., p. 42, sec. 250; act Jan. 26, 1927, vol. 44, p. 1032*) 53,500.00 52,880.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Clerical, administrative, and fiscal service—	*Average—*		*Average—*		*Average—*	
Grade 11, $3,800 to $5,000; average, $4,400—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Administrative officer (disbursing clerk)	1	$4,400	1	$4,400	0.5	$4,133
Grade 10, $3,300 to $3,900; average, $3,600—						
Junior administrative officer (disbursing clerk)					0.5	3,700
Grade 9, $3,000 to $3,600; average, $3,300—						
Senior administrative assistant (deputy disbursing clerk)	1	3,400	1	3,400	0.4	3,300
Grade 8, $2,700 to $3,300; average, $3,000—						
Administrative assistant (deputy disbursing clerk)					0.6	3,100
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant (chief clerk)	1	2,700	1	2,700	0.5	2,667

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries, Office of Disbursing Clerk—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average— No.	Salary	Average— No.	Salary	Average— No.	Salary
Departmental service—Continued.						
Salaries—Continued.						
Clerical, administrative, and fiscal service—Con.						
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	1	$2,500	1	$2,500	1	$2,492
Grade 5, $1,860 to $2,400; average, $2,100—						
Senior clerk	4	2,105	4	2,105	3	2,186
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	2	1,860	2	1,860	3.5	1,911
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	7	1,680	7	1,680	5.6	1,635
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	10	1,482	10	1,482	10.5	1,494
Grade 1, custodial, $1,020 to $1,260; average, $1,140—						
Messenger	2	1,110	2	1,110	2	1,100
Total average number of employees	29		29		28.1	
(2) Total salaries, departmental service		53,940		53,940		51,206
Deduct amount to be absorbed for lapses, etc.		440		1,060		
						51,206
Unobligated balance						2,092
		53,500		52,880		53,300

CUSTOMS SERVICE

Collecting the Revenue from Customs—

For collecting the revenue from customs, for the detection and prevention of frauds upon the customs revenue, and not to exceed $10,000 for the securing of evidence of violation of the customs laws, including not to exceed $5,000 for the hire of motor-propelled passenger-carrying vehicles, [$17,700,000] *$18,700,000*, of which such amount as may be necessary shall be available for salaries of general appraisers and justices of the United States Customs Court retired under the provisions of section 518 of the tariff act of 1922, and [$160,000] *$169,500* shall be available for personal services in the District of Columbia, exclusive of eight persons from the field force authorized to be detailed under section 525 of the tariff act of 1922: *Provided*, That not to exceed $10,000 of the total amount appropriated shall be available for advances to be made by disbursing officers when authorized by the Secretary of the Treasury, the provisions of section 3648 of the Revised Statutes to the contrary notwithstanding (*U. S. C., p. 1918, sec. 205a: acts Mar. 3, 1919, vol. 20, p. 388; Apr. 9, 1920, vol. 35, p. 596; Jan. 26, 1927, vol. 44, p. 1032; Mar. 3, 1927, vol. 44, p. 1381*) $18,700,000.00 $17,700,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average— No.	Salary	Average— No.	Salary	Average— No.	Salary
Departmental service.						
Salaries—						
Clerical, administrative, and fiscal service—						
Grade 14, $7,500 and over—						
Commissioner	1	$8,000	1	$8,000	0.2	$8,000
Grade 13, $6,800 to $7,500; average, $6,750—						
Executive officer (director)					0.8	6,500
Executive officer (assistant commissioner)	1	6,500	1	6,500	0.2	6,250
Grade 12, $5,200 to $6,000; average, $5,600—						
Senior administrative officer (deputy commissioner)	1	6,000	1	6,000	1	6,000
Grade 11, $4,800 to $5,000; average, $4,900—						
Administrative officer (assistant director)					1.6	4,800
Administrative officer (assistant deputy commissioner)	1	4,800	1	4,800	1	4,800
Grade 9, $3,000 to $3,600; average, $3,300—						
Senior administrative assistant	1	3,400	1	3,400	1	3,300
Grade 7, $2,400 to $2,900; average, $2,700—						
Junior administrative assistant	3	2,700	3	2,700	2.6	2,626
Assistant accountant and auditor	1	2,700	1	2,700	1	2,900
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	2	2,400	2	2,700	1.5	2,500
Grade 5, $1,860 to $2,400; average, $2,111.43—						
Senior clerk	4	2,080	3	2,084	2.5	2,065
Senior clerk-stenographer	3	2,133	3	2,133	2	2,125
Senior accountant and auditing assistant	2	2,080	2	2,080	1	2,100
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	11	1,922	11	1,922	8.3	1,716
Accounting and auditing assistant	3	1,720	2	1,740	1.6	1,680
Clerk-stenographer	3	1,880	3	1,880	3.3	1,777
Transportation rate and traffic clerk	1	2,040	1	2,040	1	2,040
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	6	1,570	3.9	1,605	3.2	1,561
Assistant clerk-stenographer	3	1,500	2.5	1,500	0.7	1,500
Senior stenographer	11	1,555	9.7	1,560	2.4	1,635

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Collecting the Revenue from Customs—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average—		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Departmental service—Continued.						
Salaries—Continued.						
Clerical, administrative, and fiscal service—Con.						
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	4	$1,575	4	$1,575	4	$1,545
Junior stenographer	3	1,453	4	1,375	11.4	1,350
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	1	1,440	1	1,440	1.9	1,320
Professional and scientific service—						
Grade 5, $5,200 to $6,000; average, $5,600—						
Senior attorney	1	5,600	1	5,600	0.2	5,400
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate attorney	1	3,400	1	3,400	1	3,300
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant attorney	5	2,700	5	2,700	4.1	2,640
Grade 1, $1,860 to $2,400; average, $2,111.42—						
Junior attorney	2	2,300	2	2,300	2.7	2,153
Custodial service—						
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger	3	1,140	3	1,140	3	1,140
Grade 1, $600 to $780; average, $690—						
Junior messenger	1	600	0.9	600		
Total average number of employees	79		73.3		65.5	
Total salaries, departmental service		169,800		160,000		135,821
The difference between 1929 and 1928 is due to increase in force, $9,800.						
Field service:						
Salaries and wages—						
Salary range, $7,500 and over—						
Chief justice	1	10,000	1	10,000	1	10,000
Associate justice	8	10,000	8	10,000	8	10,000
Collector	4	8,875	4	8,875	4	8,875
Appraiser	1	8,000	1	8,000	1	8,000
Comptroller	1	8,000	1	8,000	1	8,000
Surveyor	1	8,000	1	8,000	1	8,000
Salary range, $6,000 to $7,500; average, $6,750—						
Assistant collector	1	7,000	1	7,000	1	7,000
Chief assistant appraiser	1	6,250	1	6,000	1	6,000
Collector	12	6,458	12	6,458	12	6,458
Assistant comptroller	1	6,000	1	6,000	1	6,000
Colorist	1	6,000	1	6,000	1	6,000
Solicitor to collector	1	6,000	1	6,000	1	6,000
Salary range, $5,200 to $6,000; average, $5,600—						
Assistant surveyor	1	5,800	1	5,600		
Auditor	1	5,700	1	5,600		
Acting surveyor	1	5,500	1	5,200		
Collector	5	5,600	5	5,560	5	5,500
Customs attaché	5	5,570	5	5,450	4	5,425
Superintendent	1	5,400	1	5,200		
Assistant collector	9	5,400	9	5,289		
Deputy collector	4	5,350	4	5,200		
Customs agent	10	5,380	10	5,280	7	5,256
Assistant appraiser	7	5,325	7	5,200		
Appraiser	4	5,300	4	5,200		
Chemist and polariscopist	1	5,300	1	5,200	1	5,200
Comptroller	6	5,300	6	5,200		
Deputy surveyor	1	5,300	1	5,200		
Salary range, $3,800 to $5,000; average, $4,400—						
Acting surveyor					1	5,000
Auditor					1	5,000
Comptroller					6	5,000
Customs representative	1	4,900	1	4,800		
Superintendent					1	4,800
Surveyor	5	4,820	5	4,780	5	4,700
Collector	21	4,761	21	4,738	21	4,738
Customs attaché	3	4,600	3	4,600	4	4,725
Assistant appraiser					7	4,500
Assistant solicitor	1	4,600	1	4,500	1	4,500
Cashier	1	4,600	1	4,500	1	4,500
Special agent	8	4,375	8	4,300	8	4,289
Customs agent	31	4,269	31	4,269	27	4,174
Assistant customs attaché	3	4,260	3	4,200	5	4,260
Liquidator	3	4,260	3	4,260	1	3,800
Appraiser	8	4,213	8	4,188	12	4,417
Clerk	16	4,175	16	4,125	9	4,222
Assistant collector	11	4,145	11	4,090	15	4,393
Assistant customs representative	1	4,100	1	4,000		
Private secretary	1	4,100	1	4,000	1	4,000
Assistant comptroller	6	4,050	6	4,000	6	4,000
Chief clerk	5	4,020	5	3,920	4	4,000
Chief assistant appraiser	5	4,020	5	3,960	4	4,000
Deputy surveyor	4	3,950	4	3,850	1	4,000
Examiner	70	3,937	70	3,837	12	4,007
Deputy collector	7	3,960	7	3,900	8	4,238
Assayer	1	3,900	1	3,800		
Assistant auditor	1	3,900	1	3,800		
Chemist	1	3,900	1	3,800		
Chemist and polariscopist	2	3,900	2	3,800		
Superintendent	1	3,900	1	3,800		
Assistant surveyor	4	3,900	4	3,850	4	4,150

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Collecting the Revenue from Customs—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service—Continued.						
Salaries and wages—Continued.	*Average—*		*Average—*		*Average—*	
Salary range, $3,300 to $3,900; average, $3,600—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Chief assistant appraiser	1	$3,750	1	$3,700	2	$3,600
Deputy collector and clerk	2	3,600	2	3,550	2	3,550
Special agent	10	3,600	10	3,570	7	3,650
Assistant auditor					1	3,600
Assistant cashier	1	3,600	1	3,600	1	3,600
Deputy surveyor	10	3,550	10	3,500	13	3,500
Superintendent					1	3,600
Assistant customs representative					1	3,600
Chief clerk					2	3,600
Deputy collector	11	3,547	11	3,527	13	3,561
Assistant customs attaché	3	3,534	3	3,500	4	3,525
Clerk	68	3,532	68	3,522	30	3,447
Appraiser	3	3,500	3	3,500	3	3,500
Assayer					1	3,500
Chemist and polariscopist					1	3,500
Collector	3	3,500	3	3,500	3	3,500
Customs agent	15	3,443	15	3,400	13	3,485
Assistant collector	14	3,436	14	3,386	17	3,448
Examiner	9	3,409	9	3,389	64	3,431
Chemist	3	3,350	3	3,300	3	3,300
Liquidator	5	3,330	5	3,300	8	3,450
Deputy collector in charge	4	3,315	4	3,300	4	3,300
Salary range, $3,000 to $3,600; average, $3,300—						
Assistant dye technologist	3	3,250	3	3,200	3	3,200
Chief clerk	4	3,200	4	3,150	2	3,000
Chemist and polariscopist					1	3,200
Deputy collector and cashier	2	3,200	2	3,200	2	3,200
Cashier	3	3,150	3	3,100	3	3,100
Customs agent	14	3,135	14	3,085	12	3,167
Clerk	100	3,123	100	3,073	94	3,080
Assistant collector	7	3,078	7	3,028	8	3,025
Deputy collector and clerk	6	3,066	6	3,016	6	3,016
Deputy collector and inspector	3	3,063	3	3,033	2	3,050
Assistant customs attaché	2	3,050	3	3,000	3	3,000
Assistant customs representative	2	3,050	2	3,000	2	3,000
Chemist	6	3,050	6	3,000		
Chief assistant appraiser	7	3,050	7	3,000	1	3,000
Chief stenographer	1	3,050	1	3,000	1	3,000
Collector	1	3,050	1	3,000	1	3,000
Deputy collector	3	3,050	3	3,000	3	3,000
Deputy collector and weigher	1	3,050	1	3,000	1	3,000
Special agent	2	3,050	2	3,000	3	3,285
Deputy surveyor	4	3,035	4	3,000	4	3,000
Private secretary	9	3,022	9	3,022	8	3,000
Deputy collector in charge	17	3,011	17	3,011	15	3,008
Mounted inspector in charge	1	3,000	1	3,000		
Supervising border inspector	1	3,000	1	3,000	1	3,000
Supervisor of mounted inspectors	1	3,000	1	3,000		
Stenographer-reporter	6	3,000	6	3,000	6	3,000
Salary range, $2,700 to $3,300; average $3,000—						
Superintendent	2	3,200	2	3,150	1	2,800
Liquidator	125	3,005	125	2,956	110	2,940
Assayer	1	3,000	1	3,000	1	2,700
Examiner	85	2,908	85	2,868	62	2,875
Cashier	2	2,900	2	2,850	3	2,700
Deputy collector and cashier	2	2,900	2	2,850	2	2,850
Chemist	1	2,850	1	2,800	1	2,800
Weigher	1	2,850	1	2,800	1	2,800
Customs agent	6	2,817	6	2,767	9	2,778
Deputy collector	3	2,817	3	2,767	4	2,800
Clerk	86	2,779	86	2,729	58	2,781
Inspector	171	2,803	171	2,800		
Deputy surveyor	1	2,800	1	2,800	1	2,800
Chief assistant appraiser	1	2,800	1	2,800		
Special agent	1	2,800	1	2,800	4	2,875
Supervisor of patrols	1	2,800	1	2,800	1	2,800
Chinese interpreter	1	2,750	1	2,700		
Deputy collector in charge	22	2,770	22	2,750	14	2,707
Deputy collector and clerk	22	2,722	22	2,722	14	2,714
Mounted inspector in charge	16	2,719	16	2,719	23	2,713
Deputy collector and inspector	12	2,717	12	2,717	7	2,755
Chief clerk	1	2,700	1	2,700	2	2,750
Mounted inspector	21	2,700	21	2,700	13	2,700
Station inspector	60	2,700	60	2,700		
Supervisor of mounted inspectors					1	2,700
Salary range, $2,400 to $3,000; average, $2,700—						
Weigher and gauger	1	2,750	1	2,700	1	2,500
Assistant surveyor	1	2,650	1	2,600	1	2,600
Chief assistant appraiser	1	2,650	1	2,600	3	2,767
Deputy collector and cashier	1	2,650	1	2,600	1	2,600
Assistant collector	4	2,625	4	2,575	3	2,560
Chemist	7	2,579	7	2,529	13	2,400
Mounted inspector					8	2,600
Station inspector					58	2,600
Assistant customs representative	2	2,550	2	2,500	2	2,500
Mechanic	1	2,550	1	2,500	1	2,500
Stenographer and typist	1	2,550	1	2,500	1	2,500
Customs agent	15	2,543	15	2,493	15	2,480
Liquidator	27	2,542	27	2,492	35	2,509
Deputy collector	11	2,541	11	2,491	10	2,500
Cashier	5	2,530	5	2,480	3	2,500

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Collecting the Revenue from Customs—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service—Continued.						
Salaries and wages—Continued.	*Average—*		*Average—*		*Average—*	
Salary range, $2,400 to $3,000; average, $2,700—Con.	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Deputy collector and inspector	25	$2,528	25	$2,488	28	$2,500
Examiner	40	2,495	40	2,455	71	2,442
Captain of customs guard	2	2,490	2	2,450	1	2,500
Clerk	227	2,487	227	2,449	151	2,447
Deputy collector in charge	32	2,485	32	2,450	41	2,480
Inspector	257	2,460	257	2,410	417	2,472
Chinese interpreter	1	2,500	1	2,500	2	2,600
Automatic scale expert	1	2,450	1	2,400		
Chief clerk	1	2,450	1	2,400	1	2,500
Deputy collector and clerk	37	2,465	37	2,465	32	2,497
Lieutenant of customs guard	9	2,430	9	2,400	9	2,400
Assistant collector					2	2,450
Storekeeper	1	2,400	1	2,400	1	2,400
Salary range, $2,100 to $2,700; average, $2,400—						
Weigher	3	2,433	3	2,433	2	2,200
Inspector	252	2,302	252	2,247	245	2,214
Supervising border inspector	1	2,300	1	2,300		
Assistant superintendent	1	2,250	1	2,200	1	2,200
Captain of customs guard	2	2,250	2	2,200	3	2,200
Cashier	1	2,250	1	2,200	2	2,250
Foreman	1	2,250	1	2,200	1	2,200
Inspectress	3	2,250	3	2,200	3	2,200
Photostat operator	1	2,250	1	2,200	1	2,200
Weigher and gauger	1	2,250	1	2,200	1	2,200
Deputy collector	11	2,240	11	2,190	12	2,183
Deputy collector and clerk	36	2,238	36	2,188	35	2,174
Superintendent	3	2,235	3	2,233	3	2,233
Liquidator	27	2,230	27	2,226	37	2,221
Deputy collector and inspector	82	2,226	82	2,201	81	2,205
Master pilot	2	2,250	2	2,250	2	2,250
Assistant customs representative	2	2,225	2	2,200	2	2,200
Analyst	4	2,200	4	2,150	3	2,167
Deputy collector and cashier	2	2,200	2	2,150	2	2,150
Engineer	2	2,200	2	2,150	1	2,100
Mounted inspector	17	2,223	17	2,200	13	2,200
Automatic scale expert	5	2,200	5	2,160	5	2,140
Clerk	197	2,200	197	2,171	227	2,181
Stenographer and typist	9	2,216	9	2,211	9	2,211
Deputy collector in charge	64	2,190	64	2,156	42	2,200
Examiner	21	2,190	21	2,171	26	2,109
Assistant assayer	1	2,150	1	2,100	1	2,100
Assistant cashier	1	2,150	1	2,100	1	2,100
Chief messenger	1	2,150	1	2,100	1	2,100
Lieutenant of guards	3	2,150	3	2,100	2	2,100
Salary range, $1,860 to $2,400; average, $2,100—						
Storekeeper	117	2,171	117	2,171	117	2,100
Assistant superintendent	1	2,150	1	2,100	1	2,000
Roundsman	34	2,092	34	2,047	34	2,005
Customs agent	7	2,054	7	2,009	6	2,010
Carpenter	1	2,045	1	2,000	1	2,000
Dictaphone operator	2	2,045	2	2,000	2	2,000
Mounted inspector in charge	2	2,045	2	2,000	5	2,000
Sampler	31	2,000	31	1,963	30	1,957
Engineer	9	1,974	9	1,929	9	1,917
Deputy collector in charge	32	1,972	32	1,927	56	1,923
Deputy collector and clerk	87	1,965	87	1,925	56	1,959
Liquidator	8	1,997	8	1,987	13	1,939
Foreman	12	2,000	12	2,000	12	2,000
Deputy collector	12	1,958	12	1,913	10	1,924
Examiner	8	1,957	8	1,912	4	1,860
Clerk	329	1,950	329	1,926	265	1,963
Inspector	698	1,960	698	1,925	666	1,905
Deputy collector and inspector	303	1,946	303	1,896	145	1,939
Assistant bookbinder	1	1,945	1	1,900	1	1,900
Assistant cashier	1	1,945	1	1,900	1	1,900
Automatic scale expert	1	1,945	1	1,900	1	1,900
Captain-pilot	1	1,945	1	1,900	1	1,900
Lieutenant of guards	3	1,945	3	1,900	3	1,900
Mechanic	1	1,945	1	1,900	1	1,900
Pilot-engineer	1	1,945	1	1,900	1	1,900
Stenographer and typist	10	1,945	10	1,900	31	1,870
Assistant customs representative	1	1,905	1	1,860		
Polariscopist	1	1,905	1	1,860		
Weigher and gauger	1	1,905	1	1,860		
Inspectress	5	1,900	5	1,868	2	1,860
Mounted inspector	52	1,921	52	1,906	36	1,862
Customs guard	5	1,897	5	1,860		
Inspectress and clerk	2	1,930	2	1,930	2	1,900
Storekeeper	11	1,920	11	1,913	15	1,900
Salary range, $1,680 to $2,040; average, $1,860—						
Typist	1	1,830	1	1,800	1	1,800
Engineer	9	1,818	9	1,778	9	1,771
Roundsman	9	1,834	9	1,829	9	1,789
Billing-machine operator	2	1,815	2	1,800	2	1,800
Sampler	36	1,790	36	1,768	35	1,763
Stenographer and typist	32	1,787	32	1,769	9	1,702
Assistant customs representative					1	1,800
Customs agent	1	1,800	1	1,800	1	1,800
Mimeograph operator	1	1,800	1	1,800	1	1,800
Operator, air-conditioning plant	1	1,800	1	1,800	1	1,680
Weigher and gauger					1	1,800

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), data of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Collecting the Revenue from Customs—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average—		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Field service—Continued.						
Salaries and wages—Continued.						
Salary range, $1,680 to $2,040; average, $1,860—Con.						
Mechanic	2	$1,770	2	$1,740		
Opener and packer	3	1,770	3	1,740	1	$1,680
Polariscopist					1	1,800
Inspector	367	1,753	52	1,723	45	1,700
Inspectress	3	1,730	3	1,680		
Clerk	358	1,752	358	1,732	571	1,755
Deputy collector and clerk	20	1,762	20	1,752	44	1,750
Mounted inspector	7	1,773	7	1,773	9	1,700
Storekeeper	79	1,763	79	1,763	79	1,763
Assistant superintendent	1	1,730	1	1,700	1	1,700
Deputy collector	5	1,730	5	1,710	4	1,700
Customs guards	758	1,722	758	1,696	636	1,699
Laboratory helper	1	1,710	1	1,680		
Stitch counter	2	1,710	2	1,680		
Deputy collector in charge	12	1,723	12	1,723	23	1,710
Messenger	13	1,710	13	1,708	13	1,708
Analyst					1	1,700
Chauffeur	1	1,700	1	1,700	1	1,700
Telephone operator	1	1,700	1	1,700	1	1,700
Searcher	1	1,680	1	1,680		
Salary range, $1,500 to $1,860; average, $1,680—						
Painter	1	1,710	1	1,680		
Inspectress and clerk	2	1,680	2	1,650	1	1,700
Assistant customs attaché	1	1,680	1	1,680	1	1,500
Engineer	3	1,640	3	1,600	3	1,600
Typist	3	1,617	3	1,567	1	1,500
Boatman	3	1,667	3	1,667	3	1,667
Sampler	71	1,597	71	1,557	78	1,557
Verifier, opener, and packer	335	1,609	335	1,584	312	1,581
Customs guard	21	1,573	21	1,538	125	1,538
Assistant bookbinder	1	1,600	1	1,600	1	1,680
Billing-machine operator	6	1,600	6	1,600	6	1,600
Inspectress					1	1,600
Mechanic					2	1,600
Painter					1	1,600
Searcher					1	1,600
Stitch counter					2	1,600
Elliott-Fischer machine operator	3	1,550	3	1,500	2	1,500
Multigraph operator	1	1,550	1	1,500	1	1,500
Deputy collector and clerk	5	1,565	5	1,540	7	1,555
Opener and packer	140	1,591	140	1,591	144	1,583
Stenographer and typist	19	1,551	19	1,521	22	1,518
Deputy collector and inspector	4	1,565	4	1,550	7	1,570
Clerk	282	1,544	282	1,529	357	1,521
Carpenter	2	1,530	2	1,500	2	1,500
Truck driver	1	1,530	1	1,500	1	1,500
Foreman	3	1,543	3	1,533	3	1,533
Messenger	38	1,540	38	1,535	28	1,522
Deputy collector in charge	2	1,550	2	1,550	7	1,543
Storekeeper	4	1,550	4	1,550		
Chauffeur	6	1,500	6	1,500	6	1,500
Deputy collector	1	1,500	1	1,500		
Elevator conductor	8	1,500	8	1,500	9	1,500
Laboratory helper					1	1,500
Salary range, $1,320 to $1,680; average, $1,500—						
Foreman	2	1,430	2	1,400	2	1,400
Keeper of scales	1	1,430	1	1,400	1	1,400
Clerk	3	1,390	8	1,370	6	1,366
Stamper	1	1,400	1	1,400	1	1,400
Telephone operator	3	1,390	3	1,380	3	1,380
Messenger	82	1,384	82	1,379	94	1,371
Inspectress	1	1,350	1	1,320	1	1,320
Watchman	15	1,350	15	1,346	15	1,346
Stenographer and typist	2	1,335	2	1,320	2	1,320
Attendant	7	1,335	7	1,331	7	1,331
Laborer	766	1,321	766	1,321	718	1,321
Foreman	1	1,320	1	1,320	1	1,320
Verifier, opener and packer	5	1,320	5	1,320	2	1,320
Salary range, $1,140 to $1,500; average, $1,320—						
Deck hand	3	1,350	3	1,320	3	1,320
Telephone operator	2	1,330	2	1,300	2	1,300
Messenger	75	1,272	75	1,232	47	1,231
Elevator conductor	2	1,270	2	1,260	1	1,200
Watchman	6	1,220	6	1,190	5	1,176
Laborer	19	1,233	19	1,229	16	1,221
Stenographer and typist	2	1,185	2	1,170	2	1,170
Cook	1	1,170	1	1,140	1	1,140
Messenger boy	35	1,148	35	1,140		
Engineer	1	1,140	1	1,140		
Salary range, $1,020 to $1,260; average, $1,140—						
Messenger	8	1,130	8	1,100	21	1,100
Engineer					1	1,100
Laborer	14	1,080	14	1,080	12	1,080
Salary range, $900 to $1,140; average, $1,020—						
Typist	3	933	3	933	2	900
Messenger boy	27	900	27	900	52	900

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Collecting the Revenue from Customs—Continued.					
Field service—Continued.					
Salaries and wages—Continued.	*Average—*	*Average—*	*Average—*		
Salary range, $780 to $1,020; average, $900—	*No.* *Salary*	*No.* *Salary*	*No.* *Salary*		
Messenger	5 $900	5 $900	8 $915		
Messenger boy			20 840		
Seasonal and part-time employees	292	292	309		
	134,644	134,644	139,248		
Temporary employees	140,000	140,000	146,000		
Temporary day labor	285,000	285,000	286,813		
Total average number of employees	8,659	8,344	8,115		
Total salaries and wages, field service	17,993,633	17,234,689	16,336,158		
The difference between 1929 and 1928 is due to—					
Increase in force	$567,000				
Increase in salaries	191,944				
Total increase	758,944				
Deduct amount of savings from lapses and vacancies	255,604	245,245			
Net salaries and wages, field service	17,738,029	16,989,444	16,336,158		
01 Total personal services	17,907,829	17,149,444	16,474,979		
Supplies and materials:					
0200 Stationery and office supplies	6,850.00	6,850.00	6,852.44		
0210 Medical and hospital supplies	200.00	200.00	198.46		
0220 Scientific and educational supplies	8,930.00	8,930.00	8,930.86		
0230 Fuel	137,400.00	50,560.00	97,407.82		
0280 Sundry supplies	103,430.00	56,220.00	71,429.33		
0290 Materials	850.00	850.00	851.81		
02 Total supplies and materials	257,660.00	123,610.00	185,670.72		
04 Storage and care of vehicles	13,475.00	6,370.00	7,589.13		
Communication service:					
0500 Telegraph service	3,770.00	3,770.00	3,773.35		
0510 Telephone service	160,400.00	160,400.00	160,402.51		
0520 Registration fees, postage on foreign mail, etc.	2,800.00	2,800.00	2,804.68		
05 Total communication service	166,970.00	166,970.00	166,980.54		
06 Travel expenses	278,300.00	278,300.00	277,258.06		
07 Transportation of things (service)	291,115.00	270,000.00	301,570.07		
08 Printing and binding	250.00	250.00	243.56		
09 Advertising and publication of notices	2,510.00	2,510.00	2,513.24		
10 Furnishing of heat, light, and power	14,860.00	14,860.00	14,866.52		
11 Rents of buildings and structures	125,450.00	125,450.00	128,635.00		
12 Repairs and alterations	128,695.00	64,000.00	108,903.89		
13 Special and miscellaneous current expenses	82,000.00	67,350.00	77,346.96		
Equipment:					
3010 Furniture, furnishings, and fixtures	26,850.00	26,850.00	46,856.62		
3020 Educational and scientific	4,320.00	4,320.00	9,321.51		
3050 Other equipment	7,720.00	7,720.00	72,726.51		
30 Total equipment	38,890.00	38,890.00	128,904.64		
Total contingent	1,400,175.00	1,158,560.00	1,400,482.33		
	19,308,004.00	18,308,004.00	17,875,461.33		
Deduct receipts from reimbursable charges for labor, services, and other expenses connected with the customs (sec. 524, tariff act of 1922)	608,004.00	608,004.00	592,919.99		
	18,700,000.00	17,700,000.00	17,282,541.34		
Unobligated balance			215,513.66		
Total	18,700,000.00	17,700,000.00	17,498,055.00		
Scales for Customs Service—					
Scales for customs service: For construction and installation of special automatic and recording scales for weighing merchandise, and so forth, in connection with imports at the various ports of entry under direction of the Secretary of the Treasury, including not to exceed $4,400 for personal services in the District of Columbia (*act Jan. 26, 1927, vol. 44, p. 1032*)				$95,000.00	$100,000.00
Departmental service:					
Salaries—					
Professional and scientific service—	*Average—*	*Average—*	*Average—*		
Grade 4, $3,800 to $5,000; average, $4,400—	*No.* *Salary*	*No.* *Salary*	*No.* *Salary*		
01 Engineer	1 $4,400.00	1 $4,400.00	1 $4,400.00		
05 Communication service	2.00	2.00	.82		
06 Travel expense	300.00	300.00	183.90		
30 Equipment (weighing)	90,298.00	90,298.00	93,679.72		
		95,000.00	98,264.44		
Unobligated balance			1,735.56		
Reserve		5,000.00			
Total	95,000.00	100,000.00	100,000.00		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Compensation in Lieu of Moieties—		
Compensation in lieu of moieties: For compensation in lieu of moieties in certain cases under the customs laws (*U. S. C., p. 607, sec. 533; act Jan. 26, 1927, vol. 44, p. 1032*)	$150,000.00	$150,000.00
5340 Awards: Expenditures—1929, $150,000; 1928, $150,000; 1927, $152,811.		
Indefinite appropriations:		
Refund of Excessive Duties (Customs)—		
To enable the Secretary of the Treasury to refund duties and correct errors in liquidation of entries in the following cases: (1) Whenever it is ascertained on final liquidation or reliquidation of an entry that more money has been deposited or paid than was required by law to be so deposited or paid; (2) Whenever it is determined in the manner required by law that any fees, charges, or exactions, other than duties, have been erroneously collected; (3) Whenever a manifest clerical error is discovered in any entry, or liquidation within one year after the date of entry, or within sixty days after liquidation when liquidation is made more than ten months after the date of entry; and (4) Whenever duties have been paid on household or personal effects which by law were not subject to duty, notwithstanding a protest was not filed within the time and in the manner prescribed by law (*U. S. C., p. 597, sec. 407*)	7,000,000.00	6,400,000.00
5312 Refund of customs duties or deposits: Expenditures—1929, $7,000,000; 1928, $6,400,000; 1927, $7,789,280.82		
Debentures or Drawbacks, Bounties, or Allowances (Customs)—		
Indefinite appropriation for the payment of debentures or drawbacks, bounties and allowances, which are or may be authorized and payable according to laws authorizing them: *Provided*, That the collectors of customs shall be the disbursing agents to pay the same (*U. S. C., p. 574, sec. 152; p. 599, sec. 457; p. 1021, sec. 711*)	12,000,000.00	18,000,000.00
5317 Drawbacks, customs: Expenditures—1929, $12,000,000; 1928, $18,000,000; 1927, $12,506,213.27.		
Miscellaneous Indefinite Appropriations—		
Refunding moneys erroneously received and covered (customs) (*U. S. C., p. 1021, sec. 711*); Refunding penalties or charges erroneously exacted (customs) (*U. S. C., p. 509, sec. 643*); Proceeds of goods seized and sold (customs) (*U. S. C., p. 1021, sec. 711*); Refunding proceeds of unclaimed merchandise (customs) (*U. S. C., p. 1022, sec. 711*)	7,500.00	5,000.00
53 Refunds, awards, and indemnities: Expenditures—1929, $7,500; 1928, $5,000; 1927, $7,835.25.		
Special fund:		
Philippine Special Fund (Customs)—		
That * * * all duties and taxes collected in the United States upon articles coming from the Philippine Archipelago and upon foreign vessels coming therefrom shall not be covered into the general fund of the Treasury of the United States, but shall be held as a separate fund and paid into the treasury of the Philippine Islands to be used and expended for the government and benefit of said islands (*act Mar. 8, 1902, vol. 32, p. 54, sec. 4*)	5,500.00	5,500.00
5310 Refunds of taxes and duties not specified: Expenditures—1929, $5,500; 1928, $5,500; 1927, $5,341.92.		
Total, Bureau of Customs	37,958,000.00	42,360,500.00
BUREAU OF THE BUDGET		
Salaries and Expenses, Bureau of the Budget—		
Director, $10,000; Assistant Director, $7,500; for all other necessary expenses of the bureau, including compensation of attorneys and other employees in the District of Columbia in accordance with the classification act of 1923; contract stenographic reporting services, telegrams, telephone service, law books, books of reference, periodicals, stationery, furniture, office equipment, other supplies, traveling expenses, street-car fares, [$140,500] *$138,500*; in all (*U. S. C., pp. 975, 976; secs. 1, 2, 11-24; act Jan. 26, 1927, vol. 44, p. 1032*)	156,000.00	158,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Expenses, Bureau of the Budget—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Clerical, administrative, and fiscal service—	*Average—*		*Average—*		*Average—*	
Grade 14, $7,500 and over—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Special executive officer (director)	1	$10,000	1	$10,000	1	$5,500
Special executive officer (assistant director)	1	7,500	1	7,500	0.4	7,500
Grade 13, $6,000 to $7,500; average, $6,750—						
Executive officer (assistant director)					0.6	7,500
Grade 12, $5,200 to $6,000; average, $5,600—						
Senior administrative officer—						
Executive assistant	1	5,600	1	5,600	1	5,400
Chief, division of estimates	1	5,400	1	5,400	1	5,400
Chief investigator (assistant to the director)	6	5,500	6	5,467	6	5,467
Grade 11, $3,800 to $5,000; average, $4,400—						
Assistant chief investigator (investigator)	12	4,133	9.5	4,137	10	4,040
Grade 10, $3,300 to $3,900; average, $3,600—						
Senior investigator (investigator)			2	3,500	2	3,350
Junior administrative officer—						
Assistant chief, division of estimates	1	3,600	1	3,500	1	3,400
Grade 9, $3,000 to $3,600; average, $3,300—						
Senior administrative assistant—						
Chief clerk					0.7	3,000
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant—						
Chief clerk	1	2,400	1	2,400	0.3	2,400
Assistant editor	1	2,600	1	2,484		
Private secretary to director	1	2,600	0.7	2,500		
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	1	2,400	1	2,300	2	2,350
Principal clerk-stenographer			0.3	2,400	1	2,400
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Head stenographer					0.5	2,300
Senior clerk-stenographer	1	1,920	0.9	1,860	0.2	1,980
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	3	1,760	2.9	1,723	2.3	1,774
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk-stenographer					0.6	1,680
Senior stenographer	1	1,560	1	1,500	1	1,500
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk					1	1,680
Professional and scientific service—						
Grade 5, $5,200 to $6,000; average, $5,600—						
Senior attorney (counsel)	1	5,400	1	5,400	1	5,400
Custodial service—						
Grade 3, $1,020 to $1,260; average, $1,080—						
Messenger	3	1,260	3	1,260	3	1,260
Total average number of employees	36		35.3		36.6	
01 Total personal services		142,640.00		138,108.00		136,050.07
The difference between 1929 and 1928 is due to—						
Increase in force	$2,254					
Increase in salaries	2,278					
Total increase	4,532					
02 Supplies and materials		2,000.00		2,000.00		835.95
Communication service:						
0500 Telegraph service		250.00		250.00		24.79
0510 Telephone service		900.00		700.00		547.77
05 Total communication service		1,150.00		950.00		572.56
06 Travel expenses		6,520.00		6,330.00		3,313.35
07 Transportation of things		80.00		80.00		5.52
Printing, binding, photographic, and stenographic work (service):						
0820 Stenographic work, typewriting, and duplicating work (job work)		2,300.00		2,360.00		
0830 Photographing and making photographs and prints (job work)		60.00		60.00		23.05
08 Total printing, binding, etc		2,360.00		2,420.00		23.05
11 Rent		300.00		300.00		295.00
12 Repairs to equipment		300.00		300.00		296.96
Equipment:						
3010 Furniture, furnishings, and fixtures		500.00		362.00		183.00
3020 Educational, scientific, and recreational equipment		150.00		150.00		60.00
30 Total equipment		650.00		512.00		243.00
				151,000.00		141,635.46
Unobligated balance						23,364.54
Reserve				7,000.00		
Total		156,000.00		158,000.00		165,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Printing and Binding, Bureau of the Budget—		
For printing and binding (*U. S. C., p. 1013, sec. 588; act Jan. 26, 1927, vol. 44, p. 1032*)	$27,000.00	$25,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
02011	Printed forms and letterheads	$400.00	$400.00	$152.50
0800	Printing and binding	26,600.00	24,600.00	24,847.50
	Total printing and binding	27,000.00	25,000.00	25,000.00

Total, Bureau of the Budget	183,000.00	183,000.00

FEDERAL FARM LOAN BUREAU

Salaries, Federal Farm Loan Board (Special Fund)—		
Salaries: For six members of the board, at $10,000 each; for personal services in the District of Columbia and in the field, [$415,000] *$553,201*; in all, [$475,000] *$613,201*, of which amount not to exceed [$194,000] *$277,275* may be expended for personal services in the District of Columbia (*U. S. C., p. 1012, sec. 583; act Jan. 26, 1927, vol. 44, p. 1032*)	613,201.00	475,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Positions under Federal Farm Loan Bureau not subject to classification act of 1923. (See Public No. 599, 68th Cong., vol. 43, p. 1262.)						
Departmental service:						
Salaries—						
Salary ranges—	*Average—*		*Average—*		*Average—*	
$7,500 and over—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Member Farm Loan Board	6	$10,000	6	$10,000	6	$10,000
Secretary and general counsel	1	8,400	1	8,400	0.2	8,400
Chief examiner					1	12,000
Chief examiner	1	8,000	1	7,500		
General counsel					1	7,500
Assistant chief examiner	1	7,500	1	7,500	1	7,500
Special examiner	1	7,500	0.9	7,500		
$6,000 to $7,500—						
Assistant chief examiner	1	6,000	1	6,500	1.5	6,000
Chief reviewing appraiser	1	7,500				
Examiner	1	6,500	1	6,500		
Assistant chief reviewing appraiser	1	6,000				
Assistant counsel	2	6,000				
Statistician and economist	1	6,000				
$5,200 to $6,000—						
Secretary					1	5,200
Assistant counsel	1	5,000				
$3,800 to $5,000—						
Assistant secretary	1	5,000	1	4,500		
Examiner	2	5,000				
Chief, bond division	1	5,000	1	4,200	1	4,200
Chief mortgage loan examiner	1	4,200	1	4,200	1	4,200
$3,300 to $3,900—						
Auditor	1	4,000	1	3,600	0.3	3,600
Assistant chief, bond division	1	3,600				
Salary ranges—						
$3,000 to $3,600—						
Mortgage loan examiner	5	3,000	4	3,000	4	3,000
Statistician			0.1	3,000	1	3,000
Accountant	1	3,000				
$2,400 to $3,000—						
Assistant auditor	1	2,400	1	2,400	1	2,400
Mortgage loan examiner			1	2,400	0.6	2,400
Chief file clerk	1	2,400	1	2,400		
Private secretary	4	2,563				
Bond clerk	1	2,500				
$2,100 to $2,700—						
Clerk			1	2,300	1	2,240
Private secretary	3	2,300	3	2,300	6	2,300
Executive clerk					1	2,240
$1,860 to $2,400—						
Stenographer	2	1,930	2	1,930	2	1,930
Clerk	3	1,940	3	1,860	3	1,907
$1,680 to $2,040—						
Clerk	4	1,800	4	1,800	5	1,800
Stenographer	8	1,785	4	1,770	4	1,800
File clerk	1	1,800				
$1,500 to $1,860—						
Clerk	6	1,500	7	1,500	8.5	1,500
Stenographer	7	1,569	2	1,638	1.5	1,497
File clerk	2	1,600	1	1,680		
$1,320 to $1,680—						
Clerk			1	1,440	1	1,440
Stenographer	2	1,440	1	1,440	0.9	1,440
$1,140 to $1,500—						
Messenger	3	1,200	3.1	1,200	4.2	1,200
Total average number of employees	79		55.1		58.7	
Total salaries, departmental service		277,275		194,000		197,733

The difference between 1929 and 1928 is due to increase in force, $83,275.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries, Federal Farm Loan Board (Special Fund)—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries—						
Salary ranges—						
$3,800 to $5,000—						
Registrar	12	$5,000	12	$5,000	12	$5,000
Reviewing appraiser	12	5,000	8	5,000	9.5	5,000
Land-bank examiner	13	4,538	10	4,260	6.2	4,615
$3,000 to $3,600—						
Land-bank examiner	7	3,343	10	3,200	8.9	3,239
$2,400 to $3,000—						
National Farm Loan Association examiner	30	2,683	24	2,500	22.6	2,486
$1,860 to $2,400—						
Deputy registrar	12	1,930	12	1,800	12	1,811
$1,500 to $1,860—						
Clerk (registrar's offices)	9	1,620	6	1,500	2.1	1,548
$1,000 to $1,500—						
Clerk (registrar's offices)	13	1,177	14	1,129	6.5	1,133
Total average number of employees	108		96		79.8	
Total salaries, field service		335,926		281,000		253,294
The difference between 1929 and 1928 is due to increase in force, $54,926.						
01 Total personal services		613,201		475,000		451,027
Unobligated balance						20,993
Total		613,201		475,000		472,020

Miscellaneous Expenses, Federal Farm Loan Board (Special Fund)—

For traveling expenses of the members of the board and its officers and employees; [per diem in lieu of subsistence, not exceeding $6; and] contingent and miscellaneous expenses, including *law books*, books of reference, *periodicals, newspapers,* [and] maps; *contract stenographic reporting services, and expert services for the preparation of amortization tables*; [and for] the examination of national farm loan associations; and [for] the expenses of registrars' offices, including rent and miscellaneous items, [$205,000] *$220,000.*

Whenever, during the fiscal year ending June 30, 1929, the Farm Loan Board shall find that the expenses of travel can be reduced thereby, it may, in lieu of actual operating expenses, under such regulations as it may prescribe, authorize the payment of not to exceed 3 cents per mile for motor cycle or 7 cents per mile for an automobile, used for necessary travel on official business.

In all, Federal Farm Loan Bureau, [$680,000] *$833,201*, payable from assessments upon Federal and joint-stock land banks and Federal intermediate credit banks (*U. S. C., p. 1012, sec. 583; act Jan. 26, 1927, vol. 44, p. 1032*) $220,000.00 $205,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
02 Stationery and office supplies	$3,000	$2,100	$3,365
Communication service:			
0500 Telegraph service		4,200	2,704
0510 Telephone service		1,800	2,236
05 Total communication service	7,500	6,000	4,940
Travel expenses:			
0615 Transportation	64,600	49,000	40,440
0616 Subsistence	100,000	103,000	61,376
06 Total travel expenses	164,600	152,000	101,816
08 Printing and binding	9,500	9,500	5,311
11 Rent (registrars' offices in field)	30,000	30,000	11,317
30 Equipment	5,400	5,400	4,264
			131,013
Unobligated balance			23,987
Total	220,000	205,000	155,000

Total, Federal Farm Loan Bureau 833,201.00 680,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
OFFICE OF TREASURER OF THE UNITED STATES		
Salaries, Office of Treasurer of the United States—		
Salaries: For Treasurer of the United States, $8,000; for personal services in the District of Columbia, in accordance with classification act of 1923, [$1,062,000] *$1,082,000*; in all (*U. S. C., p. 983, sec. 141; act Jan. 26, 1927, vol. 49, p. 1055*)	$1,090,000.00	$1,070,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Clerical, administrative, and fiscal service—	*Average*—		*Average*—		*Average*—	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 13, $6,000 to $7,500; average, $6,750—						
Executive officer	1	$8,000	1	$8,000	1	$8,000
Grade 12, $5,200 to $6,000; average, $5,600—						
Senior administrative officer	2	5,600	2	5,600	2	5,500
Grade 11, $3,800 to $5,000; average, $4,400—						
Administrative officer	4	4,150	4	4,150	4	4,150
Grade 9, $3,000 to $3,600; average, $3,300—						
Senior administrative assistant	6	3,350	6	3,350	6.1	3,293
Grade 8, $2,700 to $3,300; average, $3,000—						
Administrative assistant	2	2,950	2	2,950	2	2,898
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant	18	2,672	18	2,672	16.7	2,649
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	12	2,375	12	2,375	11.8	2,367
Grade 5, $1,860 to $2,400; average, $2,111—						
Senior clerk	35	2,079	35	2,079	32	2,080
Head stenographer	1	2,200	1	2,200	1	2,200
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	63	1,796	63	1,795	49.7	1,824
Principal stenographer	1	1,740	1	1,740	1	1,740
Clerk-stenographer	2	1,770	2	1,770	2	1,770
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	126	1,663	116	1,612	126.9	1,604
Head typist	1	1,680	1	1,680	1	1,680
Senior stenographer	9	1,654	9	1,654	9	1,654
Senior operator, office devices	13	1,570	13	1,570	13	1,570
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	188	1,364	188	1,364	136.4	1,423
Senior typist	4	1,380	4	1,380	4	1,380
Junior stenographer	5	1,392	5	1,392	5	1,392
Junior clerk-typist	16	1,391	16	1,392	16	1,392
Junior operator, office devices	4	1,425	4	1,425	4	1,425
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	104	1,320	104	1,272	166.2	1,275
Underclerk-typist	3	1,350	3	1,350	2	1,350
Underoperator, office devices	2	1,230	2	1,230	2	1,230
Custodial service—						
Grade 5, $1,320 to $1,680; average, $1,500—						
Foreman of laborers	1	1,380	1	1,380	0.9	1,391
Grade 4, $1,140 to $1,500; average, $1,320—						
Head messenger	1	1,320	1	1,320	1.1	1,300
Assistant foreman of laborers	2	1,320	2	1,320	2	1,320
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger	30	1,110	30	1,110	29.5	1,092
Senior laborer	13	1,140	13	1,140	13	1,140
Grade 2, $900 to $1,140; average, $1,020—						
Assistant messenger	15	936	15	936	17.2	917
Junior laborer	11	1,009	11	1,009	11	1,009
Grade 1, $600 to $780; average, $690—						
Junior messenger					2.1	619
Total average number of employees	695		685		691.6	
Total salaries, departmental service		1,090,000.00		1,070,000.00		1,070,843.80
Unobligated balance						156.20
Total		1,090,000.00		1,070,000.00		1,075,000.00

The difference between 1929 and 1928 is due to increase in force, $20,000.

Salaries, Office of Treasurer of United States (National Currency, Reimbursable)— For personal services in the District of Columbia, in accordance with the classification act of 1923, in redeeming Federal reserve and national currency, [$310,000] *$305,000*, to be reimbursed by the Federal reserve and national banks (*act Jan. 26, 1927, vol. 44, p. 1033*)	305,000.00	310,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries, Office of Treasurer of United States (National Currency, Reimbursable)—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Clerical, administrative, and fiscal service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 11, $3,800 to $5,000; average, $4,400—						
Administrative officer (superintendent)	1	$5,000	1	$5,000	1	$5,000
Grade 10, $3,300 to $3,900; average, $3,600—						
Junior administrative officer (assistant superintendent)	1	3,800	1	3,800	1	3,700
Grade 8, $2,700 to $3,300; average, $3,000—						
Administrative assistant	1	3,000	1	3,000	1	3,000
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant	1	2,800	1	2,800	1	3,800
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	3	2,567	3	2,567	3	2,567
Principal accounting and auditing assistant	1	2,300	1	2,300	1	2,300
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	3	2,267	3	2,262	3	2,233
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	8	1,958	8	1,957	9.3	1,924
Clerk-stenographer	2	1,920	2	1,912	2	1,860
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	29	1,771	29	1,772	27	1,754
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	108	1,481	110.7	1,473	103.4	1,441
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	23	1,307	24.7	1,296	39	1,289
Custodial service—						
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger	7	1,166	7	1,160	7	1,123
Guard	2	1,050	2	1,050	2	1,050
Grade 2, $900 to $1,140; average, $1,020—						
Junior laborer	5	490	5	490	5	375
Total average number of employees	195		199.4		205.7	
01 Total salaries, departmental service		305,000		310,000		311,334
The difference between 1929 and 1928 is due to decrease in force, $5,000.						
Unobligated balance						8,666
Total		305,000		310,000		320,000

Indefinite appropriation:

Contingent Expenses, National Currency (Reimbursable)—

Indefinite appropriation to pay the charges for transportation and the cost of assorting national-bank notes and Federal reserve bank notes, except salaries, forwarded to the Treasury of the United States for redemption under the provisions of the act of June 20, 1874, and amendatory act of July 12, 1882, and the act of December 23, 1913, to be reimbursed by the Federal reserve and national banks (*U. S. C., p. 266, secs. 121, 127*) $150,000.00 $165,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Supplies and materials:			
0200 Stationery and office supplies	$2,200.00	$2,200.00	$2,188.17
0220 Scientific and educational supplies	40.00	40.00	40.00
0230 Fuel	480.00	480.00	479.08
02 Total supplies and materials	2,720.00	2,720.00	2,707.25
Communication service:			
0500 Telegraph service	5.00	5.00	2.75
0510 Telephone service	80.00	80.00	79.67
05 Total communication service	85.00	85.00	82.42
07 Transportation of things (service)	140,145.00	140,145.00	140,793.41
08 Printing and binding	4,000.00	11,800.00	3,881.11
10 Furnishing of heat, light, power, water, and electricity (service)	1,300.00	1,300.00	1,256.77
12 Repairs and alterations	1,300.00	2,500.00	4,197.43
13 Special and miscellaneous current expenses	50.00	50.00	47.15
30 Equipment	400.00	400.00	672.80
Total	150,000.00	159,000.00	153,638.34

Total, office of Treasurer of the United States 1,545,000.00 1,545,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
OFFICE OF THE COMPTROLLER OF THE CURRENCY		
Salaries, Office of Comptroller of the Currency— Salaries: Comptroller of the Currency, $5,000; for personal services in the District of Columbia, in accordance with the classification act of 1923, $230,000; in all (*U. S. C., p. 257, sec. 1; act Jan. 26, 1927, vol. 44, p. 1033*)	$235,000.00	$235,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Clerical, administrative, and fiscal service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 14, $7,500 and over—						
Special executive officer	1	$5,000	1	$5,000	1	$5,000
Grade 11, $3,800 to $5,000; average, $4,400—						
Administrative officer	1	4,400	1	4,400	0.9	4,400
Grade 9, $3,000 to $3,600; average, $3,300—						
Senior administrative assistant	4	3,200	4	3,200	3.2	3,200
Grade 8, $2,700 to $3,300; average, $3,000—						
Administrative assistant	1	3,000	1	3,000	1	3,000
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant	4	2,650	4	2,650	4.3	2,696
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	7	2,357	7	2,357	6.7	2,351
Grade 5, $1,860 to $2,400; average, $2,100—						
Senior clerk	4	2,105	4	2,105	3.2	2,153
Senior clerk-stenographer	5	2,024	5	2,024	4.3	2,031
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	8	1,868	8	1,868	7.4	1,878
Clerk-stenographer	7	1,860	7	1,860	7.4	1,852
Head operator, office devices	1	2,040	1	2,040	1	2,040
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	30	1,620	30	1,620	23.8	1,631
Head typist	1	1,680	1	1,680	1	1,680
Senior stenographer	5	1,536	5	1,536	6	1,535
Assistant clerk-stenographer	5	1,572	5	1,572	4.1	1,631
Senior operator, office devices	5	1,716	5	1,716	4.3	1,722
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	20	1,473	20	1,473	15.4	1,500
Senior typist	1	1,500	1	1,500	1	1,488
Junior stenographer					2.8	1,347
Junior clerk-typist	1	1,320	1	1,320		
Junior operator, office devices	4	1,455	4	1,455	6	1,511
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	6	1,330	6	1,330	5.8	1,335
Grade 3, custodial, $1,020 to $1,260; average, $1,140—						
Messenger	12	1,140	12	1,140	11.9	1,141
Total average number of employees	133		133		122.5	
01 Total salaries, departmental service		235,000.00		235,000.00		217,391.77
Unobligated balance						2,608.23
Total		235,000.00		235,000.00		220,000.00

Salaries, Office of Comptroller of the Currency (National Currency, Reimbursable)— For personal services in the District of Columbia, in accordance with the classification act of 1923, in connection with Federal reserve and national currency, $48,960, to be reimbursed by the Federal reserve and national banks (*U. S. C., p. 257, sec. 10; act Jan. 26, 1927, vol. 44, p. 1033*) — 48,960.00 — 48,960.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Clerical, administrative, and fiscal service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant	1	$3,000	1	$3,000	1	$3,000
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	1	2,400	1	2,400	1.1	2,376
Grade 5, $1,860 to $2,400; average, $2,100—						
Senior clerk	1	2,300	1	2,300	1.2	2,212
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	1	1,860	1	1,860	1.8	1,834
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk					1.5	1,500
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	9	1,545	9	1,545	15	1,462
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	15	1,324	15	1,324	14.1	1,369

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), data of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries, Office of Comptroller of the Currency (National Currency, Reimbursable)—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service—Continued.						
Salaries—Continued.						
Custodial service—	*Average—*		*Average—*		*Average—*	
Grade 5, $1,320 to $1,680; average, $1,500—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Junior mechanic	1	$1,500	1	$1,500	0.8	$1,500
Grade 4, $1,140 to $1,500; average, $1,320—						
Undermechanic					0.2	1,320
Grade 3, $1,020 to $1,260; average, $1,140—						
Minor mechanic	1	1,140	1	1,140	1.7	1,082
Grade 2, $900 to $1,140; average, $1,020—						
Messenger	2	1,020	2	1,020		
Grade 2, 40 cents per hour—						
Minor domestic attendant	2	477	2	477	2	377
Total average number of employees	34		34		40.4	
01 Total salaries, departmental service		48,960.00		48,960.00		59,081.68
Unobligated balance						5,418.32
Total		48,960.00		48,960.00		64,500.00

Special Examinations of National Banks—
For special examinations of national banks and bank plates, keeping macerator in Treasury Building in repair, and for other incidental expenses attending the working of the macerator, and for procuring information relative to banks other than national (*act Jan. 26, 1927, vol. 44, p. 1033*) $1,500.00 $1,500.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
01 Personal services	$700.00	$700.00	$702.00
02 Sundry supplies	150.00	150.00	94.78
05 Telegraph services	50.00	50.00	34.05
12 Repairs and alterations	600.00	600.00	442.32
			1,273.15
Unobligated balance			226.85
Total	1,500.00	1,500.00	1,500.00

Special Fund—
Salaries and expenses, national-bank examiners (*U. S. C., p. 288, sec. 481*) 2,300,000.00 2,250,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
01 Personal services	$1,650,000.00	$1,610,000.00	$1,538,105.15
03 Subsistence and support of persons (service)	380,000.00	350,000.00	453,014.80
05 Travel expenses	200,000.00	190,000.00	226,519.50
13 Special and miscellaneous current expenses	70,000.00	100,000.00	73,769.03
Total	2,300,000.00	2,250,000.00	2,291,408.48

Total, office of Comptroller of the Curreney 2,585.460.00 2,535,460.00

BUREAU OF INTERNAL REVENUE

Salaries, Office of Commissioner of Internal Revenue (Reimbursable)—
[For one stamp agent, $1,860, to be reimbursed by the stamp manufacturers] (*act Jan. 26, 1927, vol. 44, p. 1033*) 1,860.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
Salary range, $1,680 to $2,040; average, $1,860—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
01 Stamp agent			1	$1,860	1	$1,860

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Collecting the Internal Revenue—		
For expenses of assessing and collecting the internal-revenue taxes, including the employment of a Commissioner of Internal Revenue at $10,000 per annum, a general counsel for the Bureau of Internal Revenue at $10,000 per annum, an assistant to the commissioner at $8,000 per annum, four assistant general counsel at $8,000 per annum each, a special deputy commissioner at $7,500 per annum, three deputy commissioners, *one stamp agent, to be reimbursed by the stamp manufacturers,* and the necessary officers, collectors, deputy collectors, [gaugers, storekeepers, storekeeper-gaugers,] attorneys, experts, agents, accountants, inspectors, clerks, janitors, and messengers in the District of Columbia, the several collection districts, and the several divisions of internal-revenue agents, to be appointed as provided by law, telegraph and telephone service, rental of quarters outside the District of Columbia, and not to exceed $51,500 for rental of quarters in the District of Columbia, postage, freight, express, necessary expenses incurred in making investigations in connection with the enrollment or disbarment of practitioners before the Treasury Department in internal-revenue matters, expenses of seizure and sale, [injuries to horses not exceeding $250 for any horse crippled or killed,] and other necessary miscellaneous expenses including stenographic reporting services, and the purchase of such supplies, equipment, furniture, mechanical devices, law books and books of reference, and such other articles as may be necessary for use in the District of Columbia, the several collection districts, and the several divisions of internal-revenue agents, [$33,600,000] *$32,815,000*, of which amount not to exceed [$9,000,000] *$8,463,100* may be expended for personal services in the District of Columbia: [*Provided*, That for purpose of concentration upon the initiation of the Commissioner of Internal Revenue and under regulations prescribed by him, distilled spirits may be removed from any internal-revenue bonded warehouse to any other such warehouse, and may be bottled in bond in any such warehouse before or after payment of the tax, and the commissioner shall prescribe the form and penal sums of bond covering distilled spirits in internal-revenue bonded warehouses, and in transit between such warehouses:] *Provided* [*further*], That no part of this amount shall be used in defraying the expenses of any officer, designated above, subpœnaed by the United States court to attend any trial before a United States court or preliminary examination before any United States commissioner, which expenses shall be paid from the appropriation for "Fees of witnesses, United States courts": *Provided further*, That not more than $100,000 of the total amount appropriated herein may be expended by the Commissioner of Internal Revenue for detecting and bringing to trial persons guilty of violating the internal-revenue laws or conniving at the same, including payments for information and detection of such violation: *Provided further, That whenever, during the fiscal year ending June 30, 1929, the Secretary of the Treasury shall find that the expenses of travel of officers and employees of the Internal Revenue Service while on official business can be reduced thereby, he may, in lieu of actual operating expenses, under such regulations as he may prescribe, authorize the payment of not to exceed 3 cents per mile for motor cycle or 7 cents per mile for an automobile used for necessary travel on official business (U. S. C., p. 723, secs. 1–7; p. 724, secs. 12, 14, 17–19; p. 726, sec. 32; p. 727, sec. 55; p. 1961, sec. 1a; act Jan. 26, 1927, vol. 44, p. 1033)*	$32,815,000.00	$33,600,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:	*Average—*		*Average—*		*Average—*	
Salaries—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Commissioner	1	$10,000	1	$10,000	1	$10,000
General counsel	1	10,000	1	10,000	1	10,000
Assistant to the commissioner	1	8,000	1	8,000	1	8,000
Assistant general counsel	4	8,000	4	8,000		
Special deputy commissioner	1	7,500	1	7,500	1	7,500
Professional and scientific service—						
Grade 6, $6,000 to $7,500; average, $6,750—						
Chief attorney	4	6,375	4	6,375	4	6,291
Grade 5, $5,200 to $6,000; average, $5,600—						
Senior engineer	6	5,300	6	5,300	6	5,367
Senior attorney	28	5,564	28	5,564	25	5,608
Grade 4, $3,800 to $5,000; average, $4,400—						
Engineer	73	4,293	73	4,293	75.5	4,277
Attorney	110	4,273	110	4,273	84	4,202
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate engineer	5	3,040	5	3,040	4	3,050
Associate attorney	43	3,328	43	3,328	35	3,403
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant engineer	1	2,600	1	2,600	1.7	2,824
Assistant attorney	27	2,693	27	2,693	21	2,700
Subprofessional service—						
Grade 5, $1,680 to $2,040; average, $1,860—						
Head nurse	2	1,830	2	1,830	2	1,830
Grade 4, $1,500 to $1,860; average, $1,680—						
Nurse	4	1,680	4	1,680	4	1,650

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Collecting the Internal Revenue—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service—Continued.						
Salaries—Continued.						
Clerical, administrative, and fiscal service—	*Average—*		*Average—*		*Average—*	
Grade 13, $6,000 to $7,500; average, $6,750—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Executive officer	4	$6,750	4	$6,750	3	$6,500
Grade 12, $5,200 to $6,000; average, $5,600—						
Senior administrative officer	10	5,580	10	5,580	10	5,560
Grade 11, $3,800 to $5,000; average, $4,400—						
Administrative officer	39	4,508	39	4,508	40	4,490
Assistant chief accountant and auditor	73	4,192	73	4,192	77	4,018
Assistant chief investigator	1	4,600	1	4,600	1	4,600
Grade 10, $3,300 to $3,900; average, $3,600—						
Junior administrative officer	18	3,728	18	3,728	19.8	3,710
Senior accountant and auditor	61	3,534	61	3,534	68.5	3,472
Senior investigator	1	3,900	1	3,900	1	3,900
Grade 9, $3,000 to $3,600; average, $3,300—						
Senior administrative assistant	29	3,407	29	3,407	30	3,370
Accountant and auditor	236	3,237	236	3,237	243	3,169
Grade 8, $2,700 to $3,300; average, $3,000—						
Administrative assistant	26	2,988	26	2,988	28.5	2,995
Associate accountant and auditor	53	2,977	53	2,977	70	2,961
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant	57	2,742	57	2,742	58	2,736
Assistant accountant and auditor	254	2,667	254	2,667	275.8	2,661
Assistant investigator	2	2,600	2	2,600	1	2,800
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	32	2,428	32	2,428	35	2,509
Principal accounting and auditing assistant	184	2,364	184	2,364	205.9	2,319
Principal clerk-stenographer	5	2,640	5	2,640	4	2,600
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	84	2,174	84	2,174	91	2,160
Senior clerk-stenographer	19	2,284	19	2,284	14	2,279
Senior accounting and auditing assistant	143	2,010	143	2,010	153	2,018
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	198	1,843	198	1,843	241.5	1,922
Clerk-stenographer	35	1,920	35	1,920	32	1,933
Accounting and auditing assistant	23	1,936	23	1,936	75.4	1,807
Principal stenographer	14	1,899	14	1,899	8	1,920
Head operator, office devices	7	1,783	7	1,783	6.5	1,791
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	404	1,681	404	1,681	444.7	1,675
Senior stenographer	201	1,666	201	1,666	207	1,666
Assistant clerk-stenographer	50	1,752	50	1,752	53	1,748
Senior operator, office devices	41	1,671	41	1,671	43	1,630
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	633	1,518	633	1,518	732.5	1,507
Senior typist	92	1,481	92	1,481	99.7	1,484
Junior stenographer	106	1,430	106	1,430	112.5	1,430
Junior clerk-stenographer	7	1,483	7	1,483	7	1,483
Junior operator, office devices	28	1,517	28	1,517	29.5	1,579
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	63	1,402	63	1,402	110.9	1,387
Junior typist	60	1,222	60	1,222	92.8	1,259
Underclerk-typist	3	1,380	3	1,380	3	1,380
Underoperator, office devices	14	1,311	14	1,311	14.7	1,326
Custodial service—						
Grade 7, $1,680 to $2,040; average, $1,860—						
Senior mechanic	1	1,860	1	1,860		
Grade 6, $1,500 to $1,860; average, $1,680—						
Mechanic	1	1,860	1	1,860	2	1,860
Grade 4, $1,140 to $1,500; average, $1,320—						
Head messenger	8	1,350	8	1,350	9	1,367
Assistant foreman of laborers	1	1,140	1	1,140	1	1,140
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger	101	1,149	101	1,149	115.2	1,145
Senior laborer	11	1,129	11	1,129	14	1,144
Grade 3, $900 to $1,140; average, $1,020—						
Assistant messenger	1	900	1	900	1	1,020
Junior laborer	7	926	7	926	8	1,058
Grade 1, $600 to $780; average, $690—						
Junior messenger					1	600
Total average number of employees	3,752		3,752		4,160.6	
Total salaries, departmental service	8,463,100.00		8,463,100.00		9,054,821.36	
Field service:						
Salaries and wages—						
Salary range, $6,000 to $7,500; average, $6,750—						
Collector of internal revenue	7	6,000	7	6,000	7	6,000
Attorney	1	7,500	1	7,500	1	7,500
Salary range, $5,200 to $6,000; average, $5,600—						
Collector of internal revenue	48	5,875	48	5,875	48	5,875
Internal-revenue agent in charge	12	5,633	12	5,633	12	5,633
Salary range, $3,800 to $5,000; average, $4,400—						
Collector of internal revenue	9	4,889	9	4,889	9	4,889
Deputy collector (office)	16	3,863	16	3,863	14.9	3,857
Deputy collector (field)	4	3,900	4	3,900	4	3,850
Internal-revenue agent in charge	24	4,717	24	4,717	24	4,717
Internal-revenue agent	365	3,980	365	3,980	325	3,923
Estate-tax agent	26	3,992	26	3,992	25.7	3,940
Engineer revenue agent	15	4,227	15	4,227	15	4,227
Auditor	1	4,600	1	4,600	1	4,600
Intelligence agent	16	4,450	16	4,450	19	4,495
Supervisor of accounts and collections	12	4,783	12	4,783	12	4,517
Clerk	7	4,000	7	4,000	7	4,000

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Collecting the Internal Revenue—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service—Continued.						
Salaries and wages—Continued.	*Average—*		*Average—*		*Average—*	
Salary range, $3,300 to $3,900; average, $3,600—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Deputy collector (office)	26	$3,615	26	$3,615	38.5	$3,539
Deputy collector (field)	19	3,647	19	3,647	50.4	3,462
Internal-revenue agent	3	3,900	3	3,900	2	3,900
Intelligence agent	14	3,536	14	3,536	14	3,511
Supervisor of accounts and collections	18	3,678	18	3,678	22	3,645
Clerk	12	3,725	12	3,725	16	3,606
Salary range, $3,000 to $3,600; average, $3,300—						
Deputy collector (office)	46	3,233	46	3,233	47.7	3,238
Deputy collector (field)	36	3,381	36	3,381	39	3,374
Internal-revenue agent	919	3,240	919	3,240	825.5	3,225
Estate-tax agent	149	3,284	150	3,283	140.7	3,284
Intelligence agent	20	3,190	20	3,190	20	3,200
Supervisor of accounts and collections	2	3,050	2	3,050	4	3,000
Internal-revenue agent (sales and miscellaneous taxes)	4	3,225	4	3,225	4	3,225
Auditor	1	3,000	1	3,000	1	3,000
Clerk	28	3,175	28	3,175	31	3,077
Salary range, $2,700 to $3,300; average, $3,000—						
Deputy collector (office)	64	2,834	64	2,834	70	2,780
Deputy collector (field)	14	3,057	14	3,057	11	3,073
Intelligence agent	15	2,887	15	2,887	17	2,918
Internal-revenue agent (sales and miscellaneous taxes)	4	2,875	6	2,983	23	2,887
Clerk	56	2,829	56	2,829	57.9	2,835
Salary range, $2,400 to $3,000; average, $2,700—						
Deputy collector (office)	42	2,636	42	2,636	48	2,542
Deputy collector (field)	19	2,700	19	2,700	39.5	2,571
Internal-revenue agent	967	2,692	967	2,692	925.6	2,713
Estate-tax agent	31	2,645	38	2,700	39.5	2,704
Intelligence agent	24	2,454	24	2,454	24.9	2,473
Internal-revenue agent (sales and miscellaneous taxes)	6	2,750	11	2,745	27	2,607
Auditor	26	2,623	26	2,623	12	2,508
Clerk	32	2,613	32	2,613	38.5	2,575
Salary range, $2,100 to $2,700; average, $2,400—						
Deputy collector (office)	66	2,365	66	2,365	69	2,367
Deputy collector (field)	335	2,335	335	2,335	345.1	2,336
Internal-revenue agent	568	2,184	568	2,184	507.5	2,261
Auditor	45	2,278	45	2,278	20	2,231
Clerk	40	2,475	40	2,475	41	2,415
Salary range, $1,860 to $2,400; average, $2,111.42—						
Deputy collector (office)	198	2,122	198	2,122	201.7	2,119
Deputy collector (field)	473	2,055	473	2,055	479.5	2,056
Auditor	39	1,996	39	1,996	13	1,974
Clerk	163	2,184	163	2,184	162	2,152
Salary range, $1,680 to $2,040; average, $1,860—						
Deputy collector (office)	316	1,839	316	1,839	360.1	1,821
Deputy collector (field)	813	1,854	867	1,853	1,122.4	1,838
Storekeeper-gauger and gauger			237	1,819	253	1,704
Clerk	278	1,883	278	1,883	299	1,874
Stamp agent	1	1,860				
Salary range, $1,500 to $1,860; average, $1,680—						
Deputy collector (office)	555	1,638	555	1,638	564.1	1,626
Clerk	554	1,706	554	1,706	599.5	1,685
Salary range, $1,320 to $1,680; average, $1,500—						
Deputy collector (office)	770	1,465	770	1,465	922.8	1,444
Clerk	632	1,483	632	1,483	618.5	1,497
Salary range, $1,140 to $1,500; average, $1,320—						
Deputy collector (office)	187	1,315	187	1,315	266.7	1,282
Clerk	23	1,383	23	1,383	32	1,369
Watchman	1	1,320	1	1,320	1	1,320
Salary range, $1,020 to $1,260; average, $1,140—						
Deputy collector (office)	2	1,200	2	1,200	2	1,200
Messenger	8	1,148	8	1,148	9	1,213
Janitor	1	1,020	1	1,020	1	1,020
Salary range, $900 to $1,140; average, $1,020—						
Deputy collector (office)	1	1,140	1	1,140	2	1,020
Messenger	3	1,000	3	1,000	3	1,000
Salary range, $600 to $780; average, $690—						
Deputy collector (office)	2	660	2	660	2	600
Total average number of employees	9,234		9,539		9,821.2	
Total salaries and wages, field service	21,210,600.00		21,782,700.00		21,875,796.17	
The difference between 1929 and 1928 is due to—						
Elimination from 1929 estimate of 237 storekeeper-gaugers and gaugers, which employees are included in estimate of appropriation for "Enforcement of narcotic and national prohibition acts"; total salaries of these employees	$431,000					
Reduction of 69 field employees with total annual salaries amounting to	142,960					
	573,960					
Increase of one stamp agent formerly appropriated for under appropriation title "Salaries, office of Commissioner of Internal Revenue (reimbursable)"; annual salary	1,860					
Net decrease	572,100					
0132 Witness fees		25,000.00		25,000.00		40,210.58
0150 Special and miscellaneous payments for personal services		52,000.00		52,000.00		73,158.60
Temporary labor		110,000.00		125,000.00		126,668.41
01 Total personal services		29,860,700.00		30,447,800.00		31,170,655.12

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Collecting the Internal Revenue—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Supplies and materials:			
0200	Office supplies	$22,800.00	$22,800.00	$24,872.64
0220	Scientific and educational supplies	7,900.00	7,900.00	7,949.87
0230	Fuel	1,600.00	1,600.00	1,662.64
0280	Sundry supplies	4,800.00	4,800.00	4,882.87
02	Total supplies and materials	37,100.00	37,100.00	39,368.02
04	Subsistence and care of animals, and storage and care of vehicles (service)	200.00	200.00	210.03
	Communication service:			
0500	Telegraph service	11,100.00	11,100.00	11,162.06
0510	Telephone service	117,700.00	117,700.00	117,721.80
0520	Other communication service	22,000.00	22,000.00	22,008.68
05	Total communication service	150,800.00	150,800.00	150,892.54
06	Travel expenses	1,987,100.00	2,014,000.00	2,014,015.76
07	Transportation of things (service)	14,200.00	14,400.00	14,715.04
08	Stenographic work, typewriting, and duplicating work (job work)	10,000.00	10,000.00	4,960.38
09	Advertising and publication of notices (service)	450.00	450.00	466.10
10	Furnishing of heat, light, power, water, etc. (service)	6,850.00	6,850.00	6,870.53
	Rents:			
1100	Rent of buildings and structures	504,000.00	504,000.00	412,946.05
1110	Other rents	24,900.00	24,900.00	24,915.95
11	Total rents	528,900.00	528,900.00	437,862.00
12	Repairs and alterations	21,000.00	21,800.00	21,849.97
	Special and miscellaneous current expenses:			
1350	Storage of goods not incident to transportation	700.00	700.00	710.82
1373	Laundry and towel service	2,100.00	2,100.00	2,099.07
1380	Special and miscellaneous expenses not elsewhere classified	10,500.00	10,500.00	10,568.08
13	Total special and miscellaneous current expenses	13,300.00	13,300.00	13,377.97
	Equipment:			
3010	Furniture, furnishings, and fixtures (includes mechanical equipment)	183,000.00	183,000.00	183,142.15
3050	Other equipment	1,400.00	1,400.00	2,595.10
30	Total equipment	184,400.00	184,400.00	185,737.25
				34,060,980.71
	Unobligated balance			1,109,019.29
	Reserve		170,000.00	
	Total	32,815,000.00	33,600,000.00	35,170,000.00

Refunding Taxes Illegally Collected—

For refunding taxes illegally collected under the provisions of sections 3220 and 3689, Revised Statutes, as amended by the revenue acts of 1918, 1921, 1924, and 1926, including the payment of claims for the fiscal year [1928] *1929* and prior years, [$175,000,000] *$135,000,000*, [to remain available until June 30, 1928]: *Provided*, That no part of this appropriation shall be available for paying any claim allowed in excess of $75,000 until after the expiration of sixty days from the date upon which a report giving the name of the person to whom the refund is to be made, the amount of the refund, and a summary of the facts and the decision of the Commissioner of Internal Revenue is submitted to the Joint Committee on Internal Revenue Taxation: *Provided further*, That a report shall be made to Congress of the disbursements hereunder as required by such acts, including the names of all persons and corporations to whom payments are made together with the amount paid to each: *Provided further*, That no part of this appropriation shall be available to refund any amount paid by or collected from any manufacturer, producer, or importer in respect of the tax imposed by subdivision (3) of section 600 of the revenue act of 1924, or subdivision (3) of section 900 of the revenue act of 1921 or of the revenue act of 1918, unless the Commissioner of Internal Revenue certifies to the proper disbursing officer that such manufacturer, producer, or importer has filed with the commissioner, under regulations prescribed by the commissioner with the approval of the Secretary of the Treasury, a bond in such sum and with such sureties as the commissioner deems necessary, conditioned upon the immediate repayment to the United States of such portion of the amount refunded as is not distributed by such manufacturer, producer, or importer, within six months after the date of the payment of the refund, to the persons who purchased for purposes of con-

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Refunding Taxes Illegally Collected—Continued.		
sumption (whether from such manufacturer, producer, importer, or from any other person) the articles in respect of which the refund is made, as evidenced by the affidavits (in such form and containing such statements as the commissioner may prescribe) of such purchasers, and that such bond, in the case of a claim allowed after the passage of this act, was filed before the allowance of the claim by the commissioner (*U. S. C., p. 737, sec. 153; p. 1014, sec. 602; p. 1963, secs. 149, 153; p. 1964, sec. 157; p. 2003, sec. 1065; p. 2015, sec. 1120; p. 2032, sec. 284; acts Nov. 23, 1921, vol. 42, p. 316, sec. 1324a; Feb. 28, 1927, vol. 44, p. 1254*)	$135,000,000.00	[1]
Indefinite appropriations:		
Allowance or Drawback (Internal Revenue)—		
Indefinite appropriation to pay allowance or drawback on articles on which any internal duty or tax shall have been paid when said articles are exported (*U. S. C., p. 795, sec. 788; p. 802, sec. 852*)	[2] 150,000.00	$150,000.00
Redemption of Stamps (Internal Revenue)—		
Indefinite appropriation of such sum of money as may be necessary to repay the amount or value paid for internal-revenue stamps which may have been spoiled, destroyed, or rendered useless or unfit for the purpose intended, or which, through mistake, may have been improperly or unnecessarily used (*U. S. C., p. 843, sec. 1174; p. 1021, sec. 711*)	700,000.00	1,000,000.00
Repayment of Taxes Erroneously Collected under Act of June 13, 1898—		
Indefinite appropriation to refund any internal-revenue taxes erroneously or illegally assessed and collected under the provisions of the war-revenue act of June 13, 1898, the claims for which may be presented to the Commissioner of Internal Revenue on or before January 1, 1914 (*act July 27, 1912, vol. 37, p. 240, secs. 1, 2*)	5,000.00	5,000.00
Refunding Moneys Erroneously Received and Covered (Internal Revenue)—		
Indefinite appropriation to refund moneys received and covered into the Treasury before the payment of legal and just charges against the same (*U. S. C., p. 1021, sec. 711*)	500.00	
Special funds:		
Philippine Special Fund (Internal Revenue)—		
That * * * all duties and taxes collected in the United States upon articles coming from the Philippine Archipelago and upon foreign vessels coming therefrom shall not be covered into the general fund of the Treasury of the United States, but shall be held as a separate fund and paid into the treasury of the Philippine Islands, to be used and expended for the government and benefit of said islands (*act Mar. 8, 1902, vol. 32, p. 54, sec. 4*).		
That there shall be levied, collected, and paid in the United States, upon articles, goods, wares, or merchandise coming into the United States from the Philippine Islands a tax equal to the internal-revenue tax imposed in the United States upon like articles, goods, wares, or merchandise of domestic manufacture * * *: *And provided further*, That from and after the passage of this act all internal revenues collected in or for account of the Philippine Islands shall accrue intact to the general government thereof and be paid into the insular treasury (*U. S. C., p. 842, secs. 1166, 1167*)	400,000.00	800,000.00
Porto Rico Special Fund (Internal Revenue)—		
That hereafter all taxes collected under the internal-revenue laws of the United States on articles produced in Porto Rico and transported to the United States or consumed in the island shall be covered into the treasury of Porto Rico (*U. S. C., p. 842, sec. 1164c*)	1,000.00	5,000.00
Additional Income Tax on Railroads in Alaska—		
That in addition to the normal income tax of 1 per centum on net income there shall be levied and collected 1 per centum on the gross annual income of all railroad corporations doing business in Alaska, on business done in Alaska. * * * which tax when collected shall be paid to the treasurer of Alaska and be applicable to general Territorial purposes * * * (*U. S. C., p. 1584, sec. 309*)	15,000.00	20,000.00

[1] The amount appropriated for refunding internal-revenue taxes in the deficiency act of February 28, 1927, was $175,000,000.

[2] Covers drawback claims to be allowed and paid on tobacco, snuff, cigars, and cigarettes exclusively; estimate for payment of drawback claims to be allowed on alcohol and spirits shown under Bureau of Prohibition.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Additional Income Tax on Railroads in Alaska—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Refund of taxes and duties, not specified:			
Annual appropriations—			
Refunding taxes illegally collected	$135,000,000.00	$150,000,000.00	$103,858,687.78
Indefinite appropriations—			
Allowance or drawback (internal revenue)	[1] 150,000.00	[1] 150,000.00	[1] 153,283.87
Redemption of stamps (internal revenue)	700,000.00	750,000.00	836,474.13
Repayment of taxes erroneously collected under act of June 13, 1898	5,000.00	5,000.00	11,727.03
Refunding moneys erroneously received and covered (internal revenue)	500.00	500.00	410.79
Special funds:			
Philippine special fund (internal revenue)	400,000.00	400,000.00	[2] 380,882.83
Porto Rico special fund (internal revenue)	1,000.00	1,000.00	
Additional income tax on railroads in Alaska	15,000.00	15,000.00	[2] 18,827.34
5310 Total refunds	136,271,500.00	151,321,500.00	105,260,293.77

[1] Covers drawback claims on tobacco, snuff, cigars, and cigarettes exclusively.
[2] Represents collections.

Total, Internal Revenue Service	$169,086,500.00	$35,581,860.00

BUREAU OF PROHIBITION

Enforcement of Narcotics and National Prohibition Acts—

For expenses to enforce the provisions of the national prohibition act and the act entitled "An act to provide for the registration of, with collectors of internal revenue, and to impose a special tax upon, all persons who produce, import, manufacture, compound, deal in, dispense, sell, distribute, or give away opium or coca leaves, their salts, derivatives, or preparations, and for other purposes," approved December 17, 1914, as amended by the revenue act of 1918 and the act entitled "An act to amend an act entitled 'An act to prohibit the importation and use of opium for other than medicinal purposes,' approved February 9, 1909," as amended by the act of May 26, 1922, known as "The narcotic drugs import and export act," including the employment of executive officers, agents, inspectors, chemists, assistant chemists, supervisors, clerks, and messengers in the field and in the Bureau of [Internal Revenue] *Prohibition* in the District of Columbia, to be appointed as authorized by law; not to exceed $50,000 for the collection and dissemination of information on law enforcement, including the necessary printing in connection therewith; the securing of evidence of violations of the acts; the purchase of such supplies, equipment, mechanical devices, laboratory supplies, books, and such other expenditures as may be necessary in the District of Columbia and the several field offices; hire, maintenance, repair, and operation of motor-propelled or horse-drawn passenger-carrying vehicles when necessary; and for rental of necessary quarters; in all, [$13,320,405] *$12,729,140*, of which amount not to exceed [$590,000] *$658,320* may be expended for personal services in the District of Columbia: *Provided*, That not to exceed [$1,329,440] *$1,350,440* of the foregoing sum shall be expended for enforcement of the provisions of the said acts of December 17, 1914, and May 26, 1922, and the Secretary of the Treasury may authorize the use, by narcotic agents, of motor vehicles confiscated under the provisions of the act of March 3, 1925, and pay the maintenance, repair, and operation thereof from this allotment: *Provided further*, That no money herein appropriated for the enforcement of the national prohibition act, the customs laws, or internal revenue laws, shall be used to pay storage in any private warehouse of intoxicating liquors or other property in connection therewith seized pursuant to said acts and necessary to be stored, where there is available for that purpose space in a Government warehouse or other suitable Government property in the judicial district wherein such property was seized, or in an adjacent judicial district, and when such seized property is stored in an adjacent district the jurisdiction over such property in the district wherein it was seized shall not be affected thereby (*U. S. C., p. 785, sec. 692; p. 853, title 27; act Mar. 3, 1927, vol. 44, p. 1381*) 12,729,140.00 13,320,405.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Enforcement of Narcotics and National Prohibition Acts—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 5, $5,200 to $6,000; average, $5,600—						
Senior attorney (chief counsel)	1	$6,000	1	$6,000	1	$6,000
Senior scientist (head of division)	1	5,200	1	5,200	1	5,200
Grade 4, $3,800 to $5,000; average, $4,400—						
Attorney (assistant head of division)	1	5,000	1	5,000	0.4	5,000
Scientist (assistant head of division)	1	4,200	1	4,200	1	3,800
Scientist (chemist in charge)	1	4,200	1	4,200	1	3,833
Medical officer	1	4,000	1	4,000	1	4,000
Attorney	2	4,300	2	4,300	2.8	4,382
Scientist (chemist)	2	3,900	2	3,900	3	4,000
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate attorney (chief of section)	1	3,000	1	3,000	1	3,000
Associate scientist (chemist)	5	3,080	5	3,080	4	3,033
Associate attorney	4	3,000	4	3,000	2.3	3,000
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant attorney	6	2,416	6	2,416	5.5	2,418
Assistant scientist (chemist)	2	2,600	2	2,600	4.8	2,498
Subprofessional service—						
Grade 5, $1,680 to $2,040; average, $1,860—						
Library assistant	1	2,040	1	2,040	1	2,040
Grade 4, $1,500 to $1,860; average, $1,680—						
Assistant laboratorian	1	1,500	1	1,500	1	1,500
Clerical, administrative, and fiscal service—						
Grade 14, $7,500 and over—						
Special executive officer (commissioner of prohibition)	1	8,000	1	8,000	0.2	8,000
Grade 13, $6,000 to $7,500; average, $6,750—						
Executive officer (Prohibition Commissioner)					0.2	6,000
Executive officer (Director of Prohibition)					0.8	6,500
Executive officer (assistant commissioner)			0.1	6,000	0.1	6,000
Executive officer (assistant commissioner)	1	6,500	0.9	6,500		
Executive officer (deputy commissioner)			0.1	6,000	0.1	6,000
Grade 12, $5,200 to $6,000; average, $5,600—						
Senior administrative officer (deputy commissioner)	1	6,000	0.9	6,000	0.2	6,000
Senior administrative officer (assistant to commissioner)			0.1	6,000	0.1	6,000
Senior administrative officer (deputy commissioner, narcotics)	1	5,800	1	5,800	0.3	5,800
Senior administrative officer (head of division)					0.8	5,733
Grade 11, $3,800 to $5,000; average, $4,400—						
Administrative officer (assistant deputy commissioner, narcotics)	1	4,200	1	4,200	0.3	4,200
Administrative officer (assistant head of division)					0.8	4,022
Administrative officer (chief clerk)	1	4,000	1	4,000		
Grade 10, $3,300 to $3,900; average, $3,600—						
Junior administrative officer (head of division)					0.9	3,900
Grade 9, $3,000 to $3,600; average, $3,300—						
Senior administrative assistant					0.9	3,600
Senior administrative assistant (head of section)					0.3	3,000
Investigator					0.8	3,600
Grade 8, $2,700 to $3,300; average, $3,000—						
Administrative assistant (chief of section)	1	3,000	1	3,000	1	3,000
Administrative assistant (chief of subsection)					0.3	3,000
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant (chief of section)	5	2,880	4.9	2,876	4.2	2,886
Junior administrative assistant (assistant head of division)					0.8	3,000
Junior administrative assistant (secretary to commissioner)	1	2,400	1	2,400		
Junior administrative assistant					0.6	2,530
Junior administrative assistant (assistant chief of section)	2	2,550	1.9	2,536	0.8	2,400
Junior administrative assistant (subsection chief)	1	3,000	1	3,000		
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk (chief of section)					1.2	2,500
Principal clerk (assistant chief of section)	2	2,200	2	2,200	1.1	2,285
Principal clerk (subsection chief)	1	2,100	1	2,100		
Principal clerk	8	2,162	8	2,162	5.1	2,100
Grade 5, $1,860 to $2,400; average, $2,100—						
Senior clerk (section chief)	1	1,860	1	1,860	2.9	2,086
Senior clerk (assistant chief of section)	2	1,980	2	1,980	2.8	2,182
Senior clerk (subsection chief)	1	1,860	1	1,860		
Senior clerk	14	2,106	14	2,106	13.1	2,109
Senior clerk-stenographer	1	2,100	1	2,100	3.2	1,936
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	57	1,878	57	1,878	49.2	1,904
Clerk-stenographer (secretary)	6	1,800	6	1,800	6.3	1,805
Principal stenographer	2	1,770	2	1,770	2.2	1,957
Clerk (section chief)	1	2,040	1	2,040		
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	50	1,646	49.9	1,647	47.7	1,643
Senior stenographer	14	1,702	14	1,702	13.2	1,683
Assistant clerk-stenographer	15	1,592	15	1,592	14.9	1,604
Assistant office draftsman	1	1,500	1	1,500	1.9	1,586
Senior operator, office devices	1	1,500	1	1,500	0.5	1,590
Head typist					0.1	1,500

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Enforcement of Narcotics and National Prohibition Acts—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service—Continued.						
Salaries—Continued.						
Clerical, administrative and fiscal service—Contd.	*Average—*		*Average—*		*Average—*	
Grade 2, $1,320 to $1,680; average, $1,500—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Junior clerk	42	$1,550	42	$1,550	41	$1,535
Junior stenographer	27	1,358	27.4	1,357	19	1,363
Senior typist	4	1,440	4	1,440	2.7	1,500
Junior clerk-typist	9	1,487	9	1,487	6.9	1,526
Junior operator, office devices	13	1,514	13	1,514	10.7	1,504
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	14	1,333	14	1,333	11.4	1,327
Junior typist	2	1,140	2	1,140	0.9	1,152
Underoperator, office devices	1	1,140	1	1,140	0.3	1,140
Custodial service—						
Grade 4, $1,140 to $1,500; average, $1,320—						
Head messenger	1	1,380	1	1,380	1	1,360
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger	11	1,152	11	1,152	12.7	1,134
Senior laborer					2	1,080
Grade 2, $900 to $1,140; average, $1,020—						
Junior laborer	1	1,080	1	1,080		
Total average number of employees	348		348.2		319.3	
Total salaries, departmental service		658,320.00		658,253.00		603,569.76
Field service:						
Salaries and wages—						
Salary range, $6,000 to $7,500; average, $6,750—						
Prohibition commissioner					0.8	7,500
Zone supervisor	1	6,500	0.9	6,500		
Salary range, $5,200 to $6,000; average, $5,600—						
Zone supervisor			1.3	5,450	2.2	5,261
Chief, special agents	1	6,000	1	6,000	0.1	6,000
Supervisor of wine control	1	5,600	1	5,600	0.3	5,600
Supervisor of alcohol and brewery control					1.1	5,815
Prohibition administrator	21	5,676	20	5,680	14.3	5,766
Assistant administrator in charge of permissive work	2	5,300	2	5,300	1.9	5,426
Assistant administrator in charge of enforcement work	2	5,400	2	5,400		
Prohibition investigator and special agent					1.4	4,588
Attorney	2	5,600	4	5,600	7.3	5,430
Salary range, $3,800 to $5,000; average, $4,400—						
Prohibition administrator	4	4,550	4	4,550	6.7	4,767
Supervisor of wine control					0.8	5,200
Assistant administrator in charge of permissive work	13	4,207	12	4,158	12.9	4,157
Assistant administrator in charge of enforcement work	9	4,267	8	4,200	9.6	4,310
Deputy administrator	11	4,273	11	4,273	9.9	4,244
Prohibition investigator and special agent	14	4,086	14	4,086	9.2	4,089
Attorney	10	4,619	19	4,368	15.1	4,332
Zone supervisor					1	5,000
Narcotic agent in charge	15	4,333	15	4,333	14.7	4,000
Field office inspector					0.9	3,800
Prohibition agent and inspector	2	4,000	1.9	4,000	10.4	3,956
Salary range, $3,300 to $3,900; average, $3,600—						
Assistant administrator in charge of permissive work	6	3,600	6	3,600	6.9	3,551
Assistant administrator in charge of enforcement work	8	3,663	8	3,663	7.6	3,598
Deputy administrator	23	3,639	23	3,639	22.3	3,598
Zone supervisor					0.3	3,600
Investigator and special agent	11	3,573	11	3,573	8.9	3,539
Attorney	7	3,543	7	3,543	5.7	3,469
Field office inspector	2	3,900	2	3,900	1.3	3,900
Assistant head, special agent	1	3,600	0.9	3,600		
Prohibition agent and inspector	6	3,550	6	3,550	12	3,720
Chief clerk	1	3,400	1	3,400	0.7	3,325
Salary range, $3,000 to $3,600; average, $3,300—						
Assistant administrator in charge of permissive work					0.3	3,200
Assistant administrator in charge of enforcement work	2	3,000	2	3,000	1	3,125
Deputy administrator	17	3,206	17	3,206	16.2	3,174
Investigator and special agent	27	3,156	26.9	3,156	18.6	3,120
Attorney	20	3,165	20	3,165	21.6	3,111
Field office inspector	4	3,225	4	3,225	3.7	3,218
Associate field office inspector	1	3,300	1	3,300		
Associate field accountant	2	3,000	2	3,000	0.3	3,000
Alcohol and brewery inspector					2.1	3,000
Pharmacist					1	3,000
Chemist	18	3,172	18	3,172	16.4	3,155
Prohibition agent and inspector	56	3,138	56	3,138	63.2	3,127
Assistant narcotic agent in charge	2	3,250	2	3,250		
Narcotic agent and inspector	6	3,133	6	3,133	8.7	3,105
Junior administrative officer	1	3,600	1	3,600		
Chief clerk	2	3,300	2	3,300	2.9	3,018
Law clerk	1	3,000	1	3,000	1.5	3,000
Clerk	1	3,400	1	3,400	1	3,217
Salary range, $2,700 to $3,300; average, $3,000—						
Assistant administrator in charge of permissive work	1	2,800	1	2,800	0.3	2,800
Assistant administrator in charge of enforcement work	1	2,800	1	2,800	0.4	2,800

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

Enforcement of Narcotics and National Prohibition Acts—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927		Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
	Average—		*Average—*		*Average—*			
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*		
Field service—Continued.								
Salaries and wages—Continued.								
Salary range, $2,700 to $3,300; average, $3,000—Con.								
Deputy administrator	1	$2,800	1	$2,800	1	$2,750		
Investigator and special agent	8	2,775	8	2,775	5.4	2,835		
Alcohol and brewery inspector					0.4	2,700		
Attorney	5	2,920	5	2,920	4.6	2,833		
Prohibition agent and inspector	36	2,831	36	2,831	33	2,798		
Chief clerk	1	3,300	1	3,300	0.4	2,980		
Law clerk	1	3,300	1	3,300	0.2	3,300		
Clerk	2	3,000	2	3,000	0.2	3,100		
Salary range, $2,400 to $3,000; average, $2,700—								
Deputy administrator	3	2,500	3	2,500	0.9	2,530		
Assistant administrator in charge of permissive work					0.6	2,400		
Investigator and special agent	83	2,525	83	2,525	41.3	2,475		
Alcohol and brewery inspector			0.3	2,567	48.3	2,471		
Attorney	21	2,690	21	2,690	16	2,551		
Chemist	9	2,543	8	2,537	5.3	2,605		
Pharmacist	8	2,450	8	2,450	6.3	2,464		
Narcotic agent and inspector	72	2,633	72	2,633	71.8	2,593		
Prohibition agent and inspector	368	2,542	368	2,542	330.3	2,602		
Chief clerk	4	2,500	4	2,500	4.3	2,646		
Law clerk	1	2,600	1	2,600	3.4	2,632		
Clerk	6	2,550	6	2,550	4.6	2,527		
Crypt analyst					0.1	2,400		
Salary range, $2,100 to $2,700; average, $2,400—								
Deputy administrator					0.7	2,100		
Investigator and special agent	3	2,233	3	2,233	0.2	2,400		
Attorney	4	2,400	3.4	2,400	2.2	2,392		
Alcohol and brewery inspector					8	2,432		
Chemist	13	2,169	13	2,169	12.3	2,197		
Pharmacist	31	2,194	31	2,194	27	2,191		
Prohibition agent and inspector	420	2,227	420	2,227	352.6	2,186		
Chief clerk	1	2,500	1	2,500				
Law clerk	1	2,600	1	2,600	1.3	2,147		
Clerk	9	2,456	9	2,456	5.7	2,424		
Narcotic agent and inspector	183	2,192	183	2,192	197.3	2,126		
Salary range, $1,860 to $2,400; average, $2,100—								
Deputy administrator					0.3	2,100		
Assistant administrator in charge of enforcement work					0.3	2,100		
Investigator	6	2,113	6	2,113	0.6	1,937		
Alcohol and brewery inspector					1.1	2,269		
Attorney	3	2,267	3	2,267	2.6	2,258		
Chemist	4	2,100	4	2,100	3	2,100		
Pharmacist					0.1	1,860		
Prohibition agent and inspector	593	2,146	890	2,026	856.5	1,994		
Law clerk	4	2,165	4	2,165	5.9	2,173		
Chief clerk					1	2,192		
Clerk	42	2,118	42	2,118	27.3	2,113		
Salary range, $1,680 to $2,040; average, $1,860—								
Prohibition agent and inspector	187	1,818	161	1,803	213.9	1,795		
Law clerk	1	1,860	1	1,860	2.3	1,963		
Clerk	121	1,898	83	1,911	74.3	1,891		
Warehouse agent	35	1,800	35	1,800	38	1,727		
Storekeeper-gauger	229	1,853						
Salary range, $1,500 to $1,860; average, $1,680—								
Prohibition agent and inspector	4	1,680	4	1,680	6.3	1,615		
Warehouse agent					0.6	1,740		
Clerk	204	1,666	251	1,712	278.2	1,641		
Custodian	1	1,800	1	1,800				
Salary range, $1,320 to $1,680; average, $1,500—								
Prohibition agent and inspector	11	1,522	11	1,522	2.3	1,507		
Clerk	418	1,440	462	1,447	444.5	1,429		
Messenger	1	1,320	1	1,320				
Laborer	2	1,410	2	1,410				
Salary range, $1,140 to $1,500; average, $1,320—								
Prohibition agent and inspector	5	1,152	5	1,152	0.3	1,160		
Clerk	183	1,273	183	1,273	188.3	1,251		
Warehouse agent	60	1,443	58	1,409	64.4	1,400		
Matron	1	1,140	1	1,140				
Messenger	3	1,320	3	1,320	6.9	1,245		
Laborer	7	1,277	7	1,277				
Custodian					0.2	1,140		
Salary range, $1,020 to $1,260; average, $1,140—								
Messenger	6	1,190	6	1,190				
Laborer	5	1,164	5	1,164	1.2	1,320		
Salary range, $900 to $1,140; average, $1,020—								
Messenger	8	937	8	937	5.1	963		
Laborer	2	1,080	2	1,080				
Matron					0.5	1,140		
Clerk					3.3	1,034		
Salary range, $600 to $780; average, $690—								
Messenger	3	640	3	640	3.9	684		
Total average number of employees	3,778		3,878.6		3,764.4			
Total salaries, field service		8,142,450.00		8,314,535.00		7,942,864.16		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Enforcement of Narcotics and National Prohibition Acts—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Field service—Continued.			
	Salaries and wages—Continued.			
	The difference between 1929 and 1928 is due to—			
	Decrease in force—			
	315 agents transferred to customs $567,000			
	Eight attorneys and eight clerks to Department of Justice 60,000			
	Reduction of 60 clerks 90,000			
	$717,000			
	Increase in force—			
	64 deputy collectors and clerks transferred from the Bureau of Internal Revenue 120,660			
	229 storekeeper-gaugers 424,255			
	544,915			
	Net decrease 172,085			
	$90,000 of the above reduction being effected by reduction of the force, and $82,085 by transfers to and from the bureau.			
	0150 Temporary employees and special payments	$229,000.00	$229,000.00	$208,089.77
01	Total personal services	9,029,770.00	9,201,788.00	8,754,523.69
	Supplies and materials:			
	0200 Stationery and office supplies	4,000.00	4,000.00	5,081.30
	0220 Scientific and educational supplies	12,500.00	12,500.00	12,360.60
	0280 Sundry supplies	6,100.00	6,100.00	6,129.87
02	Total supplies and materials	22,600.00	22,600.00	23,571.77
03	Subsistence and support of persons: Prisoners (service)	67,500.00	67,500.00	67,571.59
04	Subsistence and care of animals and storage and care of vehicles (service)	27,600.00	27,600.00	27,643.03
	Communication service:			
	0500 Telegraph service	14,500.00	14,500.00	14,548.47
	0510 Telephone service	70,000.00	80,000.00	88,150.72
	0520 Other communication service	44,500.00	44,500.00	44,513.20
05	Total communication service	129,000.00	139,000.00	147,212.39
	Travel expenses:			
	Transportation requests	426,000.00	480,000.00	482,971.27
	063 Prohibition field service (other than hire of autos)	1,386,340.00	1,509,000.00	1,516,766.11
	065 Purchase of gas and oil for own or borrowed cars	24,000.00	24,000.00	24,765.48
	066 Hire of automobiles	100,000.00	220,000.00	232,689.84
	067 Narcotic field force	190,000.00	190,000.00	190,656.90
	0613 Bureau travel	10,000.00	10,000.00	8,223.97
06	Total travel expenses	2,136,340.00	2,433,000.00	2,456,073.57
	Transportation of things (service):			
	071 Transportation of things by express	5,100.00	5,100.00	5,179.19
	072 Transportation of things by freight	8,481.00	8,482.00	8,481.81
	074 Hauling, including seized liquor	113,000.00	113,000.00	113,140.24
07	Total transportation of things	126,581.00	126,582.00	126,801.24
09	Advertisement and publication notices	500.00	500.00	499.88
10	Furnishing heat, light, power, water, and electricity (service)	8,800.00	8,860.00	8,856.29
	Rents:			
	1100 Rent of buildings and structures	362,000.00	362,000.00	341,104.63
	1115 Rent of miscellaneous equipment	600.00	600.00	573.98
11	Total rents	362,600.00	362,600.00	341,678.61
12	Repairs and alterations	8,200.00	8,200.00	8,213.13
	Special and miscellaneous current expenses:			
	1350 Storage of goods not incident to transportation	130,000.00	130,000.00	132,688.13
	1373 Laundry and towel service	1,900.00	1,900.00	1,915.83
	1380 Special and miscellaneous expenses not elsewhere classified (purchase of evidence)	330,000.00	330,000.00	348,975.80
13	Total special and miscellaneous current expenses	461,900.00	461,900.00	483,579.76
	Expenses of acquiring vessels and vehicles:			
	1400 Expenses of acquiring seized vessels and vehicles	5,900.00	5,900.00	5,843.07
	1410 Rent of garages for vehicles	31,200.00	38,100.00	32,016.43
	1420 Fuel for vehicles and vessels	105,760.00	128,905.00	80,826.64
	1430 Lubricants for vehicles and vessels	18,235.00	22,225.00	17,451.12

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Enforcement of Narcotics and National Prohibition Acts—Continued.		

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
1440	Repairs, including purchase of parts for vehicles	$78,150.00	$95,250.00	$83,995.89
1445	Repairs, including purchase of parts for vessels	4,000.00	24,300.00	24,302.35
1460	Equipment, tires and tubes, etc	38,000.00	46,355.00	56,327.13
1470	Miscellaneous upkeep of vessels and vehicles not elsewhere classified	12,504.00	15,240.00	8,192.87
14	Total expenses of vessels and vehicles	293,749.00	376,275.00	308,955.50
	Equipment:			
3010	Furniture, furnishings, and fixtures	50,000.00	80,000.00	102,785.99
3050	Other equipment	4,000.00	4,000.00	5,297.11
30	Total equipment	54,000.00	84,000.00	108,083.10
	Total	12,729,140.00	13,320,405.00	12,863,263.55

Indefinite appropriation:

Allowance or Drawback (Prohibition)—

Indefinite appropriation to pay allowance or drawback on internal-revenue tax paid on distilled spirits used in the manufacture of flavoring extracts, medicinal or toilet preparations exported (U. S. C., p. 795, sec. 788; p. 802, sec. 852) ..... $275,000.00 | $250,000.00

5310 Refunds (allowance or drawback): Expenditures—1929, $275,000; 1928, $250,000; 1927, $391,910.56.

Total, Bureau of Prohibition ..... 13,004,140.00 | 13,570,405.00

COAST GUARD

Salaries, Office of Coast Guard—

Office of the commandant: For personal services in the District of Columbia in accordance with the classification act of 1923 (*act Jan. 26, 1927, vol. 44, p. 1034*) ..... 262,000.00 | 260,000.00

The services of skilled draftsmen and such other technical services as the Secretary of the Treasury may deem necessary may be employed only in the office of the Coast Guard in connection with the construction and repair of Coast Guard vessels [and boats]": *Provided*, That the expenditures on this account for the fiscal year [1928] *1929* shall not exceed [$10,460] *$10,660*. A statement of the persons employed hereunder, their duties, and the compensation paid to each shall be made to Congress each year in the Budget.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average*—		*Average*—		*Average*—	
Grade 4, $3,800 to $5,000; average, $4,400—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Civil engineer	1	$4,400	1	$4,200	1	$4,000
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate naval architect	1	3,300	1	3,200	1	3,100
Marine engineering draftsman	1	3,000	1	3,000	1	3,000
Associate attorney (chief of section)	1	3,400	1	3,300	1	3,200
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant civil engineer	1	2,500	1	2,500	0.8	2,400
Assistant naval architect	1	2,400	1	2,400	0.9	2,491
Senior legal assistant	1	2,500	1	2,500	1	2,420
Subprofessional service—						
Grade 6, $1,860 to $2,400; average, $2,111.43—						
Senior engineering draftsman	1	1,860	1	1,860	0.8	1,860
Senior engineering aid	1	1,860	1	1,860	0.5	1,860
Grade 5, $1,680 to $2,040; average, $1,860—						
Topographic draftsman	1	1,740	1	1,740	1	1,680
Tracing draftsman	1	1,680	1	1,680	0.9	1,680
Grade 4, $1,500 to $1,860; average, $1,680—						
Assistant engineering draftsman	1	1,500	1	1,500	1	1,500
Clerical, administrative, and fiscal service—						
Grade 11, $3,800 to $5,000; average, $4,400—						
Administrative officer (chief of division)	2	4,400	2	4,400	2	4,400
Grade 9, $3,000 to $3,600; average, $3,300—						
Senior administrative assistant (assistant chief of division)	2	3,300	2	3,200	1.2	3,000
Grade 8, $2,700 to $3,300; average, $3,000—						
Administrative assistant (assistant chief of division)					0.8	2,900
Administrative assistant (disbursing officer and chief of section)	1	3,000	1	2,900	1	2,800

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries, Office of Coast Guard—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service—Continued.						
Salaries—Continued.						
Clerical, administrative, and fiscal service—Con.	*Average—*		*Average—*		*Average—*	
Grade 7, $2,400 to $3,000; average, $2,700—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Junior administrative assistant (chief of section)	2	$2,700	2	$2,600	2	$2,500
Grade 6, $2,100 to $2 700; average, $2,400—						
Principal clerk (chief of section)	1	2,400	1	2,300	1	2,200
Principal clerk (assistant chief of section)	2	2,400	2	2,300	2	2,200
Principal clerk-stenographer (secretary to the commandant)	1	2,400	1	2,300	1	2,327
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk (chief of section)	1	2,100	1	2,100	1	2,100
Senior clerk (assistant chief of section)	2	2,000	2	2,000	1.9	1,886
Senior clerk	5	2,020	5	2,020	2.4	1,873
Senior clerk-stenographer	1	2,000	1	2,000	0.3	1,860
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	13	1,791	13	1,782	14	1,788
Principal stenographer	1	1,860	1	1,860	1	1,860
Clerk-stenographer	7	1,800	7	1,783	8.1	1,734
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	37	1,590	37	1,585	30.9	1,568
Assistant clerk-stenographer	14	1,577	14	1,577	13.6	1,545
Senior operator, office devices	3	1,560	3	1,560	3	1,500
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	9	1,333	9	1,320	7	1,320
Junior stenographer	3	1,380	3	1,360	3.9	1,348
Junior clerk-typist	1	1,380	1	1,320	2.5	1,320
Junior clerk-stenographer	15	1,328	15	1,324	10.4	1,329
Junior operator, office devices	2	1,350	2	1,350	1.9	1,343
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	8	1,140	8	1,140	8.5	1,140
Underclerk-typist					0.6	1,140
Custodial service—						
Grade 4, $1,140 to $1,500; average, $1,320—						
Head messenger	1	1,260	1	1,260	1	1,200
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger	5	1,080	5	1,080	5	1,032
Grade 2, $900 to $1,140: average, $1,020—						
Junior laborer	1	1,020	1	1,020	1	900
Total average number of employees	152		152		139.9	
01 Total salaries, departmental service		262,000.00		260,000.00		235,809.37
The difference between 1929 and 1928 is due to increase in salaries, $2,000.						
Unobligated balance						940.63
Total		262,000.00		260,000.00		236,750.00

Coast Guard—

For every expenditure requisite for and incident to the authorized work of the Coast Guard, including the expense of maintenance, repair, and operation of vessels forfeited to the United States and delivered to the Treasury Department under the terms of the act approved March 3, 1925, as follows, including not to exceed [$1,000] *$800* for purchase, exchange, maintenance, repair, and operation of motor-propelled passenger-carrying vehicles to be used only for official purposes:

NOTE.—The sum of $986.02 was expended during the fiscal year 1927 on motor-propelled passenger-carrying vehicles located at Coast Guard depot, Curtis Bay, Md., and Academy, New London, Conn.

Pay and Allowances, Coast Guard—

For pay and allowances prescribed by law for commissioned officers, cadets [and cadet engineers], warrant officers, petty officers, and other enlisted men, active and retired, temporary cooks, and surfmen, substitute surfmen, and one civilian instructor, *for carrying out the provisions of the act of June 4, 1920*, rations or commutation thereof for cadets, [cadet engineers,] petty officers, and other enlisted men (*act Jan. 26, 1927, vol. 44, p. 1035*) ..... [1] $19,000,000.00 | $19,000,000.00

[1] Includes estimated expenditures for 1929 for death gratuities.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Pay and Allowances, Coast Guard—Continued.

	Rate	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Field service (not subject to classification act):				
Salaries—				
Commissioned officer—		*Number*	*Number*	*Number*
Commandant ..per annum..	$6,000.00	1	1	1
Captain.....do....	6,000.00	15	15	15
Commander.....do....	$5,750.00–4,725.00	35	35	35
Lieutenant commander .....per annum..	4,900.00–2,760.00	62	53	49
Lieutenant.....do....	2,760.00–2,100.00	67	35	40
Lieutenant (junior grade) and ensign...per annum..	2,100.00–1,500.00	69	99	84
Engineer in chief.....do....	5,800.00	1	1	1
Captain (E).....do....	6,000.00	8	8	8
Commander (E).....do....	5,750.00	11	11	11
Lieutenant commander (E) .....per annum..	4,900.00–2,760.00	24	26	26
Constructor.....do....	5,750.00	5	5	4
District commander...do....	5,250.00–2,100.00	14	14	14
Instructor.....do....	4,050.00	1	1	1
Temporary commissioned officer—				
Lieutenant.....per annum..	2,268.00–2,000.00	50	50	14
Lieutenant (junior grade) and ensign....per annum..	2,268.00–1,500.00	65	65	58
Cadet.....do....	780.00	105	114	47
Chief warrant officer .....per month..	189.00– 168.00	67	25	22
Warrant officer.....do....	189.00– 135.00	852	879	832
Enlisted men—				
First pay grade.....do....	157.50– 99.00	1,420	1,333	1,332
Second pay grade.....do....	105.00– 84.00	2,919	2,840	2,001
Third pay grade.....do....	90.00– 72.00	1,468	1,304	1,682
Fourth pay grade.....do....	75.00– 60.00	2,552	2,455	2,440
Fifth pay grade.....do....	67.50– 54.00	1,460	1,583	1,440
Sixth pay grade.....do....	45.00– 36.00	831	855	883
Seventh pay grade....do....	26.25– 21.00	151	10	146
Total number of employees		12,253	11,817	11,186
01 Total personal services		$16,918,202.00	$16,774,043.00	$15,064,301.55
02 Provisions		981,013.00	936,800.00	818,847.06
Retirement salaries and death gratuities:				
2110 Retirement salaries		1,065,785.00	1,039,157.00	972,600.58
2130 Death gratuities		35,000.00		
21 Total retirement salaries and death gratuities		1,100,785.00	1,039,157.00	972,600.58
			18,750,000.00	16,855,749.19
Unobligated balance				1,462,391.81
Reserve			250,000.00	
Total		19,000,000.00	19,000,000.00	18,318,141.00

Fuel and Water, Coast Guard—

For fuel and water for vessels, stations, and houses of refuge (*act Jan. 26, 1927, vol. 44, p. 1035*) $2,775,000.00 $3,100,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Field service:			
01 Total salaries and wages (see consolidated schedule)	$450.00	$450.00	$429.22
Deduct expenditures for personal services in objects named below	450.00	450.00	429.22
0230 Fuel	2,731,500.00	3,008,000.00	2,899,697.92
1040 Furnishing of water	43,500.00	42,000.00	41,713.89
		3,050,000.00	2,941,411.81
Unobligated balance			194,794.19
Reserve		50,000.00	
Total	2,775,000.00	3,100,000.00	3,136,206.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Outfits, Coast Guard—		
For outfits, ship chandlery, and engineers' stores for the same (*act Jan. 26, 1927, vol. 44, p. 1035*)	$1, 900, 000. 00	$1, 700, 000. 00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Field service:				
01	Total salaries and wages (see consolidated schedule)	$86, 300. 00	$86, 300. 00	$86, 266. 13
	Deduct expenditures for personal services in objects named below	86, 300. 00	86, 300. 00	86, 266. 13
	Supplies and materials:			
0220	Scientific and educational supplies	250. 00	250. 00	244. 41
0230	Fuel	18, 500. 00	18, 500. 00	18, 120. 28
0270	Powder, projectiles, and explosives	102, 670. 00	82, 670. 00	59, 920. 37
0280	Sundry supplies	1, 051, 480. 00	919, 080. 00	760, 448. 96
0290	Materials	314, 000. 00	275, 000. 00	240, 858. 34
02	Total supplies and materials	1, 486, 900. 00	1, 295, 500. 00	1, 079, 592. 36
08	Photographing and making photographs and prints	1, 600. 00	1, 600. 00	1, 646. 15
	Equipment:			
3000	Passenger-carrying vehicles		400. 00	700. 00
3010	Furniture, furnishings, and fixtures	87, 000. 00	76, 000. 00	59, 396. 62
3020	Educational and scientific equipment	12. 500. 00	12, 500. 00	12, 519. 98
3030	War equipment	25, 000. 00	20, 000. 00	13, 527. 07
3050	Other equipment	287, 000. 00	259, 000. 00	219, 672. 08
30	Total equipment	411, 500. 00	367, 900. 00	305, 815. 75
			1, 665, 000. 00	1, 387, 054. 26
	Unobligated balance			90, 645. 74
	Reserve		35, 000. 00	
	Total	1, 900, 000. 00	1, 700, 000. 00	1, 477, 700. 00

Rebuilding and Repairing Stations, Coast Guard—		
For rebuilding and repairing stations and houses of refuge, temporary leases, rent, and improvements of property for Coast Guard purposes, including use of additional land where necessary (*act Jan. 26, 1927, vol. 44, p. 1035*)	500, 000. 00	305, 000. 00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Field service:				
01	Total salaries and wages (see consolidated schedule)	$8, 200. 00	$8, 200. 00	$8, 238. 66
	Deduct expenditures for personal services in objects named below	8, 200. 00	8, 200. 00	8, 238. 66
	Rents:			
1100	Rent of buildings and structures	75, 000. 00	75, 000. 00	54, 650. 66
1110	Other rents	3, 000. 00	3, 000. 00	3, 102. 71
11	Total rents	78, 000. 00	78, 000. 00	57, 753. 37
12	Repairs and alterations	318, 000. 00	168, 000. 00	174, 133. 88
	Structures and parts, etc.:			
3210	Other structures	101, 000. 00	53, 000. 00	157, 073. 63
3220	Nonstructural improvements	3, 000. 00	3, 000. 00	2, 971. 38
32	Total structures and parts, etc	104, 000. 00	56, 000. 00	160, 045. 01
			302, 000. 00	391. 932. 26
	Unobligated balance			8, 207. 74
	Reserve		3, 000. 00	
	Total	500, 000. 00	305, 000. 00	400, 140. 00

Death Gratuities, Coast Guard—		
[For carrying out the provisions of the act of June 4, 1920] (*act Jan, 26, 1927, vol. 44, p. 1035*)		35, 000. 00

NOTE.—Included in estimate for "Pay and allowances, Coast Guard."

2130 Death gratuities: Expenditures—1928, $35,000; 1927, $25,972.20.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Mileage, etc., Coast Guard— For mileage and expenses allowed by law for officers; and traveling expenses for other persons traveling on duty under orders from the Treasury Department, including transportation of enlisted men and applicants for enlistment, with subsistence and transfers en route, or cash in lieu thereof, expenses of recruiting for the Coast Guard, rent of rendezvous, and expenses of maintaining the same; advertising for and obtaining men and apprentice seamen (*act Jan. 26, 1927, vol. 44, p. 1035*)	$350,000.00	$350,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
02	Sundry supplies			$0.94
03	Subsistence and support of persons (service)	$3,500.00	$3,500.00	3,520.73
	Communication service:			
0500	Telegraph service	50.00	50.00	36.50
0510	Telephone service	650.00	650.00	651.02
05	Total communication service	700.00	700.00	687.52
06	Travel expense	341,815.00	336,815.00	267,358.84
07	Transportation of things	10.00	10.00	9.32
09	Advertising	2,000.00	2,000.00	3,927.07
10	Furnishing light			10.00
11	Rent of offices	1,920.00	1,920.00	2,600.00
12	Repairs and alterations	5.00	5.00	4.42
13	Special and miscellaneous current expenses	50.00	50.00	48.00
			345,000.00	278,166.84
	Unobligated balance			3,833.16
	Reserve		5,000.00	
	Total	350,000.00	350,000.00	282,000.00

Draft Animals, Coast Guard— For draft animals and their maintenance (*act Jan. 26, 1927, vol. 44, p. 1035*)	24,000.00	30,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
0250	Forage and other supplies for animals	$20,650.00	$20,650.00	$17,449.93
04	Subsistence and care of animals	100.00	100.00	61.85
1110	Other rents	1,000.00	1,000.00	595.00
3040	Livestock	2,250.00	2,250.00	981.40
			24,000.00	19,088.18
	Unobligated balance			15,911.82
	Reserve		6,000.00	
	Total	24,000.00	30,000.00	35,000.00

Communication Lines, Coast Guard— For coastal communication lines and facilities and their maintenance (*act Jan. 26, 1927, vol. 44, p. 1035*)	60,000.00	125,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Supplies and materials:			
0280	Sundry supplies	$450.00	$450.00	$458.90
0290	Materials	24,700.00	24,700.00	25,204.02
02	Total supplies and materials	25,150.00	25,150.00	25,662.92
07	Transportation of things	200.00	200.00	162.00
12	Repairs and alterations	22,200.00	20,200.00	20,012.30
	Equipment:			
3020	Scientific equipment	25.00	25.00	25.28
3050	Other equipment	12,425.00	77,425.00	12,433.11
30	Total equipment	12,450.00	77,450.00	12,458.39
			123,000.00	58,295.61
	Unobligated balance			1,704.39
	Reserve		2,000.00	
	Total	60,000.00	125,000.00	60,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Civilian Employees, Coast Guard—		
For compensation of civilian employees in the field, including clerks to district superintendents (*act Jan. 26, 1927, vol. 44, p. 1035*)	$75,000.00	$79,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service (subject to classification act):						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $3,000 to $3,600; average, $3,300—						
Associate civil engineer	2	$3,050	1.8	$3,056	1.9	$3,100
Salary range, $2,400 to $3,000; average, $2,700—						
Assistant civil engineer	6	2,600	6.7	2,579	6.2	2,515
Inspector of motor boats	1	2,700	1	2,700	1	2,597
Assistant purchasing officer	1	2,800	1	2,800	1	2,698
Salary range, $2,100 to $2,700; average, $2,400—						
Chief clerk	1	2,500	1	2,500	1	2,400
Salary range, $1,860 to $2,400; average, $2,111.43—						
Shipping clerk	2	2,110	2	2,110	2	2,060
Salary range $1,680 to $2,040; average, $1,860—						
Clerk	15	1,820	15	1,820	14.8	1,765
Salary range, $1,500 to $1,860; average, $1,680—						
Assistant clerk	5	1,680	5	1,680	4.7	1,630
Salary range, $1,320 to $1,680; average, $1,500—						
Pilot					0.1	1,320
Salary range, $1,140 to $1,500; average, $1,320—						
Skilled laborer	4.2	1,281	4.9	1,286	3.6	1,297
Total average number of employees	37.2		38.4		36.3	
Total salaries and wages, field service		75,000.00		77,000.00		71,901.87
The difference between 1929 and 1928 is due to decrease in force, $2,000.						
(1) Total personal services		75,000.00		77,000.00		71,901.87
Unobligated balance						7,098.13
Reserve				2,000.00		
Total		75,000.00		79,000.00		79,000.00

Contingent Expenses, Coast Guard—

For contingent expenses, including communication service, subsistence of shipwrecked persons succored by the Coast Guard [,]: for the recreation, amusement, comfort, contentment, and health of the enlisted men of the Coast Guard, to be expended in the discretion of the Secretary of the Treasury, not exceeding [$20,000] *$25,000*; instruments and apparatus, supplies, technical books and periodicals, services necessary to the carrying on of scientific investigation, and experimental and research work in relation to telephony and radiotelegraphy, not exceeding $4,000; care, transportation, and burial of deceased officers and enlisted men, including those who die in Government hospitals; wharfage, towage, freight, storage, repairs to station apparatus, advertising, surveys, medals, labor, newspapers and periodicals for statistical purposes, and all other necessary expenses which are not included under any other heading (*act Jan. 26, 1927, vol. 44, p. 1035*) 270,000.00 250,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Field service:			
Total salaries and wages (see consolidated schedule)	$7,100.00	$7,100.00	$7,213.29
Deduct expenditures for personal services in objects named below	1,100.00	1,100.00	1,114.42
01 Total personal services	6,000.00	6,000.00	6,098.87
Supplies and materials:			
0220 Scientific and educational supplies	4,100.00	90.00	3,972.61
0250 Sundry supplies	18,000.00	15,400.00	10,164.81
02 Total supplies and materials	22,100.00	15,490.00	14,137.42
03 Subsistence and support of persons (service)	25.00	25.00	24.78
04 Subsistence and care of animals and storage and care of vehicles (service)	25.00	25.00	22.35
Communication service:			
0500 Telegraph service	7,000.00	6,800.00	6,810.70
0510 Telephone service	42,800.00	41,000.00	40,855.12
0520 Other communication service	200.00	200.00	207.75
05 Total communication service	50,000.00	48,000.00	47,873.57

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Contingent Expenses, Coast Guard—Continued.		

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
07	Transportation of things (service)	$120,000.00	$113,400.00	$99,882.19
09	Advertising and publication of notices (service)	700.00	700.00	658.72
10	Furnishing of heat, light, power, and electricity (service)	30,000.00	28,485.00	28,481.97
11	Other rents	125.00	125.00	114.00
12	Repairs and alterations	15,000.00	12,900.00	12,874.42
13	Special and miscellaneous current expenses	12,025.00	10,350.00	10,373.95
22	Burial expenses	5,000.00	3,500.00	3,464.75
30	Educational, scientific, and recreational equipment	9,000.00	6,000.00	4,512.85
			245,000.00	228,519.84
	Unobligated balance			5,480.16
	Reserve		5,000.00	
	Total	270,000.00	250,000.00	234,000.00

Construction and Equipment of Coast Guard Cutters—

[For completion of three cutters authorized in the act entitled "An act to provide for the construction of ten vessels for the Coast Guard," approved June 10, 1926] (*act Jan. 26, 1927, vol. 44, p. 1035*) $1,700,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Supplies and materials:			
0200	Stationery and office supplies			$109.08
0280	Sundry supplies			12.12
02	Total supplies and materials			121.20
	Equipment:			
3010	Furniture, furnishings, and fixtures			1,615.80
3020	Educational, scientific, and recreational supplies			230.41
3050	Other equipment		$2,274,147.29	324,006.50
30	Total equipment		2,274,147.29	325,852.71
			2,274,147.29	
	Reserve		100,000.00	
	Total		[1] 2,374,147.29	325,973.91

[1] Includes estimated expenditures from unexpended balance of 1927-28 appropriation of $1,000,000.

[For commencing the construction of two of the Coast Guard cutters authorized in the act entitled "An act to provide for the construction of ten vessels for the Coast Guard," approved June 10, 1926, $666,000, to be available until June 30, 1929: *Provided*, That the total cost of these two vessels and equipment shall not exceed $1,800,000, and the Secretary of the Treasury is authorized to enter into contracts for their construction and equipment in sums not to exceed this aggregate amount] (*act Jan. 26, 1927, vol. 44, p. 1035*) 666,000.00

For completion of two cutters authorized in the act entitled "An act to provide for the construction of ten vessels for the Coast Guard," approved June 10, 1926 (acts June 10, 1926, vol. 44, p. 725; July 3, 1926, vol. 44, p. 869; Jan. 26, 1927, vol. 44, p. 1035) $1,134,000.00

3050 Other equipment: Expenditures—1929, $1,134,000; 1928, $666,000.

For commencing the construction of three of the Coast Guard cutters authorized in the act entitled "An act to provide for the construction of ten vessels for the Coast Guard," approved June 10, 1926, to be available until June 30, 1930, $500,000, of which not exceeding $1,500 shall be available for the purchase of such equipment and drafting supplies as may be required at Coast Guard headquarters in connection with the construction of such cutters: Provided, That the total cost of these three vessels and equipment shall not exceed $2,700,000, and the Secretary of the Treasury is authorized to enter into contracts for their construction and equipment in sums not to exceed this aggregate amount (deficiency act July 3, 1926, vol. 44, p. 869) (submitted) 500,000.00

3050 Other equipment: Expenditures—1929, $500,000.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Repairs to Coast Guard Vessels—		
For repairs to Coast Guard vessels and boats (*act Jan. 26, 1927, vol. 44, p. 1036*)	$2,050,000.00	$2,000,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average*—		*Average*—		*Average*—	
Grade 4, $3,800 to $5,000; average, $4,400—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Naval architect	2	$4,400	2	$4,300	2	$4,000
Subprofessional service—						
Grade 5, $1,680 to $2,040; average, $1,860—						
Tracing draftsman	1	1,860	1	1,860	1	1,800
Total average number of employees	3		3		3	
Total salaries, departmental service		10,660.00		10,460.00		9,799.92
The difference between 1929 and 1928 is due to increase in salaries, $200.						
Field service:						
Total salaries and wages (see consolidated schedule)		143,400.00		143,400.00		143,427.20
Deduct expenditures for personal services in objects named below		143,400.00		143,400.00		143,427.20
01 Total personal services		10,660.00		10,460.00		9,799.92
12 Repairs and alterations		2,039,340.00		1,939,540.00		1,710,209.25
Unobligated balance				1,950,000.00		1,720,009.17
Reserve				50,000.00		48,400.83
Total		2,050,000.00		2,000,000.00		1,768,410.00

Establishing Coast Guard Stations—

For establishing new Coast Guard stations on the sea and lake coasts of the United States authorized by law, to be available until expended (acts Aug. 1, 1914, vol. 38, p. 619; May 6, 1920, vol. 41, p. 588) (submitted) 34,770.00

3210 Other structures: Expenditures—1929, $34,770.

Consolidated schedule of field employees paid from Coast Guard appropriations

	Rate per diem	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Field service:				
Salaries and wages—		*Number*	*Number*	*Number*
Quarterman	$10.08-$9.04	2	2	1.8
Leading man	8.24- 7.92	3	3	2.8
Pattern maker	8.00- 7.60	1.5	1.5	1.4
Molder	7.52- 7.36	1	1	0.8
Tool maker	7.20	1	1	0.9
Pipe fitter	7.20	1.5	1.5	1.5
Sheet-metal worker	7.20- 6.80	1.5	1.5	1.4
Electrician	7.20- 6.40	2	2	1.9
Ship joiner	6.80- 6.00	14	14	14.2
Boat builder	6.80- 6.00	13	13	13.2
Painter	6.80- 6.00	4.5	4.5	4.5
Machinist	6.72- 5.92	17.5	17.5	17.3
Rigger	6.64	1	1	1.2
Ship fitter	6.56- 5.76	6	6	6.2
Sailmaker	6.56	2.5	2.5	2.6
Caulker	6.40	1	1	0.9
Driller	5.36- 4.40	13.5	13.5	13.7
Apprentice, first class	4.80- 4.00	2	2	2.1
General helper	4.48- 3.68	20	20	19.9
Laborer	4.16	5.5	5.5	5.7
Apprentice, second class	3.84- 3.20	5	5	5.2
Apprentice, third class	2.40- 2.00	5.5	5.5	5.6
Total average number of employees		124.5	124.5	124.8
01 Total personal services		$245,450.00	$245,450.00	$245,574.00
The salaries and wages in the foregoing schedule are distributed to appropriations as follows:				
Fuel and water, Coast Guard		450.00	450.00	[1] 429.22
Outfits, Coast Guard		86,300.00	86,300.00	[1] 86,266.13
Rebuilding and repairing stations, etc., Coast Guard		8,200.00	8,200.00	[1] 8,238.66
Contingent expenses, Coast Guard		7,100.00	7,100.00	[1] 7,213.29
Repairs to Coast Guard vessels		143,400.00	143,400.00	143,427.20
Total		245,150.00	245,450.00	245,574.50

[1] Coast Guard, 1927.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Total, Coast Guard, exclusive of commandant's office and special funds (*U. S. C., p. 339, secs. 1, 2, 4, 5; p. 340, secs. 9–15; p. 341, secs. 16–20, 23–25, 29; p. 342, secs. 32, 38, 55–57; p. 344, secs. 100, 102; p. 345, secs. 121, 122, 124; p. 346, secs. 125, 127; p. 347, secs. 161–163, 166–168; p. 348, secs. 169–175, 191; p. 349, secs. 201–206; p. 350, secs. 207, 208; pp. 1925–1927; acts May 22, 1917, vol. 40, p. 85, secs. 5, 7, 13, 15; Oct. 6, 1917, vol. 40, p. 389; July 11, 1919, vol. 41, p. 139; June 4, 1920, vol. 41, p. 824; Mar. 3, 1925, vol. 43, p. 1116; Mar. 2, 1926, vol. 44, p. 144; June 1, 1926, vol. 44, p. 680; June 10, 1926, vol. 44, p. 725; Jan. 26, 1927, vol. 44, p. 1034*)	$28, 672, 770. 00	$29, 340, 000. 00
Special Funds—		
Building or purchase of vessels for the Coast Guard, proceeds of sales (*U. S. C., p. 343, sec. 69*)	3, 000. 00	
3050 Other equipment: Expenditures—1929, $3,000; 1928, $22,750; 1927, $12,923.00.		
Rebuilding and improving Coast Guard stations, proceeds of sales (*U. S. C., p. 345, sec. 109*)	3, 500. 00	
12 Repairs and alterations: Expenditures—1929, $3,500; 1928, $29,250.		
Total, Coast Guard Service	28, 941, 270. 00	29, 600, 000. 00
BUREAU OF ENGRAVING AND PRINTING		
Salaries, Bureau of Engraving and Printing—		
Office of director: For the director, [three] *two* assistant directors, and other personal services in the District of Columbia, in accordance with the classification act of 1923 (*U. S. C., p. 985, sec. 171; act Jan. 26, 1927, vol. 44, p. 1036*)	511, 495. 00	465, 000. 00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Clerical, administrative, and fiscal service—	*Average*—		*Average*—		*Average*—	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 13, $6,000 to $7,500; average, $6,750—						
Executive officer (director)	1	$7,500	1	$7,500	1	$7,000
Grade 12, $5,200 to $6,000; average, $5,600—						
Senior administrative officer—						
Assistant director	2	5,600	2	5,600	3	5,500
Mechanical expert and designer	1	5,600	0.8	5,600	0.8	5,600
Grade 11, $3,800 to $5,200; average, $4,400—						
Administrative officer (chief accountant)	1	4,400	1	4,400	1	4,400
Grade 9, $3,000 to $3,600; average, $3,300—						
Senior administrative assistant—						
Assistant chief accountant	1	3,300	1	3,300	1	3,300
Disbursing agent	1	3,100	1	3,100	1	3,100
Purchasing agent	1	3,500	1	3,500	1	3,500
Superintendent of orders	1	3,300	1	3,300	1	3,300
Grade 8, $2,700 to $3,300; average, $3,000—						
Administrative assistant—						
Head appropriations and securities account section	1	2,900	1	2,900	1	2,700
Superintendent of division	1	3,000				
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant—						
Secretary to director	1	2,400	1	2,400	1	2,400
Assistant disbursing agent	1	2,700	1	2,700	1	2,700
Assistant purchasing agent	1	2,800	1	2,800	1	2,800
Storekeeper	1	2,700	1	2,700	0.1	2,700
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk—						
Cost accountant	1	2,500	1	2,500	1	2,500
Storekeeper					0.9	2,700
Assistant superintendent of orders	1	2,200	1	2,200	0.3	2,100
Superintendent personnel division	1	2,400	1	2,400	0.8	2,300
Assistant head appropriations and securities account section	1	2,200	1	2,200	1	2,100
Assistant superintendent of division	1	2,500				
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	9	2,100	9	2,100	9.5	2,103
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	13	1,855	13	1,855	12.8	1,860
Clerk-stenographer	3	1,860	3	1,860	2.5	1,810
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	32	1,669	32	1,669	30.9	1,665
Assistant clerk (stenographer)	4	1,680	4	1,680	4	1,680
Typist	1	1,740				
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	18	1,477	18	1,477	19.7	1,466
Junior stenographer	2	1,620	2	1,620	2	1,620
Senior typist	2	1,470	2	1,470	1.2	1,440
Junior clerk-typist					0.2	1,440
Junior operator office devices	2	1,500	2	1,500	2	1,440

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927		Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Salaries, Bureau of Engraving and Printing—Continued.								
	Average—		*Average—*		*Average—*			
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*		
Departmental service—Continued.								
Salaries—Continued.								
Clerical, administrative, and fiscal service—Con.								
Grade 1, $1,140 to $1,500; average, $1,320—								
Underclerk	1	$1,260	1	$1,260	1.9	$1,380		
Underoperator office devices	4	1,335	4	1,335	3.7	1,295		
Professional service:								
Grade 3, $3,000 to $3,600; average, $3,300—								
Associate medical officer	1	3,400						
Subprofessional service—								
Grade 8, $2,400 to $3,000; average, $2,700—								
Chief engineering draftsman	1	2,800	1	2,800	0.2	2,725		
Grade 7, $2,100 to $2,700; average, $2,400—								
Principal engineering draftsman					0.8	2,700		
Grade 4, $1,500 to $1,860; average, $1,680—								
Nurse	4	1,605						
Custodial service—								
Grade 7, $1,680 to $2,040; average, $1,860—								
Assistant chief guard (captain of watch)	1	1,800	1	1,800	1	1,800		
Grade 5, $1,320 to $1,680; average, $1,500—								
Principal guard (lieutenant of watch)	2	1,500	2	1,500	2	1,470		
Grade 4, $1,140 to $1,500; average, $1,320—								
Head messenger	1	1,320	1	1,320	1	1,320		
Grade 3, $1,020 to $1,260; average, $1,140—								
Messenger	8	1,170	8	1,170	7.9	1,136		
Guard	92.5	1,109	93	1,109	93.4	1,080		
Senior laborer	5	1,212	5	1,212	6.1	1,201		
Grade 2, $900 to $1,140; average, $1,020—								
Junior laborer	175	754	164.5	736	165.5	727		
Clerical-mechanical service—								
Grade 4, 80 to 90 cents per hour—								
Distributor of stock	1	2,003						
Grade 3, 65 to 70 cents per hour—								
Principal operative	1	1,628	1	1,628	1	1,628		
Distributor of stock	5	1,753						
Grade 2, 55 to 60 cents per hour—								
Senior operative	3	1,461						
Overtime in plata vault		3,066						
Total average number of employees	411.5		384.3		387.2			
						464,977		
Unobligated balance						5,003		
01 Total salaries, departmental service		511,495		465,000		470,000		
The difference between 1929 and 1928 is due to transfer of positions heretofore carried under item "Compensation of employees," $46,495.								

For the work of engraving and printing, exclusive of repay work, during the fiscal year [1928] *1929*, of not exceeding 205,000,000 delivered sheets of United States currency and national-bank currency [88,879,049] *92,404,974* delivered sheets of internal-revenue stamps, [3,090,000] *2,494,167* delivered sheets of withdrawal permits, [587,450] *674,000* delivered sheets of opium orders and special-tax stamps required under the act of December 17, 1914, and [7,400,431] *7,555,043* delivered sheets of checks, drafts, and miscellaneous work, as follows:

Compensation of Employees, Bureau of Engraving and Printing—

For salaries of all necessary employees, other than employees required for the administrative work of the bureau of the class provided for and specified in the Treasury Department appropriation act for the fiscal year [1927] *1928*, and plate printers and plate printers' assistants, to be expended under the direction of the Secretary of the Treasury [$3,659,590] *$3,111,700* [: *Provided*, That no portion of this sum shall be expended for printing United States notes or Treasury notes of larger denominations than those that may be canceled or retired, except in so far as such printing may be necessary in executing the requirements of the act "To define and fix the standard of value, to maintain the parity of all forms of money issued or coined by the United States, to refund the public debt, and for other purposes," approved March 14, 1900] (*U. S. C., p. 987, sec. 178; act Jan. 26, 1927, vol. 44, p. 1036*) $3,111,700.00 $3,659,590.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Compensation of Employees, Bureau of Engraving and Printing—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average—		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Departmental service:						
Compensation of employees—						
Classified—						
Clerical, administrative, and fiscal service—						
Grade 12, $5,200 to $6,000; average, $5,600—						
Senior administrative officer (superintendent of division)	1	$5,600	1	$5,600	1	$5,600
Grade 11, $3,800 to $5,000; average, $4,400—						
Administrative officer—						
Superintendent of division	3	4,200	3	4,200	3	4,044
Designer	2	4,300	2	4,300	2	4,200
Grade 10, $3,300 to $3,900; average, $3,600—						
Junior administrative officer (superintendent of division)	1	3,600	1	3,600	1	3,600
Grade 9, $3,000 to $3,600; average, $3,300—						
Senior administrative assistant—						
Superintendent of division	2	3,150	2	3,150	1	3,300
Assistant superintendent of division	3	3,300	3	3,300	3	3,300
Grade 8, $2,700 to $3,300; average, $3,000—						
Administrative assistant—						
Superintendent of division	1	3,000	2	3,000	3	3,000
Assistant superintendent of division	1	3,000	1	3,000	0.9	2,700
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant—						
Assistant superintendent of division	1	2,700	1	2,700	1	2,700
Custodian of vault	1	2,500	1	2,500	1	2,500
Chief clerk of division	2	2,450	2	2,450	1.7	2,400
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk—						
Clerk	2	2,400	2	2,400	2	2,367
Chief distributor of stock	1	2,700	1	2,700	1	2,700
Assistant superintendent of division	2	2,200	3	2,300	3	2,267
Custodian of vault	2	2,350	2	2,350	1	2,200
Assistant custodian of vault	1	2,200	1	2,200	1	2,200
Foreman in division					0.1	2,600
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk—						
Foreman and forewoman	4	2,325	4	2,325	5	2,320
Distributor of stock	1	2,300	1	2,300	1	2,300
Assistant to distributor of stock	1	1,860	1	1,860	1	1,860
Clerk	4	2,115	4	2,115	4	2,086
Supreintendent of division	1	1,860	1	1,860	1	1,930
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	13	1,837	13	1,837	13	1,841
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	32	1,659	32	1,659	31	1,622
Typist	4	1,620	5	1,644	5	1,630
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	110	1,489	110	1,489	103	1,482
Senior typist	4	1,455	4	1,455	3	1,427
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	15	1,324	15	1,324	25.6	1,319
Professional service—						
Grade 5, $5,200 to $6,00; average, $5,600—						
Scientist (chemist)	1	5,200	1	5,200		
Grade 4, $3,800 to $5,000; average, $4,400—						
Scientist (chemist)					1	4,600
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate scientist (chemist)					0.5	3,000
Associate medical officer			1	3,400	1	3,304
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant scientist (chemist)	1	2,700	1	2,700	0.9	2,550
Grade 1, $1,860 to $2,400; average, $2,111.42—						
Junior scientist (assistant chemist)					0.1	2,100
Subprofessional service—						
Grade 8, $2,400 to $3,000; average, $2,700—						
Chief scientific aid	1	2,700	1	2,700	0.5	2,400
Chief scientific aid (chief engineering draftsman)	1	2,400	1	2,400		
Grade 6, $1,860 to $2,400; average, $2,111.42—						
Senior scientific aid (assistant chemist)					0.5	2,200
Senior engineering draftsman					1	2,304
Grade 5, $1,680 to $2,040; average, $1,860—						
Scientific aid (laboratory mechanic)	1	1,860	1	1,860	0.9	1,733
Scientific aid (laboratory mechanic)	1	1,860	1	1,860	0.9	1,680
Grade 4, $1,500 to $1,860; average, $1,680—						
Assistant social-service worker					0.3	1,680
Nurse			4	1,605	3.8	1,572
Grade 3, $1,320 to $1,680; average, $1,500—						
Junior scientific aid (laboratory helper)	1	1,320	1	1,320	0.1	1,410
Grade 2, $1,140 to $1,500; average, $1,320—						
Under laboratory helper					0.1	1,500
Custodial service—						
Grade 9, $2,100 to $2,700; average, $2,400—						
Assistant mechanical superintendent	2	2,400	2	2,400	2	2,400
Grade 7, $1,680 to $2,040; average, $1,860—						
Senior mechanic	1	1,740	1	1,740	1	1,680
Grade 5, $1,320 to $1,680; average, $1,500—						
Foreman of laborers	2	1,500	2	1,500	2	1,440
Principal guard					1.2	1,500
Grade 4, $1,140 to $1,500; average, $1,320—						
Assistant foreman of laborers	4	1,305	4	1,305	3	1,300

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

Compensation of Employees, Bureau of Engraving and Printing—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927		Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
	Average— *No.*	*Salary*	*Average*— *No.*	*Salary*	*Average*— *No.*	*Salary*		
Departmental service—Continued.								
Compensation of employees—Continued.								
Classified—Continued.								
Custodial service—Continued.								
Grade 3, $1,020 to $1,260; average, $1,140—								
Messenger	6	$1,210	6	$1,210	5.8	$1,182		
Senior laborer (press cleaner and miscellaneous)	115	1,102	128	1,102	129.6	1,077		
Minor mechanic (chauffeur)	23	1,200	23	1,200	24.2	1,199		
Underdomestic attendant (laundry woman)	13	1,020	13	1,020	13.2	1,017		
Guard	1	1,200	1	1,200	1	1,200		
Grade 2, $900 to $1,140; average, $1,020—								
Junior laborer (dressing-room attendant)			11	1,020	10.3	953		
Clerical-mechanical service—								
Grade 4, 80 to 90 cents an hour—								
Foreman or forewoman	28	2,103	29	2,100	25.3	2,030		
Grade 3, 65 to 70 cents an hour—								
Principal operative	122	1,698	127	1,700	106.7	1,690		
Assistant foreman or forewoman	31	1,741	31	1,741	32.3	1,694		
Grade 2, 55 to 60 cents an hour—								
Senior operative	1,256	1,500	1,395.5	1,500	1,352.7	1,414		
Grade 1, 45 to 50 cents an hour—								
Junior operative	710.7	1,227	819.8	1,227	900.5	1,227		
Unclassified—								
Foreman	38	3,238	38	3,238	38.9	3,098		
Engraver	32	3,631	32	3,631	33.7	3,388		
Siderographer	22	3,609	22	3,609	21.7	3,550		
Steel plate finisher	43	2,546	43	2,546	41.8	2,487		
Prover	8	2,980	8	2,980	8	2,979		
Hardener	2	2,704	2	2,704	2	2,582		
Machinist	66	2,747	67	2,747	68.1	2,703		
Lathe operator	1	4,107	1	4,107	1	3,997		
Photograph negative cutter and retoucher	1	2,504	1	2,504	1	2,463		
Pantograph operator	2	1,703	2	1,703	1.9	1,640		
Compositor and proofreader	4	2,754	4	2,754	3.1	2,635		
Photographer	2	2,754	2	2,754	2	2,654		
Photolithographer	3	2,613	3	2,613	3	2,545		
Litho transferrer	2	2,592	2	2,592	2	2,526		
Diesinker	1	3,105	1	3,105	1	3,050		
Die finisher	3	2,771	3	2,771	3	2,738		
Pressman	68	2,754	81	2,754	78.2	2,712		
Offset pressman	16	2,880	16	2,880	15.5	2,816		
Bookbinder	8	2,504	8	2,504	7.7	2,457		
Rotary-plate fitter	2	3,180	2	3,180	2	3,124		
Assistant engineer	9	2,788	9	2,788	8.1	2,739		
Oiler	2	2,153	2	2,153	2	2,116		
Dynamo tender	7	2,529	7	2,529	6.3	2,482		
Fireman	10	2,153	10	2,153	9.1	2,116		
Lock fitter	1	2,754	1	2,754	0.9	2,707		
Roller maker	4	2,279	4	2,279	3.7	2,255		
Acetylene welder	1	2,754	1	2,754	1	2,707		
Ornamental ironworker	1	2,754	1	2,754	0.9	2,707		
Plumber	4	2,754	4	2,754	4	2,707		
Tin and sheet-metal worker	4	2,754	4	2,754	3.5	2,707		
Blacksmith	1	2,504	1	2,504	1	2,457		
Painter	6	2,754	6	2,754	5.4	2,707		
Carpenter	8	2,754	8	2,754	7.7	2,707		
Steam fitter	3	2,587	3	2,587	2	2,556		
Electrician	24	2,754	24	2,754	24.8	2,707		
Wireman	9	2,268	9	2,268	9.8	2,197		
Bricklayer	2	2,754	2	2,754	2	2,707		
Pipe coverer	1	2,254	1	2,254	0.3	2,254		
Knife grinder	1	2,379	1	2,379	1	2,309		
Photolithograph helper	2	1,515	2	1,515	0.7	1,515		
Mechanic's helper	47	1,851	47	1,851	51.4	1,834		
Skilled helper					0.8	1,508		
Overtime		35,000		42,000		66,177		
Total average number of employees	3,007.7		3,308.3		3,323.7			
01 Total salaries, departmental service		4,991,065.00		5,433,237.00		5,284,629.11		
Deduct amounts received from the following sources:								
Post Office Department (stamps)		841,480.00		873,731.00		755,773.43		
Federal Reserve Board—								
Federal reserve notes		883,696.00		826,802.00		725,648.40		
Certificates of authority from Federal Reserve Board to act, etc.						24.65		
Federal Farm Loan Board—								
Farm loan bonds and debenture certificates		71,858.00		71,858.00		81,097.14		
Sight drafts						28.71		
Miscellaneous		82,331.00		59,228.00		166,056.78		
		1,879,365.00		1,831,619.00		1,728,629.11		
		3,111,700.00		3,601,618.00		3,556,000.00		
Estimated surplus for 1928				57,972.00				
Unobligated balance						337,000.00		
Total		3,111,700.00		3,659,590.00		3,893,000.00		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), data of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Plate Printing, Bureau of Engraving and Printing— For wages of rotary press plate printers, at per diem rates, and all other plate printers at piece rates to be fixed by the Secretary of the Treasury, not to exceed the rates usually paid for such work, including the wages of printers' assistants, when employed, [$1,888,000] *$1,634,600*, to be expended under the direction of the Secretary of the Treasury[: *Provided*, That no portion of this sum shall be expended for printing United States notes or Treasury notes of larger denominations than those that may be canceled or retired, except in so far as such printing may be necessary in executing the requirements of the act "To define and fix the standard of value, to maintain the parity of all forms of money issued or coined by the United States, to refund the public debt, and for other purposes," approved March 14, 1900] (*U. S. C., p. 986, sec. 178; act Jan. 26, 1927, vol. 44, p. 1036*)	$1,634,600.00	$1,888,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Clerical-mechanical service:			
Grade 1, 45 to 50 cents an hour—	*Average—*	*Average—*	*Average—*
	No. *Salary*	*No.* *Salary*	*No.* *Salary*
Junior operative	698 $1,250	780.6 $1,250	780 $1,250
Unclassified service:			
Plate printers	31 3,208 368.7 (1)	31 3,208 406.9 (1)	30.7 3,208 407.1 (1)
Overtime			10,587
Total average number of employees	1,097.7	1,218.5	1,217.8
01 Total	2,170,215.00	2,397,658.00	2,407,144.67
Deduct amounts received from the following sources:			
Post Office Department (stamps)	105,710.00	110,000.00	120,933.51
Federal Reserve Board—			
Federal reserve notes	406,701.00	390,501.00	344,938.50
Certificates of authority from Federal Reserve Board to act, etc			75.33
Federal Farm Loan Board: Farm loan bonds and debenture certificates	12,972.00	12,972.00	10,774.30
Miscellaneous	10,232.00	720.00	32,714.18
	535,615.00	514,193.00	509,435.82
	1,634,600.00	1,883,465.00	1,897,708.85
Estimated surplus for 1928		4,535.00	
Unobligated balance			19,191.15
Total	1,634,600.00	1,888,000.00	1,916,900.00

[1] Piece rates, estimated average earnings on full-time basis, $3,250.

Materials and Miscellaneous Expenses, Bureau of Engraving and Printing— For engravers' and printers' materials and other materials, including distinctive and nondistinctive paper, except distinctive paper for United States currency, national-bank currency, and Federal reserve bank currency; equipment of, repairs to, and maintenance of buildings and grounds and for minor alterations to buildings; directories, technical books, and periodicals, and books of reference, not exceeding $300; rent of warehouse in the District of Columbia; traveling expenses not to exceed $2,000; equipment, maintenance, and supplies for the emergency room for the use of all employees in the Bureau of Engraving and Printing who may be taken suddenly ill or receive injury while on duty; miscellaneous expenses, including not to exceed $1,500 for articles approved by the Secretary of the Treasury as being necessary for the protection of the person of employees; and for purchase, maintenance, and driving of necessary motor-propelled and horse-drawn passenger-carrying vehicles, when, in writing, ordered by the Secretary of the Treasury, [$1,160,000] *$950,000*, to be expended under the direction of the Secretary of the Treasury (*U. S. C., p. 986, sec. 178; act Jan. 26, 1927, vol. 44, p. 1036*)	950,000.00	1,160,000.00
During the fiscal year [1928] *1929* all proceeds derived from work performed by the Bureau of Engraving and Printing, by direction of the Secretary of the Treasury, not covered and embraced in the appropriation for said bureau for the said fiscal year, instead of being covered into the Treasury as miscellaneous receipts, as provided by the act of August 4, 1886 (Twenty-fourth Statutes, page 227), shall be credited when received to the appropriation for said bureau for the fiscal year [1928] *1929* (*act Jan. 26, 1927, vol. 44, p. 1037*).		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Materials and Miscellaneous Expenses, Bureau of Engraving and Printing—Con.					
Personal services:					
Cleaning windows, etc	$5,796.00	$5,796.00	$5,788.62		
Cleaning ink basins	1,320.00	1,320.00	1,317.45		
01 Total personal services	7,116.00	7,116.00	7,106.07		
Supplies and materials:					
0200 Stationery and office supplies	910.00	910.00	911.29		
0210 Medical and hospital supplies	2,500.00	2,840.00	2,838.33		
0220 Books of reference	300.00	300.00	292.66		
0230 Coal	82,630.90	82,630.90	82,202.16		
0240 Wearing apparel	1,500.00	1,500.00	1,470.17		
0280 Electrotypes	15,985.00	15,985.00	15,983.78		
Garage supplies	15,840.00	15,840.00	15,837.23		
Household supplies	12,250.00	14,100.00	14,075.31		
Chemicals and acids, etc	28,775.00	33,100.00	32,103.27		
Hardware	103,325.00	114,150.00	111,144.43		
Castings	3,450.00	3,650.00	3,648.93		
Electrical supplies	30,100.00	33,150.00	33,149.56		
Lumber	12,000.00	13,000.00	12,944.63		
Miscellaneous	75,000.00	78,900.00	76,420.37		
0290 Dextrine	39,000.00	39,325.00	32,822.74		
Dry colors	265,773.00	320,198.00	319,333.99		
Steel plates, etc	40,500.00	52,500.00	47,461.80		
Plate oils, etc	97,885.00	123,214.00	121,542.89		
Check paper	31,210.00	31,210.00	31,431.90		
Localized fiber paper	403,375.00	392,720.00	351,697.23		
Postage-stamp paper	148,350.00	154,100.00	131,102.27		
Revenue paper	171,300.00	170,600.00	173,593.42		
Miscellaneous paper	65,200.00	67,500.00	67,344.37		
Paper boxes and blanks	3,500.00	3,500.00	3,403.99		
Textiles	130,000.00	154,150.00	155,647.73		
Glue and alum	4,500.00	4,825.00	4,819.02		
Miscellaneous items	44,275.00	49,300.00	47,949.80		
02 Total supplies and materials	1,829,433.90	1,973,197.90	1,891,173.27		
Communication service:					
0500 Telegraph service	45.00	45.00	42.31		
0510 Telephone service	4,000.00	4,000.00	4,002.52		
05 Total communication service	4,045.00	4,045.00	4,044.83		
06 Traveling expense	2,000.00	2,000.00	609.06		
07 Transportation of things (service)	5,400.00	6,000.00	6,006.20		
08 Printing and binding	300.00	300.00	302.70		
09 Advertising	885.00	885.00	885.14		
Furnishing heat, light, and power:					
1030 Electric current	65,500.00	70,000.00	69,741.10		
Gas	2,313.10	2,361.34	2,317.98		
10 Total heat, light, and power	67,813.10	72,361.34	72,059.08		
11 Rent	3,600.00	3,600.00	3,600.00		
Equipment:					
3000 Automobiles			1,092.50		
3010 Furniture and fixtures	6,365.00	6,365.00	6,364.71		
3050 Machinery	100,000.00	161,561.76	247,485.66		
Trucks			6,060.00		
30 Total equipment	106,365.00	167,926.76	261,002.87		
	2,026,958.00	2,237,432.00	2,246,789.22		
Deduct amounts received from the following sources:					
Post Office Department (stamps)	537,810.00	564,269.00	473,900.70		
Federal Reserve Board—					
Federal Reserve notes	514,653.00	494,152.00	488,024.10		
Certificates of authority from Federal Reserve Board to act, etc			18.29		
Federal Farm Loan Board—					
Farm loan bonds and debenture certificates	11,727.00	11,727.00	14,169.50		
Sight drafts			3.64		
Miscellaneous	12,768.00	7,284.00	37,614.28		
	1,076,958.00	1,077,432.00	1,013,730.51		
			1,233,058.71		
Unobligated balance			254,441.29		
Total	950,000.00	1,160,000.00	1,487,500.00		
Total, Bureau of Engraving and Printing				$6,207,795.00	$7,172,590.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
SECRET SERVICE DIVISION		
Salaries, Secret Service Division—		
Secret Service Division, salaries: For the chief of the division and other personal services in the District of Columbia, in accordance with the classification act of 1923 (*act Jan. 26, 1927, vol. 44, p. 1037*)	$28,740.00	$27,640.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Clerical, administrative, and fiscal service—	*Average*—		*Average*—		*Average*—	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 13, $6,000 to $7,500; average, $6,750—						
Executive officer (chief of bureau)	1	$7,000	1	$6,500	0.9	$6,054
Grade 12, $5,200 to $6,000; average, $5,600—						
Senior administrative officer—						
Chief of bureau					0.1	5,800
Assistant chief of bureau	1	5,600	1	5,400	0.6	5,229
Grade 11, $3,800 to $5,000; average, $4,400—						
Administrative officer (assistant chief of bureau)					0.1	4,600
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	1	2,400	1	2,300	0.7	2,200
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk-stenographer	1	2,100	1	2,100	1	2,100
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	1	1,920	1	1,920	1	1,920
Accounting and auditing assistant	1	1,800	1	1,740	1	1,740
Grade 3, $1,500 to $1,860; average, $1,680—						
Junior clerk-stenographer	1	1,680	1	1,680	1	1,680
Assistant clerk	3	1,680	2	1,680	2	1,680
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk			1	1,500	1	1,500
Custodial service—						
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger	1	1,200	1	1,140	1	1,140
Total average number of employees	11		11		10.4	
01 Total salaries, departmental service		28,740		27,640		24,511
Unobligated balance						669
		28,740		27,640		25,180
The difference between 1929 and 1928 is due to increase in salaries, $1,100.						

Suppressing Counterfeiting and Other Crimes—

Suppressing counterfeiting and other crimes: For expenses incurred under the authority or with the approval of the Secretary of the Treasury in detecting, arresting, and delivering into the custody of the United States marshal having jurisdiction dealers and pretended dealers in counterfeit money and persons engaged in counterfeiting, forging, and altering United States notes, bonds, national-bank notes, Federal reserve notes, Federal reserve bank notes, and other obligations and securities of the United States and of foreign governments, as well as the coins of the United States and of foreign governments, and other crimes against the laws of the United States relating to the Treasury Department and the several branches of the public service under its control; hire and operation of motor-propelled passenger-carrying vehicles when necessary; purchase of arms and ammunition; traveling expenses; and for no other purpose whatever, except in the protection of the person of the President and the members of his immediate family and of the person chosen to be President of the United States, [$495,000] *$523,000*: *Provided*, That no part of this amount be used in defraying the expenses of any person subpœnaed by the United States courts to attend any trial before a United States court or preliminary examination before any United States commissioner, which expenses shall be paid from the appropriation for "Fees of witnesses, United States courts" [: *Provided further*, That no person shall be employed hereunder at a compensation greater than that allowed by law] (*act Jan. 26, 1927, vol. 44, p. 1037*) — 523,000.00 — 495,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average*—		*Average*—		*Average*—	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $3,800 to $5,000; average, $4,400—						
Principal operative	3	$4,400	3	$4,400	3	$4,400
Salary range, $3,300 to $3,900; average, $3,600—						
Operative	25	3,500	17	3,500	17.9	3,251
Salary range, $3,000 to $3,500; average, $3,300—						
Operative	17	3,000	16	3,000	16.3	3,000
Salary range, $2,700 to $3,300; average, $3,000—						
Operative	35	2,800	37	2,800	33.5	2,800

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Suppressing Counterfeiting and Other Crimes—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service—Continued.						
Salaries and wages—Continued.	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $2,400 to $3,000; average, $2,700—Operative	29	$2,500	25	$2,500	17.8	$2,500
Salary range, $2,100 to $2,700; average, $2,400—Operative	25	2,300	31	2,300	19.1	2,239
Salary range, $1,680 to $2,040; average, $1,860—Clerk	16	1,800	11	1,800	14.2	1,840
Total average number of employees	150		140		121.8	
		408,500		377,900		327,484
Miscellaneous personal services				4,000		11,527
01 Total salaries and wages, field service		408,500		381,900		339,011
The difference between 1929 and 1928 is due to increase in force, $26,600.						
02 Stationery and office supplies		600.00		600.00		598.95
Communication service:						
0500 Telegraph service		3,000.00		3,000.00		1,957.57
0510 Telephone service		7,500.00		7,500.00		7,491.13
0520 Other communication service		650.00		650.00		491.92
05 Total communication service		11,150.00		11,150.00		9,940.62
Travel expenses:						
0615 Transportation		43,900.00		81,500.00		35,143.02
0616 Subsistence [1]		49,000.00				40,277.64
06 Total travel expenses		92,900.00		81,500.00		75,420.66
07 Transportation of things (service)		200.00		200.00		143.21
08 Photographing and photographs and prints		750.00		750.00		508.30
11 Rents (motor vehicles)		3,500.00		3,500.00		3,394.60
13 Special and miscellaneous current expenses		4,700.00		4,700.00		2,891.66
30 Equipment (typewriters, etc.)		700.00		700.00		375.00
				485,000.00		432,284.00
Unobligated balance						27,716.00
Reserve				10,000.00		
Total		523,000.00		495,000.00		460,000.00

[1] The amounts shown in columns of 1927 and 1929 for this item were included in transportation for the 1928 estimates.

Total, Secret Service Division	$551,740.00	$522,640.00

PUBLIC HEALTH SERVICE

Salaries, Office of the Surgeon General, Public Health Service— Salaries, Office of the Surgeon General: For personal services in the District of Columbia, in accordance with the classification act of 1923 (*U. S. C., p. 1313, sec. 1; act Jan. 26, 1927, vol. 44, p. 1037*)	[1] 300,000.00	103,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Subprofessional service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 8, $2,400 to $3,000; average, $2,700—Assistant superintendent of nurses	1	$2,600				
Grade 7, $2,100 to $2,700; average, $2,400—Principal library assistant	1	2,300	1	$2,300	1	$2,200
Grade 5, $1,680 to $2,040; average, $1,860—Library assistant	1	1,860				
Clerical, administrative, and fiscal service—						
Grade 10, $3,300 to $3,900; average, $3,600—Junior administrative officer (chief, finance and accounts)	1	3,700				
Grade 9, $3,000 to $3,600; average, $3,300—						
Senior administrative assistant (chief clerk)	1	3,400				
Executive clerk	1	3,300				
Superintendent of nurses	1	3,200				
Grade 7, $2,400 to $3,000; average, $2,700—Junior administrative assistant (secretary to Surgeon General)	1	2,900				
Chief of section	1	2,800				
Assistant chief clerk	1	2,600				
Technical assistant	1	2,600	1	2,600	1	2,500
Statistician	1	2,600	1	2,600	1	2,500
Editorial clerk	1	2,600	1	2,600	1	2,500

[1] The departmental force under "Pay of personnel," etc., is included in this estimate for 1929.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries, Office of the Surgeon General, Public Health Service—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service—Continued.						
Salaries—Continued.						
Clerical, administrative, and fiscal service—Con.	*Average—*		*Average—*		*Average—*	
Grade 6, $2,100 to $2,700; average, $2,400—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Principal clerk	8	$2,425	1	$2,200	0.8	$2,130
Grade 5, $1,860 to $2,400; average, $2,100—						
Senior clerk	8	2,127	4	2,030	3.9	2,019
Senior transportation rate and traffic clerk	1	2,300	1	2,300	1	2,300
Senior accounting and auditing assistant	1	2,300				
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	15	1,810	4	1,770	4	1,710
Clerk-stenographer	6	1,880	2	1,770	2	1,740
Head operator, office devices	2	1,800				
Accounting and auditing assistant	2	1,980	1	2,040	1	2,040
Translator	1	1,680	1	1,680	1	1,680
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	33	1,671	10	1,650	9.7	1,650
Senior stenographer	5	1,608	2	1,560	1.8	1,580
Assistant clerk-stenographer	16	1,592	8	1,540	6	1,524
Junior transportation rate and traffic clerk	2	1,769				
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	12	1,464	5	1,404	6	1,394
Senior typist	3	1,380				
Junior stenographer	4	1,470	3	1,380	1.7	1,398
Junior clerk-typist	5	1,416	3	1,460	3	1,460
Junior clerk-stenographer	7	1,413	2	1,440	2.7	1,409
Junior operator, office devices	2	1,500				
Grade 1, $1,140 to $1,500: average, $1,320—						
Underclerk	5	1,356	2	1,440	2	1,440
Underclerk-typist	2	1,140	1	1,140	2	1,140
Underoperator, office devices	1	1,260	1	1,260	1	1,260
Custodial service—						
Grade 7, $1,680 to $2,040; average, $1,860—						
Senior mechanic	1	1,860				
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger	6	1,150	2	1,110	2	1,080
Senior laborer	2	1,080	1	1,020	1	1,020
Minor mechanic	5	1,092	4	1,060	4	1,037
Grade 2, $900 to $1,140; average, $1,020—						
Assistant messenger	2	960				
Junior laborer	2	960	2	960	2	930
Subordinate mechanic	1	900	1	900	1	900
Grade 1, $600 to $780; average, $690—						
Junior messenger	6	610				
Total average number of employees	179		65		63.6	
01 Total salaries, departmental service		300,000		103,000		98,982

Pay, etc., Commissioned Officers and Pharmacists, Public Health Service—
For pay, allowance, and commutation of quarters for commissioned medical officers, including the Surgeon General, assistant surgeons general at large not exceeding three in number, and pharmacists (*U. S. C., p. 1185, sec. 1; p. 1313, sec. 1; act Jan. 26, 1927, vol. 44, p. 1037*) ..... $1,214,474.00 | $1,200,000.00

	Rate	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Commissioned medical officers—		*Number*	*Number*	*Number*
Surgeon General	$6,000	1	1	1
Assistant Surgeon General at large	$4,500–6,000	3	3	3
Assistant Surgeon General	3,750–5,800	7	7	8
Senior surgeon	3,375–5,750	21	22	22
Surgeon	3,000–5,250	120	131	131
Passed assistant surgeon	2,340–4,040	24	24	22
Assistant surgeon	2,000–2,200	35	28	29
Total number of commissioned officers		220	216	216
Total salaries		$835,454.37	$828,943.83	$796,760.44
Allowances		269,879.63	263,736.17	265,529.31
Total commissioned medical officers		1,105,334.00	1,092,680.00	1,062,289.75
Field service:				
Salaries and wages—		*Average—*	*Average—*	*Average—*
Salary range, $3,000 to $3,600; average, $3,300—		*No.* *Salary*	*No.* *Salary*	*No.* *Salary*
Chief pharmacist		32 $3,391	33 $3,303	31.9 $3,500
Salary range, $2,400 to $3,000; average, $2,700—				
Junior pharmacist		4 2,500	3 2,500	0.6 2,500
Total average number of employees		36	36	32.5
Total salaries and wages, field service		118,512.00	116,499.00	113,150.00
Deduct allowance value subsistence, lodging, etc. furnished		9,372.00	9,179.00	9,360.00
Cash payment, salaries and wages		109,140.00	107,320.00	103,790.00
01 Total personal services		1,214,474.00	1,200,000.00	1,171,429.75
The difference between 1929 and 1928 is due to automatic promotions and longevity increases, changes in pay periods, and dependents and quarters status, $14,474.				
Unobligated balance				3,570.25
Total		1,214,474.00	1,200,000.00	1,175,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Pay of Acting Assistant Surgeons, Public Health Service— For pay of acting assistant surgeons (noncommissioned medical officers) (*U. S. C., p. 1313, sec. 1; act Jan. 26, 1927, vol. 44, p. 1037*)	$300,000.00	$300,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average*—		*Average*—		*Average*—	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $3,800 to $5,000; average, $4,400—						
Acting assistant surgeon	5	$4,160	5	$4,150	4	$4,150
Salary range, $3,300 to $3,900; average, $3,600—						
Acting assistant surgeon	18	3,561	18	3,488	20	3,525
Salary range, $3,000 to $3,600; average, $3,300—						
Acting assistant surgeon	29	3,024	26	3,044	25.6	3,021
Salary range, $2,700 to $3,300; average, $3,000—						
Acting assistant surgeon	14	2,757	16	2,769	13.9	2,764
Salary range, $2,400 to $3,000; average, $2,700—						
Acting assistant surgeon	9	2,411	7	2,400	8.3	2,412
Salary range, $2,100 to $2,700; average, $2,400—						
Acting assistant surgeon	3	2,200	6	2,156	4	2,175
Salary range, $1,860 to $2,400; average, $2,100—						
Acting assistant surgeon	3	1,987	4	1,924	3.1	1,963
Salary range, $1,680 to $2,040; average, $1,860—						
Acting assistant surgeon	7	1,774	6	1,770	8	1,790
Salary range, $1,500 to $1,860; average, $1,680—						
Acting assistant surgeon	1	1,500			1	1,500
Salary range, $1,320 to $1,680; average, $1,500—						
Acting assistant surgeon	4	1,440	6	1,440	4	1,440
Salary range, $1,140 to $1,500; average, $1,320—						
Acting assistant surgeon	16	1,193	11	1,189	13.3	1,191
Salary range, $1,020 to $1,260; average, $1,140—						
Acting assistant surgeon	2	1,065	1	1,140	1	1,080
Salary range, $900 to $1,140; average, $1,020—						
Acting assistant surgeon	3	920	8	908	4	915
Salary range, $780 to $1,020; average, $900—						
Acting assistant surgeon	6	830	6	830	5.9	830
Salary range, $600 to $780; average, $690—						
Acting assistant surgeon	4	630	3	640	4	630
Salary range, $420 to $600; average, $510—						
Acting assistant surgeon	4	495	7	489	4.6	493
Salary range, $240 to $420; average, $330—						
Acting assistant surgeon	10	299	9	331	9.6	299
Special and miscellaneous payments for personal services—						
Part time acting assistant surgeons on fee or per diem basis		6,282		6,401		9,037
Total average numberof employees	138		139		134.3	
Total salaries and wages, field service		307,860.00		304,860.00		301,414.56
Deduct allowance value of subsistence, lodging, etc., furnished		7,860.00		7,860.00		8,286.00
01 Cash payment, salaries and wages		300,000.00		297,000.00		293,128.56
Unobligated balance						6,871.44
Reserve				3,000.00		
Total		300,000.00		300,000.00		300,000.00

Pay of Other Employees, Public Health Service— For pay of all other employees (attendants, and so forth) (*U. S. C., p. 1313, sec. 1; act Jan. 26, 1927, vol. 44, p. 1037*)	980,000.00	990,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average*—		*Average*—		*Average*—	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $6,000 to $7,500; average, $6,750—						
Professor of pharmacology	1	$7,000	1	$7,000	1	$7,000
Professor of zoology	1	7,000	1	7,000	1	7,000
Professor of chemistry	1	7,000	1	6,000	1	6,500
Senior sanitary engineer	1	6,000	1	6,000	1	6,000
Salary range, $5,200 to $6,000; average, $5,600—						
Sanitary engineer	3	5,200	3	5,200	3	5,200
Associate sanitary engineer			1	5,200		
Bacteriologist	1	5,200			0.8	5,200
Salary range, $3,800 to $5,000; average, $4,400—						
Senior pharmacologist	1	5,000			0.6	5,000
Sanitary engineer	1	5,000			0.5	5,000
Associate sanitary engineer	3	4,200	5	4,200	3.7	4,200
Pathologist	1	4,200			0.5	4,200
Biologist			1	4,200	0.2	4,200
Associate bacteriologist					0.2	4,200
Chemist	3	4,000	1	3,800	1.5	3,880
Pharmacologist	1	4,000				
Senior chemist	1	3,800	1	3,800	1	3,800
Salary range, $3,300 to $3,900; average, $3,600—						
Associate bacteriologist	2	3,600	2	3,600	2	3,600
Chemist			2	3,600	1.5	3,600
Pathologist			1	3,600	0.5	3,600
Administrative assistant	1	3,300	1	3,300	1	3,300
Clerk			1	3,300		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Pay of Other Employees, Public Health Service—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average—		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Field service—Continued.						
Salaries and wages—Continued.						
Salary range, $3,000 to $3,600; average, $3,300—						
Assistant sanitary engineer	1	$3,200	1	$3,200	1.4	$3,200
Chemist			1	3,200	0.8	3,200
Special expert	1	3,000	1	3,000	1	3,000
Clerk	1	3,000	1	3,000	1.3	3,000
Salary range, $2,700 to $3,300; average, $3,000—						
Administrative assistant	2	2,900	2	2,900	2	2,900
Scientific assistant	2	2,800	2	2,800	2	2,800
Clerk	2	2,750	1	2,800	2	2,750
Chief sanitary inspector	1	2,700	1	2,700	1	2,700
Salary range, $2,400 to $3,000; average, $2,700—						
Station engineer	2	2,550	2	2,500	2.4	2,558
Marine engineer	2	2,550	3	2,567	2	2,550
Pilot	5	2,500	5	2,480	5	2,500
Assistant chemist	2	2,450	2	2,450	2	2,450
Clerk	4	2,400	4	2,475	3	2,400
Assistant pharmacologist	2	2,400	2	2,400	1.4	2,400
Chemist	1	2,400	1	2,400	1	2,400
Bacteriologist	1	2,400			0.5	2,400
Salary range, $2,100 to $2,700; average, $2,400—						
Acting chief nurse	1	2,300	1	2,300	1	2,300
Electrician	1	2,300	1	2,200	1	2,300
Interpreter	1	2,200	1	2,200	1	2,200
Pilot	10	2,170	9	2,167	8.3	2,013
Station engineer	4	2,150	2	2,150	3.8	2,049
Marine engineer	6	2,150	4	2,215	5.1	2,159
Special nurse	1	2,100	1	2,100	1	2,100
Assistant chemist	1	2,100	1	2,100	1	2,100
Junior sanitary inspector	1	2,100	1	2,100	1	2,100
Assistant sanitary inspector	4	2,100	4	1,100	3.8	2,100
Bacteriological technician	1	2,100	1	2,100	1	2,100
Foreman fumigator	1	2,100	1	2,100	1	2,100
Fumigator	1	2,100	1	2,100	1	2,100
Assistant bacteriologist	1	2,100				
Artist	1	2,100	1	2,100	0.6	2,100
Bibliographer	1	2,100	1	2,100	1	2,100
Clerk					0.6	2,100
Salary range, $1,860 to $2,400; average, $2,100—						
Marine engineer	11	1,942	10	1,968	12.6	1,955
Pilot	5	1,955	5	1,960	4.9	1,956
Carpenter	1	1,980	1	1,740	1	1,980
Clerk	9	1,930	6	1,930	8.1	1,928
Cook	1	1,920	1	1,920	1	1,920
Druggist	1	1,920	1	1,920	1	1,920
General mechanic	1	1,980	1	1,980	1	1,980
Head nurse	2	1,980	2	2,040	2	1,980
Nurse			1	1,920		
Assistant chemist	1	2,040	1	2,040	1.8	1,960
Library assistant	1	1,860	1	1,860	1	1,860
Cabinetmaker	1	2,040	1	2,040	1	2,040
Mechanic	1	2,040	1	2,040	1	2,040
Mechanician	1	1,860	1	1,860	1	1,860
Station engineer	5	1,932	8	1,935	5.3	1,935
Boiler man	1	1,860	1	1,860	1	1,860
Assistant sanitary inspector	6	1,940	8	1,830	4.3	1,941
Junior sanitary inspector	1	1,860	1	1,680		
Foreman inspector	3	1,960	1	2,040	3	1,960
Fumigator	1	1,860	1	1,860	2	1,800
Laboratory assistant	1	1,860				
Salary range, $1,680 to $2,040; average, $1,860—						
Pilot	6	1,780	7	1,774	6.7	1,775
Boiler man			1	1,740	0.3	1,740
Launch man	2	1,740	2	1,740	2	1,740
Inspector			4	1,725		
Assistant sanitary inspector	4	1,770	3	1,780	3.5	1,752
Sanitary inspector	1	1,800			1	1,800
Foreman fumigator	10	1,740	11	1,740	10.1	1,728
Fumigator	5	1,716	7	1,723	4.1	1,724
Carpenter	7	1,731	6	1,740	7	1,731
Plumber	1	1,800	1	1,800	1	1,800
Station engineer	8	1,740	8	1,718	9	1,735
Boatman	1	1,680	1	1,680	1	1,680
Marine engineer	7	1,774	8	1,770	7	1,774
Special expert	1	1,800	1	1,800	1	1,800
Laboratory assistant	4	1,740	2	1,710	4.8	1,743
Laboratory aid	2	1,740	3	1,740	1.5	1,740
Clerk	12	1,720	13	1,725	12	1,720
Special nurse	1	1,740	1	1,680	1.1	1,745
Watchman	1	1,680			1	1,680
Shore man	1	1,740			1	1,740
Painter	1	1,800	1	1,800	1	1,800
Chauffeur	1	1,800	1	1,800	1	1,800
Auto mechanic	1	1,740			1	1,740
Labor foreman	1	1,680			0.2	1,680
Salary range, $1,500 to $1,860; average, $1,680—						
Labor foreman	1	1,620	2	1,590	1.6	1,690
Marine fireman	4	1,530	3	1,500	4	1,530
Station fireman	2	1,500	2	1,600	2.3	1,600
Junior sanitary inspector	9	1,593	4	1,500	9	1,588
Assistant sanitary inspector					2.3	1,527
Cook	2	1,500	3	1,620	2	1,500

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Pay of Other Employees, Public Health Service—Continued.

	Estimated expenditures, 1929 appropriation		Estimate expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average—		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Field service—Continued.						
Salaries and wages—Continued.						
Salary range, $1,500 to $1,860; average, $1,680—Con.						
Chauffeur	3	$1,500	3	$1,500	2.9	$1,500
Foreman fumigator	7	1,534	8	1,545	7	1,534
Fumigator	11	1,560	14	1,560	16	1,569
Station engineer	3	1,580	2	1,620	2.5	1,596
Laboratory aid	1	1,560	1	1,560	1	1,560
Laboratory assistant			2	1,560	0.5	1,560
Laboratory attendant	3	1,540	3	1,540	3.2	1,541
Inspector	18	1,587	22	1,577	18	1,597
Marine engineer	3	1,540	4	1,560	3	1,540
Watchman	1	1,500	1	1,500	1	1,500
Clerk	5	1,524	4	1,560	3.4	1,535
Pilot	4	1,530	3	1,540	3.5	1,534
Guard			1	1,560		
Deck hand	2	1,530	2	1,500	2.5	1,524
General mechanic	1	1,500	1	1,500	1	1,500
Carpenter	3	1,540	4	1,545	3.6	1,544
Painter	1	1,620	1	1,500	1	1,536
Special nurse	1	1,560	1	1,560	1	1,560
Attendant	18	1,500	13	1,500	19.6	1,500
Salary range, $1,320 to $1,680; average, $1,500—						
Attendant	24	1,376	31	1,374	25.3	1,376
Deck hand	5	1,428	8	1,403	4.5	1,427
Cook	8	1,462	6	1,410	7.3	1,407
Clerk	9	1,373	9	1,387	9.5	1,377
Station engineer	2	1,410	3	1,380	2.5	1,404
Inspector	2	1,380	2	1,380	2	1,380
Junior sanitary inspector	6	1,380	5	1,392	7.4	1,392
Laboratory aid	2	1,440	4	1,440	2	1,440
Laboratory attendant	12	1,389	6	1,390	10.5	1,406
Painter	1	1,320	1	1,320	1	1,320
Carpenter	3	1,400	1	1,440	3.1	1,401
Station fireman			1	1,320		
Marine fireman	6	1,420	3	1,440	5.3	1,417
Guard	2	1,440	3	1,440	2	1,440
Matron	1	1,440	1	1,440	1	1,440
Laborer-fumigator	19	1,370	22	1,375	18.5	1,380
Watchman	1	1,380	1	1,380	1	1,380
Pilot	2	1,425	3	1,420	2.1	1,425
Marine engineer	4	1,422	3	1,400	4	1,425
Gardener	1	1,320			0.3	1,320
Salary range, $1,140 to $1,500; average, $1,320—						
Junior sanitary inspector	12	1,200	6	1,200	10.2	1,200
Carpenter	2	1,230	3	1,240	2	1,230
Clerk	7	1,200	8	1,193	6.9	1,193
Laborer-fumigator	1	1,260	1	1,200	1	1,260
Fumigator	6	1,210	11	1,211	8.8	1,207
Inspector	2	1,200	3	1,200	2	1,200
Laborer	11	1,175	12	1,175	11	1,176
Laboratory assistant			1	1,260	1	1,260
Laboratory attendant	12	1,210	15	1,236	12.8	1,220
Cook	3	1,240	7	1,243	3.2	1,237
Marine engineer	2	1,170	2	1,230	2	1,170
Pilot			1	1,260	0.4	1,260
Boatman	1	1,140			0.2	1,140
Station engineer			1	1,260	0.8	1,140
Marine fireman			1	1,260	0.8	1,260
Special nurse	1	1,140	1	1,140	1	1,140
Deckhand	7	1,190	6	1,190	5.8	1,200
Guard	1	1,140	1	1,140	1	1,140
Chauffeur	1	1,200	1	1,200	1	1,200
Gardener			1	1,200	0.7	1,200
Caretaker	2	1,140			2	1,140
Attendant	64	1,217	52	1,220	54.9	1,223
Salary range, $1,020 to $1,260; average, $1,140—						
Junior sanitary inspector	1	1,080			0.3	1,080
Boatman	2	1,020	2	1,020	2.8	1,020
Cook	4	1,050	5	1,056	3	1,040
Laborer	5	1,080	5	1,080	4.8	1,080
Engineer	1	1,080	1	1,020		
Guard	1	1,080	1	1,080		
Fumigator	4	1,080	3	1,080	3.8	1,080
Clerk			1	1,080		
Attendant	52	1,054	57	1,054	55.9	1,055
Salary range, $900 to $1,140; average, $1,020—						
Matron	1	900				
Boatman	1	960	1	960	1	960
Watchman	1	960	1	960	1	960
Clerk					1	1,086
Laboratory attendant					0.3	975
Attendant	16	938	16	941	17.8	943
Salary range, $780 to $1,020; average, $900—						
Clerk	1	840	1	840	0.9	840
Fumigator			1	840	0.2	840
Laborer	10	840	10	840	9.9	840
Attendant	4	825	2	840	3	840
Salary range, $600 to $780; average, $690—						
Fumigator			1	600		
Consulting bacteriologist			1	600		
Boatman	1	720	1	600	1	648
Attendant	9	697	9	697	9.2	690

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Pay of Other Employees, Public Health Service—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service—Continued.						
Salaries and wages—Continued.	*Average—*		*Average—*		*Average—*	
Salary range, $420 to $600; average, $510—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Matron			1	$540	1	$540
Boatman	2	$480	2	480	2	480
Attendant	6	500	7	500	6	500
Salary range, $240 to $420; average, $330—						
Attendant			1	390	1	390
	689	1,088,628	697	1,089,880	689.9	1,081,970
Special and miscellaneous payments for personal services (collaborating epidemiologists and personnel on fee basis, part time and per diem employees)	66	[1] 1,200	56	[1] 1,155	58	[1] 633
Total average number of employees	755		753		747.9	
Total salaries and wages, field service		1,089,828		1,091,035		1,082,633
Deduct allowances value of subsistence, lodging, etc., furnished		109,828		106,035		104,285
01 Cash payment, salaries and wages		980,000		985,000		978,348
Unobligated balance						21,652
Reserve				5,000		
Total		980,000		990,000		1,000,000
The difference between 1929 and 1928 is due to decrease in force, $10,000.						

[1] Represents total and not rate per annum.

Freight, Transportation, etc., Public Health Service—

For freight, transportation, and traveling expenses, including the expenses, except membership fees, of officers when officially detailed to attend meetings of associations for the promotion of public health, and the packing, crating, drayage, and transportation of the personal effects of commissioned officers, scientific personnel, pharmacists, and nurses of the Public Health Service, upon permanent change of station (*U. S. C., p. 1313, sec. 1; act Jan. 26, 1927, vol. 44, p. 1037*) $29,000.00 $25,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
06 Travel expenses	$20,000.00	$17,360.00	$17,279.70
07 Transportation of things	9,000.00	7,700.00	7,720.30
Total	29,000.00	25,000.00	25,000.00

Maintenance, Hygienic Laboratory, Public Health Service—

For maintaining the Hygienic Laboratory (*U. S. C., p. 1313, sec. 1; act Jan. 26, 1927, vol. 44, p. 1038*) 43,000.00 43,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Supplies and materials:			
0205 Cleaning and toilet supplies	$100.00	$100.00	$96.81
0211 Drugs and medicinal preparations	1,800.00	1,800.00	1,700.51
0214 Laboratory supplies	2,700.00	2,700.00	2,563.24
0230 Fuel	1,700.00	1,700.00	1,632.26
0250 Forage and other supplies for animals	7,500.00	7,500.00	7,360.87
0284 Miscellaneous supplies	2,500.00	2,500.00	2,261.64
0290 Materials	1,000.00	1,000.00	1,094.59
02 Total supplies and materials	17,300.00	17,300.00	16,709.95
Communication service:			
0500 Telegraph service	25.00	25.00	16.55
0510 Telephone service	700.00	700.00	699.81
05 Total communication service	725.00	725.00	716.36
07 Transportation of things (service)	600.00	600.00	550.82
10 Electricity and gas	6,700.00	6,700.00	6,683.79
12 Repairs and alterations	375.00	375.00	368.52
13 Special and miscellaneous current expenses	500.00	500.00	463.62

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Maintenance, Hygienic Laboratory, Public Health Service—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Equipment:			
3010 Furniture, furnishings, and fixtures	$300.00	$300.00	$262.38
3021 Educational equipment	3,000.00	3,000.00	2,961.36
3022 Scientific equipment	6,000.00	6,000.00	6,097.97
3040 Laboratory animals	7,500.00	7,500.00	7,573.81
Total equipment	16,800.00	16,800.00	16,895.52
		43,000.00	42,388.58
nobligated balance			611.42
Total	43,000.00	43,000.00	43,000.00

Preparation and Transportation of Remains of Officers, Public Health Service—
For preparation for shipment and transportation to their former homes of remains of officers who die in the line of duty (*U. S. C., p. 1313, sec. 1; act Jan. 26, 1927, vol. 44, p. 1038*) $2,000.00 $2,000.00

2250 Burial expenses: Expenditures—1929, $2,000; 1928, $2,000; 1927, $348.

Books, Public Health Service—
For journals and scientific books (*U. S. C., p. 1313, sec. 1; act Jan. 26, 1927, vol. 44, p. 1038*) 500.00 500.00

0220 Scientific and educational supplies (medical books and scientific journals): Expenditures—1929, $500; 1928, $500; 1927, $499.17.

Pay of Personnel and Maintenance of Hospitals, Public Health Service—
For medical examinations, including the amount necessary for the medical inspection of aliens, as required by section 16 of the act of February 5, 1917, medical, surgical, and hospital services and supplies, including prosthetic and orthopedic supplies to be furnished under regulations approved by the Secretary of the Treasury, for beneficiaries (other than patients of the United States Veterans' Bureau) of the Public Health Service and persons detained *in hospitals of the Public Health Service* under the immigration laws and regulations [at Ellis Island Immigration Station,] including necessary personnel, regular and reserve commissioned officers of the Public Health Service, personal services in the District of Columbia and elsewhere, *including the furnishing and laundering of white duck coats, trousers, smocks, aprons, and caps to employees whose duties make necessary the wearing of same*, maintenance, minor repairs, equipment, leases, fuel, lights, water, freight, transportation and travel, maintenance, exchange and operation of motor trucks and passenger motor vehicles, and including not exceeding $3,000 for the purchase of passenger motor vehicles (at a cost not to exceed $1,000 each, including the value of any vehicle exchanged, except for ambulances), transportation, care, maintenance, and treatment of lepers, including transportation to their homes in the continental United States of recovered indigent leper patients, court costs, and other expenses incident to proceedings heretofore or hereafter taken for commitment of mentally incompetent persons to hospitals for the care and treatment of the insane, and reasonable burial expenses (not exceeding $100 for any patient dying in hospital), [$5,325,000] *$5,150,000* [, of which not to exceed $198,300 may be expended for personal services in the District of Columbia]: *Provided*, That the Immigration Service shall permit the Public Health Service to use the hospitals at Ellis Island Immigration Station for the care of Public Health Service patients free of expense for physical upkeep, but with a charge of actual cost of fuel, light, water, telephone, and similar supplies and services, to be covered into the proper Immigration Service appropriations; and moneys collected by the Immigration Service on account of hospital expenses of persons detained *in hospitals of the Public Health Service* under the immigration laws and regulations [at Ellis Island Immigration Station] shall be covered into the Treasury as miscellaneous receipts: *Provided further*, That no part of this sum shall be used for the quarantine service, the prevention of epidemics, or scientific work of the character provided for under the appropriations which follow (*U. S. C., p. 1313, sec. 1; act Jan. 26, 1927, vol. 44, p. 1038*) ..... [1] 5,150,000.00 5,325,000.00

[1] Departmental salaries for 1929 included under "Salaries, office of Surgeon General."

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Pay of Personnel and Maintenance of Hospitals, Public Health Service—Contd.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average— No.	Salary	*Average—* No.	Salary	*Average—* No.	Salary
Departmental service:[1]						
Salaries—						
Subprofessional service—						
Grade 8, $2,400 to $3,000; average, $2,700—						
Assistant superintendent of nurses			1	$2,600	1	$2,470
Grade 6, $1,860 to $2,400; average, $2,100—						
Senior social service worker					0.4	2,100
Grade 5, $1,680 to $2,040; average, $1,860—						
Library assistant			1	1,860	1	1,800
Clerical, administrative, and fiscal service—						
Grade 10, $3,300 to $3,900; average, $3,600—						
Junior administrative officer (chief, finance and accounts)			1	3,700	1	3,670
Grade 9, $3,000 to $3,600; average, $3,300—						
Senior administrative assistant (chief clerk)			1	3,400	1	3,400
Executive clerk			1	3,300	1	3,200
Superintendent of nurses			1	3,200	1	3,069
Grade 8, $2,700 to $3,300; average, $3,000—						
Assistant traffic manager					0.3	2,700
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant (secretary to Surgeon General)			1	2,900	1	2,900
Chief of section			1	2,800	1	2,700
Commodity chief					3	2,633
Assistant chief clerk			1	2,600	0.3	2,500
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk			7	2,457	7	2,344
Grade 5, $1,860 to $2,400; average, $2,100—						
Senior clerk			4	2,205	8.6	2,095
Senior transportation rate and traffic clerk					0.8	1,860
Senior accounting and auditing assistant			1	2,300	1	2,300
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk			11	1,838	12.3	1,805
Principal stenographer					0.6	1,980
Clerk stenographer			4	1,935	3.1	1,864
Head operator, office devices			2	1,800	2	1,722
Accounting and auditing assistant			1	1,920	1	1,920
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk			23	1,677	30.8	1,616
Senior stenographer			3	1,640	4	1,680
Assistant clerk-stenographer			8	1,643	6.6	1,640
Junior transportation rate and traffic clerk			2	1,770	2.6	1,710
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk			7	1,508	9.5	1,501
Senior typist			3	1,380	3.2	1,372
Junior stenographer			2	1,530	2.9	1,520
Junior clerk-typist			2	1,350	2.7	1,390
Junior clerk-stenographer			6	1,404	5.3	1,410
Junior operator, office devices			2	1,500	1.2	1,555
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk			3	1,300	3.4	1,228
Junior typist					2	1,440
Underclerk-typist			1	1,140	2.9	1,125
Underoperator, office devices					1	1,140
Custodial service—						
Grade 7, $1,680 to $2,040; average, $1,860—						
Senior mechanic			1	1,860	1	1,800
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger			4	1,170	4.4	1,165
Senior laborer			1	1,140	1.6	1,095
Minor mechanic			1	1,200	1	1,200
Grade 2, $900 to $1,140; average, $1,020—						
Assistant messenger			2	959	4.2	918
Grade 1, $600 to $780; average, $690—						
Junior messenger			6	609	3.1	609
Total average number of employees			115		141.8	
Total salaries, departmental service				198,300		241,247
Field service:						
Salaries and wages—						
Salary range, $6,000 to $7,500; average, $6,750—						
Assistant Surgeon General (R)	1	$7,200	1	7,200	1	7,200
Acting assistant surgeon	1	6,000	1	6,000	1	6,000
Salary range, $5,200 to $6,000; average, $5,600—						
Surgeon (R)	6	5,180	6	5,180	6	5,180
Salary range, $3,800 to $5,000; average, $4,400—						
Surgeon (R)	2	4,092	2	4,092	2	4,092
Past assistant surgeon (R)	16	4,172	16	4,172	16	4,172
Acting assistant surgeon	14	4,306	14	4,306	14	4,306
Administrative assistant	2	4,080	2	4,080	2	4,080
Salary range, $3,300 to $3,900; average, $3,600—						
Past assistant surgeon (R)	1	3,793	1	3,793	1	3,793
Acting assistant surgeon	1	3,600	1	3,600		
Salary range, $3,000 to $3,600; average, $3,300—						
Assistant surgeon (R)	30	3,182	25	3,187	25	3,169
Past assistant surgeon (R)	8	3,492	8	3,492	8	3,492
Acting assistant surgeon	105	3,099	105	3,099	104	3,109
Attending specialist	1	3,600	1	3,600	1	3,600
Administrative assistant	4	3,300	4	3,300	4	3,300
Engineer	1	3,300	1	3,300	1	3,300

[1] The departmental force is consolidated with appropriation for "Salaries, Office of the Surgeon General."

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Pay of Personnel and Maintenance of Hospitals, Public Health Service—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service—Continued.						
Salaries and wages—Continued.	*Average—*		*Average—*		*Average—*	
Salary range, $2,400 to $3,000; average, $2,700—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Assistant surgeon (R)	12	$2,601	12	$2,601	12	$2,601
Acting assistant surgeon	9	2,520	9	2,520	9	2,520
Attending specialist	3	2,400	3	2,400	3	2,400
Administrative assistant	8	2,900	8	2,900	8	2,900
Nurse	13	2,600	13	2,600	13	2,600
Aid	4	2,600	4	2,600	4	2,600
Dietitian	6	2,600	6	2,600	6	2,600
Laboratorian	1	2,400	1	2,400	1	2,400
Dental mechanic	1	2,700	1	2,700	1	2,700
Farm superintendent	1	2,500	1	2,500	1	2,500
Horticulturist	1	2,600	1	2,600	1	2,600
Clerk	1	2,400	1	2,400	1	2,400
Mechanic	4	2,418	4	2,418	4	2,418
Salary range, $1,860 to $2,400; average, $2,100—						
Assistant surgeon (R)	5	2,213	5	2,213	5	2,213
Attending specialist	1	2,040	1	2,040	1	2,040
Druggist	4	2,130	4	2,130	4	2,130
Nurse	21	2,300	21	2,300	21	2,300
Aid	7	2,083	7	2,083	7	2,083
Dietitian	10	2,110	10	2,110	10	2,110
Laboratorian	17	2,112	17	2,112	17	2,112
Dental mechanic	2	2,300	2	2,300	2	2,300
Dental assistant	1	1,920	1	1,920	1	1,920
Clerk	16	1,993	16	1,993	16	1,993
Engineer	11	2,126	11	2,126	11	2,126
Cook	4	2,160	4	2,160	4	2,160
Laundry foreman	3	2,206	3	2,206	3	2,206
Mechanic	7	2,041	7	2,041	7	2,041
Chauffeur	1	2,200	1	2,200	1	2,200
Salary range, $1,680 to $2,040; average, $1,860—						
Acting assistant surgeon	10	1,848	10	1,848	10	1,848
Nurse	304	1,737	304	1,737	298	1,731
Aid	24	1,775	24	1,775	22	1,718
Dietitian	6	1,800	6	1,800	6	1,801
Attending specialist	2	1,800	2	1,800	2	1,800
Dental mechanic	2	1,900	2	1,900	2	1,900
Hospital service worker	2	1,860	2	1,860	2	1,860
Laboratorian	3	2,020	3	2,020	3	2,020
Engineer	13	1,856	13	1,856	13	1,856
Dairyman	1	1,740	1	1,740	1	1,740
Dental assistant	2	1,760	2	1,760	2	1,760
Salary range, $1,320 to $1,680; average, $1,500—						
Acting assistant surgeon	12	1,572	12	1,572	11	1,477
Interne	3	1,633	3	1,633	3	1,633
Attending specialist	7	1,480	7	1,480	7	1,480
Druggist	5	1,596	5	1,596	5	1,596
Dental mechanic	2	1,440	2	1,440	2	1,440
Laboratorian	4	1,508	4	1,508	4	1,508
Clerk	58	1,540	58	1,540	58	1,540
Engineer	13	1,557	13	1,557	13	1,557
Mechanic	23	1,449	23	1,450	23	1,450
Dairyman	1	1,380	1	1,380	1	1,380
Cook	47	1,627	47	1,627	47	1,627
Chauffeur	7	1,440	7	1,440	7	1,440
Butcher warehouseman	1	1,320	1	1,320	1	1,320
Packer	4	1,560	4	1,560	4	1,560
Attendant	26	1,368	26	1,368	26	1,368
Salary range, $1,140 to $1,560; average, $1,320—						
Chauffeur	21	1,282	21	1,282	21	1,282
Salary range, $1,020 to $1,260; average, $1,140—						
Acting assistant surgeon	21	1,231	21	1,231	21	1,231
Interne	10	1,121	10	1,121	10	1,121
Druggist	2	1,140	2	1,140	2	1,140
Laboratorian	1	1,140	1	1,140	1	1,140
Attending specialist	24	1,200	24	1,200	24	1,200
Dental mechanic	1	1,200	1	1,200	1	1,200
Hospital service worker	1	1,240	1	1,240	1	1,240
Clerk	101	1,231	101	1,231	101	1,231
Mechanic	17	1,043	17	1,043	17	1,043
Laundry foreman	14	1,256	14	1,256	14	1,256
Dental assistant	1	1,260	1	1,260	1	1,260
Cook	15	1,244	15	1,244	15	1,244
Fireman	12	1,248	12	1,248	12	1,248
Watchman	4	1,020	4	1,020	4	1,020
Messenger	2	1,080	2	1,080	2	1,080
Attendant	725	1,072	725	1,072	725	1,024
Salary range, $780 to $1,020; average, $990—						
Acting assistant surgeon	12	900	12	900	12	900
Interne	1	960	1	960	1	960
Attending specialist	7	896	7	890	7	890
Clerk	15	812	15	812	15	812
Fireman	20	970	20	970	20	970
Watchman	17	891	17	891	17	891
Attendant	283	870	283	870	239	887
Inspectress	36	938	31.5	944	26	900

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927		Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
***Pay of Personnel and Maintenance of Hospitals, Public Health Service*—Continued.**								
	Average—		*Average—*		*Average—*			
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*		
Field service—Continued.								
Salaries and wages—Continued.								
Salary range, $600 to $780; average, $690—								
Acting assistant surgeon	21	$620	21	$620	21	$620		
Interne	2	600	2	600	2	600		
Attending specialist	15	608	15	608	15	608		
Mechanic	9	765	9	765	9	765		
Cook	19	778	19	778	19	778		
Messenger	4	675	4	675	4	675		
Attendant	1	720			31	649		
Salary range, $420 to $660; average, $510—								
Acting assistant surgeon	3	440	3	440	3	440		
Attending specialist	1	480	1	480	1	480		
Messenger	2	510	2	510	2	510		
Attendant	20	450	20	450	20	450		
Salary range, $240 to $420; average, $330—								
Acting assistant surgeon	1	260	1	260	1	260		
Laboratorian	1	300	1	300	1	300		
Attending specialist	5	325	5	325	5	325		
Clerk	3	288	3	288	3	288		
Attendant	8	320	8	320	8	320		
Salary range, $1 to $240; average, $120—								
Acting assistant surgeon	1	115	1	115	1	115		
Attending specialist	1	200	1	200	1	200		
Attendant	30	180	30	180	30	180		
Total average number of employees	2,459		2,448.5		2,119			
Total salaries and wages, field service		3,529,704		3,509,190		3,428,222		
The difference between 1929 and 1928 is due to increase in force, $20,514.								
Deduct allowances value of quarters, subsistence, etc., furnished		724,604		724,581		708,300		
Cash payment, salaries and wages		2,805,100		2,784,609		2,719,902		
01 Total personal services		2,805,100		2,982,909		2,961,149		
Supplies and materials:								
0200 Stationery and office supplies		75,477		75,477		52,931		
0210 Medical and hospital supplies		153,853		154,669		115,759		
0220 Scientific and educational supplies		7,071		7,071		7,071		
0230 Fuel		173,552		173,552		159,578		
0250 Forage		50,218		50,218		51,668		
0260 Provisions		1,071,112		1,071,112		1,045,543		
0280 Sundry supplies		58,032		58,032		58,032		
02 Total supplies and materials		1,589,315		1,590,131		1,490,582		
03 Subsistence and support of persons		443,752		437,730		436,330		
04 Subsistence and care of animals and vehicles		364		364		247		
Communication service:								
0500 Telegraph service		937		937		1,016		
0510 Telephone service		22,426		22,426		22,653		
05 Total communication service		23,363		23,363		23,669		
06 Travel expenses		68,346		68,346		68,346		
07 Transportation of things		76,666		76,666		76,666		
09 Advertising		14		14		18		
10 Furnishing of heat, light, and power		78,840		76,640		76,640		
Rents:								
1100 Rent of buildings and structures		30,969		30,969		30,969		
1110 Other rents		4,342		4,342		3,675		
11 Total rents		35,311		35,311		34,644		
Repairs and alterations:								
1280 Repairs to motor vehicles		7,248		8,948		11,222		
1290 Repairs to other equipment		14,486		14,486		14,752		
12 Total repairs and alterations		21,734		23,434		25,974		
Special and miscellaneous current expenses:								
1373 Laundry and towel service		23,041		23,041		22,522		
1375 Ashes, garbage, and snow removal		2,162		2,162		2,084		
1380 Special and miscellaneous current expenses		3,303		3,303		2,559		
13 Total special and miscellaneous current expenses		28,506		28,506		27,165		
22 Burial expenses		27,356		27,356		27,356		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Pay of Personnel and Maintenance of Hospitals, Public Health Service—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Equipment:			
3000	Motor vehicles, passenger carrying	$3,000	$3,000	$5,858
3010	Furniture, furnishings, and fixtures	33,505	33,505	34,553
3020	Educational, scientific, and recreational equipment	44,759	46,983	28,955
3040	Livestock	933	933	3,364
3050	Other equipment	30,000	31,508	19,815
30	Total equipment	112,197	115,929	92,545
				5,341,331
	Unobligated balance			30,864
		5,310,864	5,486,699	5,372,195
	Deduct amount received from medical and hospital service, Veterans' Bureau	308,640	309,475	265,000
		5,002,224	5,177,224	5,107,195
	Add amounts transferred to other departments and establishments:			
	St. Elizabeths Hospital	65,500	65,500	62,729
	Department of Labor (Bureau of Immigration)	79,276	79,276	79,276
	Veterans' Bureau (maintenance, supply station, Perry Point)	3,000	3,000	800
	Total	5,150,000	5,325,000	5,250,000

All sums received by the Public Health Service during the fiscal year [1928] *1929*, except allotments and reimbursements on account of patients of the United States Veterans' Bureau, shall be covered into the Treasury as miscellaneous receipts.

Quarantine Service—

Quarantine service: For maintenance and ordinary expenses, exclusive of pay of officers and employees, of United States quarantine stations, including the exchange, maintenance, repair, and operation of motor-propelled passenger-carrying vehicles, and including not exceeding $2,000 for the purchase of motor-propelled passenger-carrying vehicles (at a cost not to exceed $1,000 each, including the value of any vehicle exchanged except for ambulances) (*U. S. C., p. 1313, sec. 1; act Jan. 26, 1927, vol. 44, p. 1038*) $460,000.00 $460,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Supplies and materials:			
0205	Cleaning and toilet supplies	$3,600.00	$3,600.00	$3,645.57
0210	Medical and hospital supplies	500.00	500.00	541.45
0230	Fuel (including gasoline, kerosene, and fuel oils)	81,000.00	81,000.00	80,609.82
0250	Forage and other supplies for animals	1,000.00	1,000.00	949.15
0260	Provisions (subsistence supplies)	58,000.00	58,000.00	57,606.26
0277	Chemicals (for fumigating)	102,000.00	102,690.00	102,432.44
0282	Lubricants	3,800.00	3,800.00	3,896.32
0284	Miscellaneous supplies (includes ice)	13,000.00	13,000.00	13,277.36
0294	Lumber	700.00	700.00	731.17
0296	Paint and painters' materials	3,400.00	3,400.00	3,406.56
02	Total supplies and materials	267,000.00	267,690.00	267,096.10
	Communication service:			
0500	Telegraph service	300.00	300.00	344.38
0510	Telephone service	7,600.00	7,600.00	7,667.09
05	Total communication service	7,900.00	7,900.00	8,011.47
	Travel expenses:			
0600	Commercial transportation	10,500.00	10,500.00	10,589.70
0610	Local transportation	2,900.00	2,900.00	2,919.21
06	Total travel expenses	13,400.00	13,400.00	13,508.91
	Transportation of things (service):			
0700	Freight and incidental charges	11,300.00	11,300.00	11,389.71
0730	Local transportation of things (drayage, etc.)	3,600.00	3,600.00	3,612.51
07	Total transportation of things	14,900.00	14,900.00	15,002.22
10	Furnishing of heat, light, power, water, gas, and electricity	20,000.00	20,000.00	20,339.68
	Rents:			
1100	Rent of buildings and structures	26,700.00	26,700.00	26,707.45
1110	Other rents	3,200.00	3,200.00	3,262.71
11	Total rents	29,900.00	29,900.00	29,970.16

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Quarantine Service—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Repairs and alterations:			
1280	Repairs and alterations to boats	$34,000.00	$34,000.00	$34,535.86
1280	Repairs to motor vehicles	5,300.00	5,300.00	5,328.45
12	Total repairs and alterations	39,300.00	39,300.00	39,864.31
	Special and miscellaneous current expenses:			
1370	Special and miscellaneous services not specified	3,370.00	3,370.00	3,370.12
1373	Laundry and towel service	5,700.00	5,700.00	5,721.31
13	Total special and miscellaneous current service	9,070.00	9,070.00	9,091.43
	Equipment:			
3002	Motor vehicles, passenger-carrying	3,000.00	2,000.00	5,000.00
3002	Motor vehicles, other than passenger-carrying	2,500.00	2,500.00	----------
3010	Furniture, furnishings, and fixtures	9,000.00	9,000.00	9,052.50
3022	Laboratory equipment	300.00	300.00	332.56
3051	Heat, light, power, water, refrigeration, and electric equipment	1,000.00	1,000.00	1,095.56
3052	Tools	1,400.00	1,400.00	1,494.26
3053	Floating equipment	23,690.00	19,000.00	18,500.00
3053	Equipment for boats	5,200.00	5,200.00	5,214.37
3057	Laundry equipment and parts	800.00	800.00	796.93
3058	Equipment for disinfecting or fumigating	8,200.00	8,200.00	8,294.45
3059	Special and miscellaneous equipment	3,440.00	3,440.00	3,446.00
30	Total equipment	58,530.00	52,840.00	53,226.63
		----------	455,000.00	456,110.91
	Unobligated balance	----------	----------	3,889.09
	Reserve	----------	5,000.00	----------
	Total	460,000.00	460,000.00	460,000.00

Preventing the Spread of Epidemic Diseases—

Prevention of epidemics: To enable the President, in case only of threatened or actual epidemic of cholera, typhus fever, yellow fever, *typhoid fever*, smallpox, bubonic plague, Chinese plague or black death, trachoma, influenza, Rocky Mountain spotted fever, or infantile paralysis, to aid State and local boards or otherwise, in his discretion, in preventing and suppressing the spread of the same, and in such emergency in the execution of any quarantine laws which may be then in force, $400,000, including the purchase of newspapers and clippings from newspapers containing information relating to the prevalence of disease and the public health (*U. S. C., p. 1313, sec. 1; act Jan. 26, 1927, vol. 44, p. 1038*) ---------- $400,000.00 $400,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average*—		*Average*—		*Average*—	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $5,200 to $6,000; average, $5,600—						
Acting assistant surgeon	1	$5,200	1	$5,200	1	$5,200
Salary range, $3,800 to $5,000; average, $4,400—						
Acting assistant surgeon	6	4,167	7	4,143	5.8	4,172
Special expert	1	5,000	1	5,000	1	4,600
Salary range, $3,300 to $3,900; average, $3,600—						
Acting assistant surgeon	4	3,675	4	3,675	4.3	3,672
Sanitary inspector	1	3,600	1	3,600	1	3,600
Salary range, $3,000 to $3,600; average, $3,300—						
Acting assistant surgeon	----------		1	3,300	1	3,300
Salary range, $2,700 to $3,300; average, $3,000—						
Acting assistant surgeon	3	2,800	3	2,800	3.6	2,833
Field agent	----------		3	3,000	----------	
Scientific assistant	----------		----------		0.2	3,000
Salary range, $2,400 to $3,000; average, $2,700—						
Chief inspector	----------		----------		0.2	2,700
Head nurse	1	2,600	2	2,600	1	2,600
Salary range, $1,860 to $2,400; average, $2,100—						
Acting assistant surgeon	1	2,100	1	2,100	1	2,070
Inspector	2	2,190	22	2,190	2.2	2,190
Special nurse	8	2,100	8	2,100	7.4	2,100
Salary range, $1,680 to $2,040; average, $1,860—						
Acting assistant surgeon	2	1,740	2	1,740	1.8	1,767
Laboratory assistant	1	1,800	1	1,800	1	1,800
Stenographer-typist	1	1,740	1	1,740	0.7	1,740
Inspector	6	1,830	8	1,830	6.3	1,830
Nurse	----------		25	1,800	----------	
Field agent	----------		2	1,740	----------	
Salary range, $1,500 to $1,860; average, $1,680—						
Laboratory assistant	1	1,800	1	1,800	0.3	1,800

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

Preventing the Spread of Epidemic Diseases—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927		Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
	Average—		*Average*—		*Average*—			
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*		
Field service—Continued.								
Salaries and wages—Continued.								
Salary range, $1,320 to $1,680; average, $1,500—								
Stenographer-typist					0.3	$1,500		
Field assistant	1	$1,440	1	$1,440	1	1,440		
Inspector	1	1,620	1	1,620	1	1,620		
Stenographer	1	1,680	1	1,680	1.2	1,600		
Laborer	3	1,560	4	1,560	3.2	1,560		
Pest exterminator	1	1,560	1	1,560	0.4	1,560		
Nurse			2	1,500				
Foreman rat trapper	1	1,680	1	1,680	0.3	1,680		
Junior sanitary inspector	1	1,380	1	1,380	0.3	1,380		
Salary range, $1,140 to $1,500; average, $1,320—								
Laboratory attendant	3	1,240	3	1,240	2.3	1,216		
Janitor	1	1,200	1	1,200	1.4	1,200		
Acting assistant surgeon	5	1,320	5	1,320	5.5	1,331		
Sanitary guard	1	1,440	1	1,440	1	1,440		
Clerk	2	1,230	2	1,230	2	1,176		
Inspector	1	1,345	2	1,345	1.7	1,302		
Laboratory aid	1	1,320	5	1,320	0.5	1,320		
Rat catcher	3	1,340	3	1,340	2.8	1,320		
Attendant	2	1,320	3	1,320	2.4	1,320		
Salary range, $1,020 to $1,260; average, $1,140—								
Field agent			2	1,210				
Laborer	7	1,140	9	1,140	6.5	1,140		
Attendant	3	1,100	3	1,100	2.8	1,100		
Salary range, $900 to $1,140; average, $1,020—								
Attendant	2	1,090	2	1,030	2	1,030		
Inspector			5	1,005				
Nurse			1	1,000				
Field agent			2	1,000				
Salary range, $780 to $1,020; average, $900—								
Field agent			1	870				
Attendant	4	818	4	818	4	818		
Inspector	2	870	3	900	2	870		
Salary range, $600 to $780; average, $690—								
Field agent			1	750				
Attendant	1	720	1	720	1	720		
Laborer	1	600	1	600	1	600		
Acting assistant surgeon	1	660	1	660	1.9	688		
Clerk	2	660	2	660	2	660		
Salary range, $240 to $420; average, $330—								
Acting assistant surgeon	1	360	1	360	1	360		
Janitor	1	300	1	300	1	300		
Salary range less than $240—								
Acting assistant surgeon	2	150	2	150	0.9	140		
Janitor	1	52	1	54	1	54		
Field agent			1	119				
Special and miscellaneous payments for personal services (part-time and per diem employees)—								
Acting assistant surgeon	5	[1] 1,200	5	[1] 1,200	1	[1] 85		
Field assistant	2	[1] 300	2	[1] 300	1	[1] 135		
Carpenter	2	[1] 750	2	[1] 750				
Field agent	1	[1] 12	1	[1] 12	1	[1] 12		
Total average number of employees	105		185		97.2			
Total salaries and wages, field service		171,413		314,063		171,194		
Deduct allowance value of subsistence, lodging, etc., furnished		8,880		9,100		8,456		
01 Net salaries and wages, field service		162,533		304,963		162,738		
The difference between 1929 and 1928 is due to decrease in force, $142,430.								
Supplies and materials:								
0200 Stationery and office supplies		650		750		748		
0210 Medical and hospital supplies		3,486		5,700		5,693		
0214 Laboratory supplies		1,120		1,120		644		
0220 Scientific and educational supplies		600		575		589		
0230 Fuel		1,800		1,850		1,638		
0250 Forage and other supplies for animals		2,000		2,000		1,225		
0260 Provisions		10,500		15,736		10,428		
0280 Sundry supplies		1,483		1,483		1,414		
0290 Materials		850		825		757		
02 Total supplies and materials		22,489		30,039		23,136		
05 Communication service		3,005		3,360		3,108		
06 Travel expenses		12,750		33,348		17,573		
07 Transportation of things (service)		1,465		1,505		1,384		
08 Printing and binding		25		25		22		
10 Furnishing of heat, light, power, etc		1,250		1,250		1,073		
11 Rents		9,200		10,200		9,609		
12 Repairs and alterations		18		20		18		
13 Special and miscellaneous current expenses		3,630		4,040		3,947		

[1] Represents total and not rate per annum.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Preventing the Spread of Epidemic Diseases—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Equipment:			
3010 Furniture, furnishings and fixtures	$1,800	$2,000	$2,003
3019 Cleaning equipment and supplies	125	125	43
3020 Educational, scientific, and recreational equipment	3,100	3,150	2,394
3040 Laboratory animals	5,500	5,500	3,894
3050 Other equipment	500	475	944
Total equipment	11,025	11,250	9,278
	227,390		231,886
Unobligated balance			198,114
Reserve for contingencies	172,610		
Total	400,000	400,000	430,000

Field Investigations of Public Health—

Field investigations: For investigations of diseases of men and conditions influencing the propagation and spread thereof, including sanitation and sewage, and the pollution of navigable streams and lakes of the United States, including personal services, *and including the maintenance, repair, and operation of motor-propelled passenger-carrying vehicles, and not exceeding $2,400 for the purchase of motor-propelled passenger-carrying vehicles (at a cost not to exceed $800 each, including the value of any vehicle exchanged)* (*U. S. C., p. 1313, sec. 1; act Jan. 26, 1927, vol. 44, p. 1039*) $300,000.00 $280,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $5,200 to $6,000; average, $5,600—						
Sanitary engineer	1	$5,200	1	$5,200	1	$5,200
Statistician	1	5,200	1	5,200	1	5,200
Chemist	1	5,200	1	5,200	0.8	5,200
Salary range, $3,800 to $5,000; average, $4,400—						
Special expert	2	5,000	2	5,000	1	4,800
Sanitary engineer	0.8	5,000	0.8	5,000	0.2	5,000
Epidemiologist	1	5,000	0.5	5,000		
Research assistant					0.8	4,600
Associate sanitary engineer	2	4,200	2	4,200	2	4,200
Associate statistician	2	4,100	2	4,100	1	4,200
Chemist					0.2	4,200
Acting assistant surgeon	1	4,000	1	4,000	1	4,000
Physicist	1	3,800	1	3,800	1	3,800
Salary range, $3,300 to $3,900; average, $3,600—						
Biochemist	1	3,800	1	3,800	1	3,800
Acting assistant surgeon	1	3,800	1	3,800	1	3,800
Statistical expert	1	3,600	1	3,600	1	3,600
Associate milk specialist	4	3,600	3	3,600	3.3	3,600
Associate entomologist					0.4	3,600
Associate statistician					1	3,600
Associate biochemist	1	3,500	1	3,500		
Salary range, $3,000 to $3,600; average, $3,300—						
Assistant sanitary engineer	0.5	3,200	0.5	3,200	0.5	3,200
Associate milk specialist	1	3,400			0.5	3,200
Associate biological chemist	1	3,000	0.8	3,000		
Salary range, $2,700 to $3,300; average, $3,000—						
Associate biologist	1	3,200	1	3,200	0.6	3,200
Physicist	1	3,000	1	3,000	1	3,000
Associate chemist	1	3,000				
Associate bacteriologist	1	3,000				
Phychologist					0.2	3,000
Salary range, $2,400 to $3,000; average, $2,700—						
Assistant limnologist	1	$3,000	1	$3,000	1	$2,800
Acting assistant surgeon	1	2,800	1	2,800	1	2,800
Assistant physical chemist	2	2,650	1	2,800	1	2,800
Assistant statistician	1	2,700	1	2,700	1	2,700
Organic chemist	1	2,700	1	2,700	0.2	2,700
Field assistant	1	2,700	1	2,700	1	2,400
Technical assistant in sanitary engineering	1	2,700	1	2,500	0.5	2,500
Technical assistant			0.3	2,400	0.3	2,400
Assistant sanitary engineer					0.2	2,400
Salary range, $2,100 to $2,700; average, $2,400—						
Technical assistant	1	2,100	1	2,100	1.8	2,100
Salary range, $1,860 to $2,400; average, $2,100—						
Field assistant					0.3	2,400
Technical assistant in bacteriology	1	2,400	1	2,300	1	2,100
Assistant bacteriologist	1	2,400	1	2,100	1	2,100
Special field agent			0.1	2,300	0.9	2,300
Special nurse	3	2,100	2	2,100	2.3	2,100
Statistical clerk	1	2,100	1	2,100	1	2,100
Sanitary inspector	1	2,100	1	2,100	1	2,000
Junior statistician	1	2,100	1	2,100	1	1,920
Psychiatric social worker			1	2,100	1	2,100

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

Field Investigations of Public Health—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927		Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
	Average—		*Average—*		*Average—*			
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*		
Field service—Continued.								
Salaries and wages—Continued.								
Salary range, $1,860 to $2,400; average, $2,100—Con.								
Junior biochemist	1	$2,100	1	$2,100	1	$1,860		
Technical assistant	0.3	2,100	0.3	2,100	0.5	2,100		
Clerk	1	1,920	1	1,920	0.6	1,920		
Salary range, $1,680 to $2,040; average, $1,860—								
Clerk	1	1,860	1	1,860	1	1,860		
Senior statistical clerk					0.1	1,860		
Salary range, $1,500 to $1,860; average, $1,680—								
Stenographer-typist	3	1,740	3	1,740	3	1,740		
Stenographer	4	1,710	4	1,710	3	1,740		
Statistical clerk	4	1,755	4	1,755	3	1,740		
Occupational therapy aid	1	1,800	1	1,800	1	1,800		
Clerk translator	1	1,800	1	1,800	1	1,800		
Scientific assistant	1	1,800	1	1,800	0.3	1,620		
Sanitary inspector			0.3	1,800				
Special nurse					0.1	1,860		
Secretary-stenographer	1	1,800	1	1,800	1.5	1,800		
Microscopist					0.6	1,740		
Acting assistant surgeon					[1] 0.6	1,680		
Field assistant	1	1,680	1	1,680				
Technical clerk	1	1,680	1	1,680	0.1	1,680		
Clerk	2	1,680	2	1,680	4	1,630		
Chief rat trapper					0.3	1,680		
Junior statistical clerk					1.3	1,620		
Laboratory assistant	1	1,500	1	1,500				
Salary range, $1,320 to $1,680; average, $1,500—								
Surgeon's assistant	1	1,680	1	1,680	1	1,680		
Operative	1	1,560	1	1,560	1	1,560		
Junior statistical clerk	5	1,488	4	1,530	6	1,395		
Stenographer	1	1,500	2	1,470	2.8	1,380		
Stenographer-typist	4	1,470	3	1,440	2	1,440		
Clerk-typist	2	1,470	1	1,440	1	1,440		
Clerk					0.4	1,380		
Associate milk specialist	[1] 1	1,320	[1] 1	1,320				
Salary range, $1,140 to $1,500; average, $1,320—								
Copyist topographer	1	1,500	1	1,500	1	1,440		
Animal breeder	1	1,440	1	1,320	1	1,320		
Rat trapper					0.5	1,500		
Laboratory attendant	2	1,470	0.4	1,470	1	1,320		
Sanitary inspector			0.4	1,500	0.1	1,500		
Technical assistant					0.3	1,500		
Clerk	2	1,350	4	1,395	3.6	1,320		
Clerk-stenographer	1	1,260	1	1,260	1	1,260		
Stenographer-typist	1	1,260	1	1,260	0.6	1,260		
Attendant	0.5	1,200	1	1,200	0.4	1,200		
Scientific assistant					0.2	1,200		
Typist			1	1,140	1	1,140		
Salary range, $1,020 to $1,260; average, $1,140—								
Attendant	1	1,200	1	1,200	1	1,200		
Laboratory attendant	3	1,200	3	1,200	3.2	1,200		
Skilled laborer	1	1,200	1	1,200	1	1,200		
Filter operator	3	1,200	3	1,200	3	1,200		
Salary range, $780 to $1,140; average, $1,080—								
Scientific assistant					[1] 0.3	780		
Salary range, $600 to $780; average, $690—								
Attendant	1	780	1	780	1	780		
Salary range, $240 to $420; average, $330—								
Collaborating chemist	5	300	5	300	5	300		
Laboratory attendant	[1] 1	240	[1] 1	240	[1] 0.8	240		
Attendant	3	300	3	300				
Salary less than $240—								
Attendant					4	120		
Attendant	3	180	3	180	1	84		
Laboratory attendant	1	180	1	180	1	180		
Special and miscellaneous payments for personal services (part time and per diem employees)[2]—								
Carpenter			2	500	6	700		
Laborer					8	524		
Clerk					[1] 1	37		
Janitor	1	30	1	30				
Sheet-metal worker					1	290		
Sheet-metal worker					1	262		
Tinner					1	236		
Consultant	38	910	38	677	37	50		
Consultant	2	75	2	75	2	75		
Scientific assistant	1	60	1	50	1	50		
Total average number of employees	155.1		154		165.2			
01 Total salaries and wages, field service		239,535.00		224,251.67		212,332.86		
The difference between 1929 and 1928 is due to increase in force, $15,283.33.								
Supplies and materials:								
0204 Photographic supplies		105.00		105.00		131.12		
0205 Cleaning and toilet supplies		25.00		25.00		40.97		
0214 Laboratory supplies		2,680.00		880.00		750.58		
0221 Scientific supplies		915.00		915.00		1,320.43		
0230 Fuel		500.00		500.00		416.25		
0250 Forage and other supplies for animals		375.00		375.00		78.73		

[1] Part time.

[2] Represents total paid and not rate per annum.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Field Investigations of Public Health—Continued

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Supplies and materials—Continued.			
0282	Mechanics', engineers', and electricians' supplies	$350.00	$350.00	$477.46
0284	Miscellaneous supplies	2,530.00	2,505.00	3,551.11
0290	Materials	200.00	200.00	2,770.70
02	Total supplies and materials	7,680.00	5,855.00	9,537.35
03	Subsistence and support of persons (service)	1,000.00	1,000.00	1,375.40
04	Subsistence and care of animals (service)	700.00	700.00	707.12
	Communication service:			
0500	Telegraph service	1,045.00	1,045.00	1,155.80
0510	Telephone service	925.00	895.00	899.61
05	Total communication service	1,970.00	1,940.00	2,055.41
06	Total travel expenses	31,065.00	31,285.00	25,823.43
07	Transportation of things	1,280.00	1,280.00	1,624.78
08	Photographing and photographs and prints	310.00	310.00	271.92
10	Furnishing of light, power, water, and electricity	2,000.00	2,000.00	1,854.83
	Rents:			
1101	Rent of office space	1,680.00	1,380.00	1,119.58
1112	Rent of motor equipment	450.00	450.00	115.00
1115	Rent of miscellaneous equipment	2,160.00	2,160.00	1,809.75
11	Total rents	4,290.00	3,990.00	3,044.33
12	Repairs and alterations	660.00	583.33	672.19
13	Special and miscellaneous current expenses	625.00	550.00	552.20
	Equipment:			
3000	Passenger-carrying vehicles	2,400.00		
3010	Furniture, furnishings, and fixtures	575.00	425.00	3,248.26
3021	Educational equipment	660.00	360.00	547.11
3022	Scientific equipment	3,300.00	3,220.00	7,875.51
3040	Animals	1,550.00	1,850.00	603.85
3052	Transporting and conveying equipment (other than passenger-carrying vehicles)	400.00	400.00	1,656.57
3054	Fire-preventing and fire-fighting equipment			19.65
3059	Special and miscellaneous equipment			22.72
30	Total equipment	8,885.00	6,255.00	13,973.67
			280,000.00	273,825.49
	Unobligated balance			1,474.51
	Reserve			4,700.00
	Total	300,000.00	280,000.00	280,000.00

Interstate Quarantine Service—

Interstate quarantine service: For cooperation with State and municipal health authorities in the prevention of the spread of contagious and infectious diseases in interstate traffic (*U. S. C., p. 1313, sec. 1; act Jan. 26, 1927, vol. 44, p. 1039*) $70,000.00 $71,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $5,200 to $6,000; average, $5,600—						
Sanitary engineer	2	$5,200	2	$5,200	1.2	$5,200
Salary range, $3,800 to $5,000; average, $4,400—						
Associate sanitary engineer	4	4,200	4	4,200	4.8	4,200
Salary range, $3,000 to $3,600; average, $3,300—						
Assistant sanitary engineer	2	3,200	2	3,200		
Salary range, $2,100 to $2,700; average, $2,400—						
Junior assistant sanitary engineer	3	2,400	2	2,400	1.2	2,400
Technical assistant in sanitary engineering	2	2,400	1	2,400	1.8	2,200
Pilot			1	2,510	1	2,510
Salary range, $1,680 to $2,040; average, $1,860—						
Inspector	1	1,800	1	1,800	1	1,800
Salary range, $1,500 to $1,860; average, $1,680—						
Senior stenographer	1	1,680	1	1,680	0.3	1,680
Attendant			1	1,500	1.7	1,500

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927		Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Interstate Quarantine Service—Continued.								
Field service—Continued.								
Salaries and wages—Continued.	*Average—*		*Average—*		*Average—*			
Salary range, $1,180 to $1,500; average, $1,320—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*		
Clerk					0.7	$1,440		
Junior stenographer	1	$1,380	1	$1,380	0.9	1,320		
Salary range, $1 to $100; average, $50—								
Collaborating sanitary engineer	40	1	35	1	34	68		
Total average number of employees	56		51		48.6			
Total salaries and wages, field service		50,500		49,705		45,112		
Deduct allowance value of quarters, subsistence, etc., furnished				840		1,134		
01 Total personal services, cash payment		50,500		48,865		43,978		
The difference between 1929 and 1928 is due to increase in force, $1,635.								
Supplies and materials:								
0200 Stationery and office supplies		200.00		125.00		102.22		
0210 Medical and hospital supplies		25.00		25.00		51.65		
0220 Scientific and educational supplies		700.00		700.00		714.28		
0230 Fuel		150.00		800.00		976.95		
0260 Provisions				30.00		35.80		
0280 Sundry supplies		100.00		75.00		96.35		
0290 Materials (not specifically allocated)		10.00		15.00		16.66		
02 Total supplies and materials		1,185.00		1,770.00		1,993.91		
Communication service:								
0500 Telegraph service		400.00		400.00		359.41		
0510 Telephone service		300.00		300.00		167.70		
05 Total communication service		700.00		700.00		527.11		
Travel expenses:								
0615 Transportation		7,000.00		7,000.00		6,324.22		
0616 Subsistence		8,900.00		8,500.00		8,058.76		
06 Total travel expenses		15,900.00		15,500.00		14,382.98		
07 Transportation of things (service)		450.40		450.40		456.36		
11 Rent of buildings and structures		479.60		479.60		479.60		
12 Repairs and alterations				1,500.00		1,989.33		
13 Laundry and towel service		75.00		75.00		82.30		
Equipment:								
3010 Furniture, furnishings, and fixtures		400.00		350.00		696.06		
3020 Educational, scientific, and recreational equipment		300.00		300.00		504.70		
3050 Other equipment		10.00		10.00		30.14		
30 Total equipment		710.00		660.00		1,230.90		
				70,000.00		65,120.49		
Unobligated balance						3,879.51		
Reserve				1,000.00				
Total		70,000.00		71,000.00		69,000.00		
Studies of Rural Sanitation, Public Health Service—								
Rural sanitation: For special studies of, and demonstration work in, rural sanitation, including personal services, and including not to exceed $5,000 for the purchase, maintenance, repair, and operation of motor-propelled passenger-carrying vehicles, [$85,000] *$230,000*: *Provided*, That no part of this appropriation shall be available for demonstration work in rural sanitation in any community unless the State, county, or municipality in which the community is located agrees to pay one-half the expenses of such demonstration work (*U. S. C., p. 1313, sec. 1; act Jan. 26, 1927, vol. 44, p. 1039*)							$230,000.00	$85,000.00
Field service:								
Salaries and wages—	*Average—*		*Average—*		*Average—*			
Salary range, $2,400 to $3,000; average, $2,700—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*		
Field agent	13	$2,435	3	$2,435	3	$2,435		
Salary range, $1,860 to $2,400; average, $2,100—								
Senior stenographer	1	2,100	1	2,100	1	2,100		
Field agent	7	2,000	3	2,000	2	2,000		
Salary range, $1,680 to $2,040; average, $1,860—								
Field agent	5	1,800	2	1,800	2	1,800		
Inspector	6	1,800	1	1,800	1	1,800		
Salary range, $1,500 to $1,980; average, $1,680—								
Stenographer	1	1,680						
Field agent	7	1,600	4	1,600	2	1,600		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Studies of Rural Sanitation, Public Health Service—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service—Continued.						
Salaries and wages—Continued.	*Average—*		*Average—*		*Average—*	
Salary range, $1,140 to $1,500; average, $1,320—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Inspector	11	$1,370	3	$1,370	2	$1,370
Field agent	13	1,260	7	1,260	7	1,260
Nurse	17	1,200	2	1,200	1.9	1,200
Scientific assistant	1	1,200	1	1,200	1	1,200
Nurse	4	1,005				
Salary range, $900 to $1,140; average, $1,020—						
Field agent	14	950	4	950	4	950
Inspector	15	900	5	900	4.5	900
Salary range, $600 to $780; average, $690—						
Field agent	32	625	12	625	12	625
Inspector	12	600	2	600	1	600
Salary range, $240 to $420; average, $330—						
Field agent	110	300	60	300	53.6	300
Total average number of employees	269		110		98	
01 Total salaries and wages, field service		224,505		78,735		69,075
The difference between 1929 and 1928 is due to increase in force, $145,770.						
Communication service:						
0500 Telegraph service		265.00		150.00		158.18
0510 Telephone service		35.00		25.00		19.35
05 Total communication service		300.00		175.00		177.53
Travel expenses:						
0615 Transportation		2,040.00		1,715.00		1,430.16
0616 Subsistence		2,660.00		2,050.00		1,972.97
06 Total travel expenses		4,700.00		3,765.00		3,403.13
07 Transportation of things (service)		495.00		325.00		331.52
				83,000.00		72,987.18
Unobligated balance						12.82
Reserve				2,000.00		2,000.00
Total		230,000.00		85,000.00		75,000.00

Control of Biologic Products, Public Health Service—

Biologic products: To regulate the propagation and sale of viruses, serums, toxins, and analogous products, including arsphenamine, and for the preparation of curative and diagnostic biologic products, including personal services of reserve commissioned officers and other personnel (*U. S. C., p. 1313, sec. 1; p. 1322, sec. 141; act Jan. 26, 1927, vol. 44, p. 1039*) $45,000.00 $45,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
Salary range, $3,300 to $3,900; average, $3,600—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Associate bacteriologist	1	$3,600	1	$3,600		
Salary range, $2,700 to $3,300; average, $3,000—						
Associate bacteriologist					0.5	$3,000
Salary range, $2,100 to $2,700; average, $2,400—						
Junior pharmacologist	1	2,500	1	2,400	1	2,400
Laboratory assistant	1	2,500	1	2,400	1	2,400
Salary range, $1,860 to $2,400; average, $2,100—						
Clerk	1	2,100	1	2,100	1	2,100
Salary range, $1,680 to $2,040; average, $1,860—						
Steam electrical engineer	1	2,040	1	2,040	1	2,040
Laboratory assistant	3	1,720	3	1,700	3	1,700
Salary range, $1,320 to $1,680; average, $1,500—						
Laboratory aid and technical clerk	1	1,560	1	1,500	1	1,500
Laboratory attendant	3	1,460	3	1,460	2.7	1,440
Salary range, $1,140 to $1,500; average, $1,320—						
Laboratory attendant	2	1,230	2	1,200	2.4	1,200
Total average number of employees	14		14		13.6	
01 Total salaries and wages, field service		26,300		25,920		23,780
The difference between 1929 and 1928 is due to increase in salary, $480.						
Supplies and materials:						
0211 Laboratory supplies		225.00		200.00		316.19
0221 Scientific supplies		500.00		500.00		703.16
0250 Forage and other supplies for animals		3,500.00		3,500.00		7,121.10
0284 Miscellaneous supplies		100.00		100.00		167.10
02 Total supplies and materials		4,325.00		4,300.00		8,307.55

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Control of Biologic Products, Public Health Service—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Communication service:			
0500 Telegraph service	$25.00	$30.00	$39.77
0510 Telephone service	25.00	25.00	17.60
05 Total communication service	50.00	55.00	57.37
06 Travel expenses	1,600.00	1,500.00	2,325.87
07 Transportation of things (service)	25.00	25.00	17.97
13 Special and miscellaneous current expenses	200.00	200.00	182.00
Equipment:			
3022 Scientific equipment	1,500.00	1,500.00	1,437.79
3043 Laboratory animals	11,000.00	11,000.00	8,341.87
30 Total equipment	12,500.00	12,500.00	9,779.66
		44,500.00	44,450.42
Unobligated balance			49.58
Reserve		500.00	500.00
Total	45,000.00	45,000.00	45,000.00

Expenses, Division of Venereal Diseases—

For the maintenance and expenses of the Division of Venereal Diseases, established by sections 3 and 4, Chapter XV, of the act approved July 9, 1918, including personal and other services in the field and in the District of Columbia, $70,000, of which amount not to exceed $28,000 may be expended for personal services in the District of Columbia (*U. S. C., p. 1313, sec. 1; p. 1315, sec. 24; act Jan. 26, 1927, vol. 44, p. 1039*) $70,000.00 $70,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Clerical, administrative, and fiscal service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 10, $3,300 to $3,900; average, $3,600—						
Junior administrative officer	1	$3,300	1	$3,300	1	$3,296
Grade 9, $3,000 to $3,600; average, $3,300—						
Investigator	1	3,300	1	3,300	1	3,087
Grade 5, $1,860 to $2,400; average, $2,100—						
Senior investigating assistant	2	1,980	2	1,980	2	1,980
Senior clerk	1	2,100	1	2,100	0.3	1,860
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	2	1,800	2	1,800	2.7	1,800
Principal stenographer	1	1,800	1	1,800	1	1,800
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	1	1,680	1	1,680	1	1,667
Senior stenographer	2	1,590	2	1,590	1.7	1,552
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior stenographer	0.9	1,311	0.9	1,311	0.5	1,680
Junior clerk-stenographer	1	1,320	1	1,320	1.5	1,350
Grade 1, $1,140 to $1,500; average, $1,320—						
Underoperator, office devices	1	1,440	1	1,440	1	1,440
Custodial service—						
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger	1	1,140	1	1,140	1	1,080
Total average number of employees	14.9		14.9		14.7	
Total salaries, departmental service		28,000		28,000		27,251
Field service:						
Salaries and wages—						
Salary range, $3,800 to $5,000; average, $4,400—						
Acting assistant surgeon	1	4,200	1	4,200	0.8	4.50
Salary range, $3,300 to $3,900; average, $3,600—						
Acting assistant surgeon	2	3,450	2	3,450	2.4	3,600
Regional consultant	1	3,600	1	3,600	1	3,600
Salary range, $2,700 to $3,300; average, $3,000—						
Acting assistant surgeon	1	3,000	1	3,000	0.5	3,000
Lecturer	1	3,000	1	3,000	2	3,000
Special expert					0.3	3,000
Salary range, $2,100 to $2,700; average, $2,400—						
Consultant	1	2,500	1	2,500	0.5	2,500
Principal social worker	1	2,400	1	2,400	1	2,400
Salary range, $1,860 to $2,400; average, $2,100—						
Acting assistant surgeon					0.4	2,000
Bacteriologist	1	1,860	1	1,860	1	1,860
Salary range, $1,500 to $1,860; average, $1,680—						
Acting assistant surgeon	0.8	1,500	0.8	1,500	0.3	1,500
Salary range, $1,140 to $1,500; average, $1,320—						
Acting assistant surgeon	1	1,200	1	1,200	0.2	1,200
Attendant					0.2	1,200

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Expenses, Division of Venereal Diseases—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Field service—Continued.			
	Salaries and wages—Continued.			
	Salary range, under $240 per annum—	*Average—*	*Average—*	*Average—*
		No. *Salary*	*No.* *Salary*	*No.* *Salary*
	Acting assistant surgeon	43 $1	43 $1	43 $1
	Scientific assistant	4 1	4 1	4 1
	Special consultants ($10 per day when employed)	12 150	12 150	4 [1] 550
	Temporary employees			2 [1] 704
	Total average number of employees	69.8	69.8	63.6
	Total salaries and wages, field service	31,707	31,707	32,421
01	Total personal services	59,707	59,767	59,672
	Supplies and materials:			
0200	Stationery and office supplies	250.00	250.00	12.53
0210	Medical and hospital supplies	300.00	300.00	3,172.48
0220	Scientific and educational supplies	100.00	100.00	291.40
0280	Sundry supplies	50.00	50.00	18.66
0290	Materials	25.00	25.00	
02	Total supplies and materials	725.00	725.00	3,495.07
	Communication service:			
0500	Telegraph service	100.00	100.00	22.40
0510	Telephone service	400.00	400.00	319.87
05	Total communication service	500.00	500.00	342.27
	Travel expenses:			
0600	Commercial transportation	2,550.00	2,550.00	2,302.14
0620	Mileage allowances	525.00	525.00	608.86
0630	Per diem in lieu of subsistence	4,267.00	4,267.00	5,589.95
0650	Sleeping-car, chair-car, and drawing-room fares	400.00	400.00	333.53
0690	Special and miscellaneous expenses incident to travel	350.00	350.00	525.12
06	Total travel expenses	8,092.00	8,092.00	9,359.60
07	Transportation of things (service)	300.00	300.00	188.48
08	Repairs and alterations	100.00	100.00	43.44
	Equipment:			
3010	Furniture, furnishings, and fixtures	100.00	100.00	
3020	Educational, scientific, and recreational equipment	476.00	476.00	1,575.77
30	Total equipment	576.00	576.00	1,575.77
	Unobligated balance			74,676.63
	Reserve			73.37
				250.00
	Total	70,000.00	70,000.00	75,000.00

[1] Represents total and not rate per annum.

Survey of Salt Marsh Areas, South Atlantic and Gulf States—

[For completion of the survey of the salt-marsh areas of the South Atlantic and Gulf States, to determine the exact character of the breeding places of the salt-marsh mosquitoes, in order that a definite idea may be formed as to the best methods of controlling the breeding of such mosquitoes, $10,000, to be expended by the Public Health Service in cooperation with the Bureau of Entomology of the Department of Agriculture: *Provided*, That any unexpended balance of the appropriation of $25,000 for the fiscal year 1927 for similar purposes is hereby reappropriated and made available for the fiscal year 1928] (*U. S. C., p. 1313, sec. 1; act Jan. 26, 1927, vol. 44, p. 1039*) [1] $10,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Field service:			
	Salaries and wages—		*Average—*	*Average—*
	Salary range, $3,800 to $5,000; average, $4,400—		*No.* *Salary*	*No.* *Salary*
	Epidemiologist		1 $5,000	1 $4,200
	Associate sanitary engineer		0.3 4,200	0.5 4,200
	Salary range, $2,100 to $2,700; average, $2,400—			
	Sanitary inspector		1.3 2,100	2 2,100
	Salary range, $1,680 to $2,040; average, $1,860—			
	Sanitary inspector		0.2 1,800	0.3 1,800

[1] Exclusive of $6,186 unexpended balance for 1927 reappropriated for 1928.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Survey of Salt Marsh Areas, South Atlantic and Gulf States—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Field service—Continued.			
Salaries and wages—Continued.		*Average*—	*Average*—
Salary range, $1,320 to $1,680; average, $1,500—		*No.* *Salary*	*No.* *Salary*
Sanitary inspector		0.6 $1,500	0.1 $1,500
Stenographer-typist			0.7 1,320
Salary range, $600 to $780; average, $690—			
Stenographer-typist		[1] 1 720	[1] 0.6 695
Attendant		1 720	
Total average number of employees		5.3	5.2
01 Total salaries and wages, field service		11,540.00	12,531.85
Supplies and materials:			
0204 Photographic supplies		20.00	17.97
0284 Miscellaneous supplies		500.00	229.40
02 Total supplies and materials		520.00	247.37
Communication service:			
0500 Telegraph service		20.00	17.95
0510 Telephone service		60.00	37.95
05 Total communication service		80.00	55.90
06 Travel expenses		4,000.00	4,217.79
07 Transportation of things (service)		11.00	7.20
08 Photographing and photographs and prints		10.00	9.46
12 Repairs and alterations		25.00	16.33
Equipment:			
3010 Furniture, furnishings, and fixtures			91.70
3022 Scientific equipment			180.50
3053 Transporting and conveying equipment (other than passenger-carrying)			1,115.90
30 Total equipment			1,388.10
			18,474.00
Unobligated balance			6,186.00
Reserve			340.00
Total		[2] 16,186.00	25,000.00

[1] Part time.
[2] In addition to the appropriation of $10,000, the unexpended balance of the 1927 appropriation was made available for the fiscal year 1928.

Total, Public Health Service	$9,593,974.00	$9,409,500.00

BUREAU OF THE MINT

Salaries, Office of Director of the Mint—
Salaries: For the Director of the Mint and other personal services in the District of Columbia, in accordance with the classification act of 1923 (*U. S. C., p. 992, secs. 251, 252; act Jan. 26, 1927, vol. 44, p. 1039*) 34,500.00 33,600.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Departmental service:			
Salaries—			
Clerical, administrative, and fiscal service—	*Average*—	*Average*—	*Average*—
	No. *Salary*	*No.* *Salary*	*No.* *Salary*
Grade 13, $6,000 to $7,500; average, $6,750—			
Executive officer (Director of the Mint)	1 $6,000	1 $6,000	0.2 $6,000
Grade 12, $5,200 to $6,000; average, $5,600—			
Senior administrative officer (Director of the Mint)			0.8 5,600
Grade 11, $3,800 to $5,000; average, $4,400—			
Administrative officer (assistant director)	1 4,000	1 3,800	1 3,800
Grade 10, $3,300 to $3,900; average, $3,600—			
Junior administrative officer (chief accountant)	1 3,700	1 3,600	1 3,600
Grade 6, $2,100 to $2,700; average, $2,400—			
Principal clerk	1 2,200	1 2,100	1 2,100
Principal translator	1 2,600	1 2,600	1 2,600
Grade 4, $1,680 to $2,040; average, $1,860—			
Clerk	1 2,040	1 2,040	1 2,040
Clerk-stenographer	1 1,680	1 1,680	1 1,680
Grade 3, $1,500 to $1,860; average, $1,680—			
Assistant clerk	1 1,620	1 1,560	1 1,560
Grade 2, $1,320 to $1,680; average, $1,500—			
Junior clerk-typist	1 1,560	1 1,500	1 1,500
Grade 1, $1,140 to $1,500; average, $1,320—			
Underclerk	1 1,440	1 1,380	1 1,380

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries, Office of Director of the Mint—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service—Continued.						
Salaries—Continued.						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
Grade 3, $3,000 to $3,600; average, $3,300—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Associate scientist (assayer)	1	$3,200	1	$3,200	1	$3,100
Subprofessional service						
Grade 6, $1,860 to $2,400; average, $2,111.42—						
Senior scientific aid (assistant assayer)	1	1,860	1	1,860	1	1,860
Grade 3, $1,320 to $1,680; average, $1,500—						
Junior scientific aid (laboratory aid)	1	1,320	1	1,320	1	1,320
Custodial service—						
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger	1	1,260	1	1,200	1	1,200
Total average number of employees	14		14		14	
01 Total salaries, departmental service		34,500		33,840		33,288
To be absorbed through lapses, etc.				240		
Unobligated balance						112
		34,500		33,600		33,400
The difference between 1929 and 1928 is due to amended allocation under classification act, and increases in salaries, $900.						

Freight on Bullion and Coin, Mints and Assay Offices—

For transportation of bullion and coin, by registered mail or otherwise, between mints and assay offices (*act Jan. 26, 1927, vol. 44, p. 1039*) $6,500.00 $7,500.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
07 Transportation of things	$6,500.00	$7,000.00	$4,331.80
Unobligated balance			3,168.20
Reserve		500.00	
Total	6,500.00	7,500.00	7,500.00

Contingent Expenses, Office of Director of the Mint—

For contingent expenses of the Bureau of the Mint, to be expended under the direction of the director: For assay laboratory chemicals, fuel, materials, balances, weights, and other necessaries, including books, periodicals, specimens of coins, ores, and incidentals $900.00

For examination of mints, expense in visiting mints for the purpose of superintending the annual settlements, and for special examinations, and for the collection of statistics relative to the annual production and consumption of the precious metals in the United States (*act Jan. 26, 1927, vol. 44, p. 1039*) 5,100.00

6,000.00 6,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Supplies and materials:			
0200 Stationery and office supplies	$10.00	$10.00	$8.93
0220 Scientific and educational supplies	400.00	400.00	508.47
0230 Fuel	40.00	40.00	27.41
0280 Sundry supplies	10.00	10.00	
02 Total supplies and materials	460.00	460.00	544.81
Communication service:			
0500 Telegraph service	110.00	110.00	52.93
0510 Telephone service	40.00	40.00	1.50
05 Total communication service	150.00	150.00	54.43
06 Travel expense	5,100.00	5,100.00	4,835.57
07 Transportation of things	10.00	10.00	5.66
12 Repairs and alterations	280.00	280.00	185.40
Unobligated balance			5,625.87
			374.13
Total	6,000.00	6,000.00	6,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
FIELD SERVICE		
Salaries and Wages, Mint at Carson City—		
Salaries: For compensation of officers and employees (*U. S. C., p. 992, sec. 261; act Jan. 26, 1927, vol. 44, p. 1040*)	$5,280.00	$5,280.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $1,860 to $2,400; average, $2,100—						
Assayer in charge	1	$2,100	1	$2,100	1	$2,100
Salary range, $1,680 to $2,040; average, $1,860—						
Assistant assayer	1	1,860	1	1,860	1	1,860
Salary range, $1,140 to $1,500; average, $1,320—						
Watchman	1	1,320	1	1,320	1	1,320
Total average number of employees	3		3		3	
01 Total salaries and wages, field service		5,280		5,280		5,280

Contingent Expenses, Mint at Carson City—		
For incidental and contingent expenses (*act Jan. 26, 1927, vol. 44, p. 1040*)	750.00	800.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Supplies and materials:			
0200 Stationery and office supplies	$10.00	$10.00	$34.85
0220 Scientific and educational supplies	60.00	60.00	57.61
0230 Fuel	340.00	360.00	342.46
0240 Wearing apparel and sewing supplies	10.00	10.00	3.00
0280 Sundry supplies	60.00	60.00	54.42
02 Total supplies and materials	480.00	500.00	492.34
Communication service:			
0510 Telephone service	24.00	24.00	24.00
0520 Other communication service	5.00	5.00	7.00
05 Total communication service	29.00	29.00	31.00
07 Transportation of things (service)	10.00	10.00	14.93
10 Furnishing of heat, light, power, water, and electricity (service)	170.00	200.00	156.01
12 Repairs and alterations	25.00	35.00	4.50
13 Special and miscellaneous current expenses	36.00	26.00	54.92
			753.70
Unobligated balance			46.30
Total	750.00	800.00	800.00

Salaries and Wages, Mint at Denver—		
Salaries: For compensation of officers and employees (*U. S. C., p. 992, sec. 261; act Jan. 26, 1927, vol. 44, p. 1040*)	156,500.00	156,710.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $5,200 to $6,000; average, $5,600—						
Superintendent	1	$5,400	1	$5,400	1	$5,200
Salary range, $4,300 to $3,900; average, $3,600—						
Chief assayer	1	3,300	1	3,300	1	3,300
Salary range, $3,000 to $3,600; average, $3,300—						
Chief clerk	1	3,300	1	3,300	1	3,600
Superintendent, melting and refining department	1	3,000	1	3,000	1	3,000
Superintendent, coining department	1	3,300	1	3,300	1	3,000
Salary range, $2,700 to $3,300; average, $3,000—						
Cashier	1	2,900	1	2,900	1	2,800
Superintendent of machinery and building	1	2,800	1	2,800	1	2,800
Salary range, $2,400 to $3,000; average, $2,700—						
Bookkeeper	1	2,500	1	2,500	1	2,400
Assistant chief assayer	1	2,600	1	2,600	1	2,500
Salary range, $2,100 to $2,700; average, $2,400—						
Principal clerk	3	2,300	3	2,300	3	2,300
Senior assayer					0.3	2,400
Scale adjuster	1	2,301	1	2,301	1	2,191
Foreman, grade 2	4	2,302	4	2,302	4	2,302

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Wages, Mint at Denver—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service—Continued.						
Salaries and wages—Continued.	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $1,860 to $2,400; average, $2,100—						
Senior clerk	3	$2,083	3	$2,083	3	$2,083
Assistant cashier	1	2,200	1	2,200	1	2,150
Junior assayer	2	2,034	2	2,034	2.2	2,034
Foreman, grade 1	3	1,982	3	1,982	3	1,982
General mechanic	2	2,199	2	2,199	2	2,199
Skilled workman, grade 3	2	2,199	2	2,199	2	2,199
Melter, grade 2	1	2,191	1	2,191	1	2,191
Salary range, $1,680 to $2,040; average, $1,860—						
Clerk	1	1,860	1	1,860	1	1,860
Melter, grade 1	5	1,815	5	1,815	4.8	1,815
Skilled workman, grade 2	9	1,777	9	1,777	9	1,777
Underassayer	1	1,815	1	1,815	1	1,815
Assistant engineer	1	1,815	1	1,815	1	1,815
Helper, grade 3	2	1,761	2	1,761	2.4	1,754
Salary range, $1,500 to $1,860; average, $1,680—						
Private secretary (stenographer)	1	1,500	1	1,500	1	1,500
Captain of watch	1	1,500	1	1,500	1	1,500
Helper, grade 2	16	1,663	16	1,663	15.6	1,660
Salary range, $1,140 to $1,500; average, $1,320—						
Lieutenant of watch					0.4	1,400
Watchman	7	1,214	7	1,214	6.1	1,216
Elevator conductor	1	1,200	1	1,200	1	1,200
Salary range, $1,020 to $1,260; average, $1,140—						
Telephone operator	1	1,200	1	1,200	1	1,200
Laborer	3	1,252	3	1,252	3	1,252
Temporary and overtime		1,189		1,059		857
Total average number of employees	80		80		79.8	
01 Total salaries and wages, field service		156,500		156,360		155,117
Unobligated balance						1,593
Reserve				350		
Total		156,500		156,710		156,710

Contingent Expenses, Mint at Denver—

For incidental and contingent expenses, including new machinery and repairs, net wastage in melting and refining department and coining department, and loss on sale of sweeps arising from the treatment of bullion and the manufacture of coin (*U. S. C., p. 992, sec. 261; act Jan. 26, 1927, vol. 44, p. 1040*) $40,000.00 $50,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Supplies and materials:			
0200 Stationery and office supplies	$370.00	$370.00	$125.34
0220 Scientific and educational supplies	4,800.00	5,000.00	2,447.11
0230 Fuel	7,500.00	8,500.00	6,991.53
0240 Wearing apparel and sewing supplies	700.00	700.00	726.12
0280 Sundry supplies	7,000.00	7,800.00	4,703.60
0290 Materials	4,350.00	5,300.00	3,447.44
02 Total supplies and materials	24,720.00	27,670.00	18,441.14
Communication service:			
0500 Telegraph service	60.00	60.00	67.14
0510 Telephone service	270.00	270.00	266.20
0520 Other communication service	50.00	50.00	
05 Total communication service	380.00	380.00	333.34
06 Travel expenses	50.00	50.00	102.00
07 Transportation of things (service)	500.00	500.00	478.36
10 Furnishing of heat, light, power, water, and electricity (service)	7,000.00	8,000.00	6,611.89
12 Repairs and alterations	2,500.00	2,550.00	2,061.57
13 Special and miscellaneous current expenses	4,100.00	4,100.00	316.54
Equipment:			
3010 Furniture, furnishings, and fixtures	200.00	200.00	50.00
3020 Educational, scientific, and recreational equipment	50.00	50.00	603.97
3050 Other equipment	500.00	500.00	379.05
30 Total equipment	750.00	750.00	1,033.02
			29,377.86
Unobligated balance			20,622.14
Reserve		6,000.00	
Total	40,000.00	50,000.00	50,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Salaries and Wages, Mint at New Orleans—		
Salaries: For compensation of officers and employees (*U. S. C., p. 992, sec. 261; act Jan. 26, 1927, vol. 44, p. 1040*)	$11,160.00	$11,160.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $2,700 to $3,300; average, $3,000—						
Assayer in charge	1	$3,000	1	$3,000	1	$3,000
Salary range, $1,860 to $2,400; average, $2,100—						
Assistant assayer	1	2,100	1	2,100	1	2,100
Salary range, $1,320 to $1,680; average, $1,500—						
Melter	1	1,500	1	1,500	1	1,500
Salary range, $1,140 to $1,500; average, $1,320—						
Clerk	1	1,200	1	1,200	1	1,200
Watchman	2	1,140	2	1,140	2	1,140
Salary range, $900 to $1,140; average, $1,020—						
Yardman (laborer)	1	1,080	1	1,080	1	1,080
Total average number of employees	7		7		7	
Total salaries and wages, field service		11,160		11,160		11,160

	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Contingent Expenses, Mint at New Orleans—		
For incidental and contingent expenses (*act Jan. 26, 1927, vol. 44, p. 1040*)	1,500.00	1,500.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Supplies and materials:			
0220	Scientific and educational supplies	$50.00	$50.00	$49.03
0230	Fuel	375.00	375.00	342.40
0280	Sundry supplies	200.00	200.00	104.13
0290	Materials	50.00	50.00	38.06
02	Total supplies and materials	675.00	675.00	533.62
	Communication service:			
0500	Telegraph service	10.00	10.00	1.52
0510	Telephone service	123.00	123.00	123.00
05	Total communication service	133.00	133.00	124.52
07	Transportation of things (service)	10.00	10.00	18.25
10	Furnishing of heat, light, power, water, and electricity (service)	450.00	450.00	421.90
12	Repairs and alterations	102.00	102.00	90.00
13	Special and miscellaneous current expenses	130.00	130.00	125.63
				1,313.92
	Unobligated balance			186.08
	Total	1,500.00	1,500.00	1,500.00

	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Salaries and Wages, Mint at Philadelphia—		
Salaries: For compensation of officers and other employees (*U. S. C., p. 992, sec. 261; act Jan. 26, 1927, vol. 44, p. 1040*)	583,000.00	598,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $5,200 to $6,000; average, $5,600—						
Superintendent	1	$5,400	1	$5,400	1	$5,200
Salary range, $3,800 to $5,000; average, $4,400—						
Engraver	1	4,200	1	4,200	1	4,000
Salary range, $3,300 to $3,900; average, $3,600—						
Chief clerk and assistant superintendent	1	3,900	1	3,900	1	3,800
Chief assayer	1	3,300	1	3,300	1	3,300
Salary range, $3,000 to $3,600; average, $3,300—						
Superintendent melting and refining department	1	3,300	1	3,300	1	3,300
Superintendent coining department	1	3,300	1	3,300	1	3,000
Salary range, $2,700 to $3,300; average, $3,000—						
Cashier	1	2,900	1	2,900	1	2,800
Superintendent of machinery	1	2,817	1	2,817	1	2,817
Salary range, $2,400 to $3,000; average, $2,700—						
Bookkeeper	1	2,740	1	2,740	1	2,740
Assistant chief assayer	1	2,500	1	2,500	1	2,500
Assistant engraver	1	2,582	1	2,582	1	2,536
Salary range, $2,100 to $2,700; average, $2,400—						
Assistant superintendent melting and refining department	1	2,304	1	2,304	1	2,253
Assistant superintendent, coining department					0.1	2,103
Principal clerk	2	2,300	2	2,300	2	2,300
Senior assayer	2	2,466	2	2,466	2	2,466
Scale adjuster	2	2,178	2	2,178	2	2,178
Foreman, Grade 2	11	2,304	11	2,304	9.8	2,300
Principal die maker	1	2,429	1	2,429	1	2,429

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries and Wages, Mint at Philadelphia—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service—Continued.						
Salaries and wages—Continued.	*Average—*		*Average—*		*Average—*	
Salary range, $1,860 to $2,400; average, $2,111.42—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Senior clerk	4	$2,010	4	$2,010	4	$1,990
Assistant cashier	1	2,220	1	2,220	1	2,130
Assistant bookkeeper	1	2,400	1	2,400	1	2,400
Junior assayer	1	2,204	1	2,204	1	2,195
Foreman, Grade 1	4	2,025	4	2,025	4	1,982
General mechanic	20	2,148	20	2,148	20.4	2,136
Melter, Grade 2	1	2,279	1	2,279	1	2,234
Skilled workman, Grade 3	16	2,158	16	2,158	17.2	2,119
Superintendent of building	1	2,200	1	2,200	1	2,200
Engineer	1	2,279	1	2,279	1	2,222
Salary range, $1,680 to $2,040; average, $1,860—						
Clerk	3	1,824	3	1,824	3	1,824
Storekeeper	1	1,853	1	1,853	1	1,853
Melter, grade 1	21	1,876	21	1,876	21	1,848
Skilled workman, grade 2	64	1,842	64	1,842	66.1	1,839
Assistant engineer	6	1,865	6	1,865	6	1,819
General mechanic	6	1,845	6	1,845	6	1,830
Private secretary	1	1,920	1	1,920	0.5	1,920
Salary range, $1,500 to $1,860; average, $1,680—						
Clerk	10	1,658	10	1,658	10	1,646
Private secretary					0.5	1,860
Captain of the watch	1	1,500	1	1,500	1	1,500
Foreman	1	1,628	1	1,628	1	1,628
Skilled workman, grade 1	28	1,741	28	1,741	8.7	1,708
Helper, grade 2	24	1,678	24	1,678	40	1,679
Salary range, $1,320 to $1,680; average, $1,500—						
Clerk	2	1,550	2	1,550	2	1,495
Fireman	6	1,578	6	1,578	6	1,555
Helper, grade 1	1	1,377	1	1,377	1	1,377
Principal seamstress					1	1,446
Salary range, $1,140 to $1,500; average, $1,320—						
Lieutenant of watch	2	1,380	2	1,380	2	1,380
Watchman	18	1,230	18	1,230	16	1,230
Elevator conductor	3	1,260	3	1,260	3	1,260
Seamstress, grade 2	17	1,377	17	1,377	9.5	1,337
Sorter	8	1,377	8	1,377	8.8	1,377
Telephone operator	1	1,377	1	1,377	1	1,377
Laborer, grade 2	11	1,270	11	1,270	11	1,270
Salary range, $1,020 to $1,260; average, $1,140—						
Seamstress, grade 1					7.5	1,252
Laborer, grade 1	1	1,027	1	1,027	1	1,027
Salary range, $900 to $1,140; average, $1,020—						
Messenger	1	900	1	900	0.5	900
Salary range, $780 to $1,020; average, $900—						
Charwoman	5	851	5	851	5	851
Temporary and overtime		18,792		18,792		13,686
Total average number of employees	322		322		320.6	
01 Total salaries and wages, field service		603,000		603,000		590,023
Unobligated balance						58,449
Reserve				15,000		
		603,000		618,000		648,472
Deduct amounts received from miscellaneous manufactures, including coin for foreign governments		20,000		20,000		48,472
Total		583,000		598,000		600,000

Contingent Expenses, Mint at Philadelphia—

For incidental and contingent expenses, including new machinery and repairs, cases and enameling for medals manufactured, expenses of the annual assay commission, net wastage in melting and refining and in coining departments, and loss on sale of sweeps arising from the treatment of bullion and the manufacture of coins, and not exceeding $1,000 in value of specimen coins and ores for the cabinet of the mint (*U. S. C., p. 992, sec. 261; act Jan. 26, 1927, vol. 44, p. 1040*) $100,000.00 $109,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Supplies and materials:			
0200	Stationery and office supplies	$1,500.00	$1,500.00	$1,348.93
0210	Medical and hospital supplies	50.00	50.00	3.60
0220	Scientific and educational supplies	500.00	500.00	509.55
0230	Fuel	50,000.00	50,000.00	49,732.76
0240	Wearing apparel and sewing supplies	10,000.00	10,000.00	10,034.27
0280	Sundry supplies	16,000.00	16,000.00	14,813.89
0290	Materials	14,400.00	14,400.00	13,399.25
02	Total supplies and materials	92,450.00	92,450.00	89,842.25
	Communication service:			
0500	Telegraph service	10.00	10.00	6.98
0510	Telephone service	940.00	940.00	927.01
05	Total communication service	950.00	950.00	933.99

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Contingent Expenses, Mint at Philadelphia—Continued.		

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
06	Travel expenses	$1,500.00	$1,500.00	$1,470.15
07	Transportation of things	1,200.00	1,200.00	1,212.48
10	Furnishing of heat, light, power, water, electricity (service)	2,400.00	2,400.00	2,391.68
12	Repairs and alterations	2,000.00	2,000.00	2,091.21
13	Special and miscellaneous current expenses	6,000.00	6,000.00	2,053.22
	Equipment:			
	3010 Furniture, furnishings, and fixtures	1,500.00	1,500.00	1,388.94
	3050 Other equipment	2,000.00	2,000.00	4,293.50
30	Total equipment	3,500.00	3,500.00	5,682.44
				105,677.42
	Unobligated balance			16,934.60
	Reserve		9,000.00	
		110,000.00	119,000.00	122,612.02
	Deduct amounts receivable for miscellaneous manufactures, including coin for foreign governments	10,000.00	10,000.00	12,612.02
	Total	100,000.00	109,000.00	110,000.00

Salaries and Wages, Mint at San Francisco—

Salaries: For compensation of officers and employees (*U. S. C., p. 992, sec. 261; act Jan. 26, 1927, vol. 44, p. 1049*) — $243,000.00 — $248,500.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $5,200 to $6,000; average, $5,600—						
Superintendent	1	$5,400	1	$5,400	1	$5,200
Salary range, $3,300 to $3,900; average, $3,600—						
Chief assayer	1	3,300	1	3,300	1	3,300
Salary range, $3,000 to $3,600; average, $3,300—						
Chief clerk	1	3,300	1	3,300	1	3,300
Superintendent, melting and refining department	1	3,300	1	3,300	1	3,300
Superintendent, coining department	1	3,300	1	3,300	1	3,300
Salary range, $2,700 to $3,300; average, $3,000—						
Cashier	1	2,900	1	2,900	1	2,800
Superintendent of machinery	1	2,801	1	2,801	1	2,801
Salary range, $2,400 to $3,000; average, $2,700—						
Assistant chief assayer	1	2,800	1	2,800	1	2,700
Assistant superintendent, melting and refining department	1	2,801	1	2,801	1	2,801
Assistant superintendent, coining department	1	2,500	1	2,500	1	2,500
Salary range, $2,100 to $2,700; average, $2,400—						
Bookkeeper	1	2,400	1	2,400	1	2,300
Principal clerk	2	2,240	2	2,240	2	2,240
Senior assayer	2	2,300	2	2,300	2	2,300
Scale adjuster	1	2,429	1	2,429	1	2,429
Foreman, grade 2	4	2,333	4	2,333	4	2,333
Skilled workman, grade 3	1	2,429	1	2,429	1	2,429
Salary range, $1,860 to $2,400; average, $2,100—						
Senior clerk	2	2,040	2	2,040	2	2,040
Assistant cashier	1	2,100	1	2,100	0.5	2,040
Assistant bookkeeper	1	2,100	1	2,100	1	2,040
Junior assayer	3	2,100	3	2,100	3	2,100
Foreman, grade 1	4	2,125	4	2,125	4	2,125
General mechanic	3	2,276	3	2,276	3	2,276
Melter, grade 2	1	2,301	1	2,301	1	2,301
Skilled workman, grade 3	9	2,149	9	2,149	9	2,149
Superintendent of building and captain of the watch	1	2,100	1	2,100	1	2,100
Salary range, $1,680 to $2,040; average, $1,860—						
Clerk	5	1,844	5	1,844	4.5	1,841
Storekeeper	1	1,806	1	1,806	1	1,806
Melter, grade 1	10	1,842	10	1,842	10	1,842
Skilled workman, grade 2	21	1,881	21	1,881	21	1,881
Assistant engineer	2	1,884	2	1,884	2	1,884
Salary range, $1,500 to $1,860; average, $1,680—						
Clerk	1	1,640	1	1,640	1	1,640
Private secretary	1	1,740	1	1,740	1	1,740
Helper, grade 2	22	1,674	23	1,674	21.8	1,674
Salary range, $1,140 to $1,500; average, $1,320—						
Watchman	11	1,205	11	1,205	11	1,205
Elevator conductor	1	1,200	1	1,200	1	1,200
Sorter	2	1,349	2	1,349	2	1,349
Salary range, $1,020 to $1,260; average, $1,140—						
Telephone operator	1	1,050	1	1,050	1	1,050
Temporary and overtime		152		1,478		1,178
Total average number of employees	124		125		122.8	
01 Total salaries and wages, field service		243,000		246,000		241,129
The difference between 1929 and 1928 is due to decrease in force, $3,000.						
Unobligated balance						14,871
Reserve				2,500		
Total		243,000		248,500		256,000

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Contingent Expenses, Mint at San Francisco— For incidental and contingent expenses, including new machinery and repairs, net wastage in the melting and refining department and in the coining department, and loss on sale of sweeps arising from the treatment of bullion and the manufacture of coin (*U. S. C., p. 992, sec. 261; act Jan. 26, 1927, vol. 44, p. 1040*)	$50,000.00	$56,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Supplies and materials:			
0200	Stationery and office supplies	$850.00	$850.00	$744.79
0210	Medical and hospital supplies	10.00	10.00	
0220	Scientific and educational supplies	6,500.00	6,870.00	6,526.56
0230	Fuel	6,500.00	7,000.00	6,447.29
0240	Wearing apparel and sewing supplies	1,620.00	2,000.00	1,573.08
0280	Sundry supplies	11,000.00	11,000.00	10,400.36
0290	Materials	9,000.00	9,000.00	8,259.68
02	Total supplies and materials	35,480.00	36,730.00	33,951.76
	Communication service:			
0500	Telegraph service	30.00	30.00	19.78
0510	Telephone service	210.00	210.00	202.09
0520	Other communication service	30.00	30.00	30.15
05	Total communication service	270.00	270.00	252.02
06	Travel expenses	100.00	100.00	15.00
07	Transportation of things (service)	200.00	200.00	166.85
10	Furnishing of heat, light, power, water, and electricity (service)	7,800.00	8,600.00	7,728.94
12	Repairs and alterations	550.00	900.00	257.67
13	Special and miscellaneous current expenses	2,000.00	2,000.00	388.59
	Equipment:			
3010	Furniture, furnishings, and fixtures	1,100.00	500.00	767.26
3020	Educational, scientific, and recreational equipment	300.00	700.00	
3050	Other equipment	2,200.00	2,000.00	1,902.63
30	Total equipment	3,600.00	3,200.00	2,669.89
				45,430.72
	Unobligated balance			12,069.28
	Reserve		4,000.00	
	Total	50,000.00	56,000.00	57,500.00

	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Salaries and Wages, Assay Office at Boise— Salaries: For compensation of officers and employees (*U. S. C., p. 992, sec. 261; act Jan. 26, 1927, vol. 44, p. 1040*)	6,300.00	6,300.00

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Field service:						
	Salaries and wages—	*Average—*		*Average—*		*Average—*	
	Salary range, $2,100 to $2,700; average, $2,400—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Assayer in charge	1	$2,500	1	$2,500	1	$2,500
	Salary range, $1,680 to $2,040; average, $1,860—						
	Assistant assayer	1	1,860	1	1,860	1	1,860
	Salary range, $1,320 to $1,680; average, $1,500—						
	Helper-melter	1	1,440	1	1,440	1	1,440
	Salary range, $780 to $1,020; average, $900—						
	Laborer	1	900	1	900	1	900
	Total average number of employees	4		4		4	
	Total salaries and wages, field service		6,700		6,700		6,700
	Deduct allowance value of quarters, etc., furnished		400		400		400
01	Total personal services, cash payment		6,300		6,300		6,300

	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Contingent Expenses, Assay Office at Boise— For incidental and contingent expenses (*act Jan. 26, 1927, vol. 44, p. 1040*)	1,000.00	1,500.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 apprn-priation	Expended and obligated, 1927
	Supplies and materials:			
0200	Stationery and office supplies	$10.00	$10.00	
0220	Scientific and educational supplies	160.00	450.00	$117.37
0230	Fuel	125.00	150.00	127.67
0280	Sundry supplies	20.00	20.00	
02	Total supplies and materials	315.00	630.00	245.04

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Contingent Expenses, Assay Office at Boise—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Communication service:			
0500 Telegraph service	$5.00	$5.00	$0.46
0510 Telephone service	60.00	60.00	60.00
0520 Other communication service	10.00	10.00	8.00
05 Total communication service	75.00	75.00	68.46
07 Transportation of things	10.00	10.00	3.00
10 Furnishing of heat, light, power, water, and electricity (service)	550.00	550.00	543.75
12 Repairs and alterations	25.00	50.00	4.50
13 Special and miscellaneous expenses	5.00	5.00	1.50
Equipment:			
3020 Educational, scientific, and recreational equipment	10.00	150.00	49.30
3050 Other equipment	10.00	30.00	3.50
30 Total equipment	20.00	180.00	52.80
			919.05
Unobligated balance			580.95
Total	1,000.00	1,500.00	1,500.00

Salaries and Wages, Assay Office at Helena—

Salaries: For compensation of officers and other employees (*U. S. C., p. 992, sec. 261; act Jan. 26, 1927, vol. 44, p. 1040*) ..... $5,280.00 | $5,280.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $2,100 to $2,700; average, $2,400— Assayer in charge	1	$2,460	1	$2,460	1	$2,460
Salary range, $1,680 to $2,040; average, $1,860— Assistant assayer	1	1,860	1	1,860	1	1,860
Salary range, $1,140 to $1,500; average, $1,320— Helper	1	1,320	1	1,320	1	1,320
Total average number of employees	3		3		3	
Total salaries and wages, field service		5,640		5,640		5,640
Deduct allowance value of quarters, subsistence, etc., furnished		360		360		360
01 Cash payment, salaries and wages		5,280		5,280		5,280

Contingent Expenses, Assay Office at Helena—

For incidental and contingent expenses (*act Jan. 26, 1927, vol. 44, p. 1040*) ..... 1,000.00 | 1,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Supplies and materials:			
0200 Stationery and office supplies	$10.00	$10.00	$9.75
0220 Scientific and educational supplies	140.00	145.00	145.51
0230 Fuel	760.00	780.00	740.50
02 Total supplies and materials	910.00	935.00	895.76
Communication service:			
0510 Telephone service	84.00	84.00	84.00
0520 Other communication service	8.00	8.00	8.00
05 Total communication service	92.00	92.00	92.00
07 Transportation of things (service)	20.00	20.00	32.90
10 Furnishing of heat, light, power, water, and electricity (service)	230.00	205.00	186.00
12 Repairs and alterations	20.00	20.00	10.85
13 Special and miscellaneous current expenses	8.00	8.00	
30 Equipment	20.00	20.00	2.35
			1,219.86
Unobligated balance			174.19
	1,300.00	1,300.00	1,394.05
Deduct amount receivable from operating supplies for public buildings	300.00	300.00	294.05
Total	1,000.00	1,000.00	1,100.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Salaries and Wages, Assay Office at New York—		
Salaries: For compensation of officers and other employees (*U. S. C., p. 992, sec. 261; act Jan. 26, 1927, vol. 44, p. 1040*)	$254,000.00	$254,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $5,200 to $6,000; average, $5,600—						
Superintendent	1	$5,400	1	$5,400	1	$5,200
Salary range, $3,300 to $3,900; average, $3,600—						
Superintendent melting and refining department	1	3,900	1	3,900	1	3,800
Chief assayer	1	3,300	1	3,300	1	3,300
Salary range, $3,000 to $3,600; average, $3,300—						
Chief clerk	1	3,300	1	3,300	1	3,000
Chief cashier	1	3,300	1	3,300	1	3,130
Salary range, $2,700 to $3,300; average, $3,000—						
Assistant superintendent melting and refining department	1	3,005	1	3,005	1	3,005
Salary range, $2,400 to $3,000; average, $2,700—						
Cashier	1	2,500	1	2,500	1	2,500
Bookkeeper	1	2,700	1	2,700	1	2,600
Assistant chief assayer	1	2,800	1	2,800	1	2,800
Superintendent of machinery	1	2,629	1	2,629	1	2,629
Chief of deposits division	1	2,800	1	2,800	1	2,800
Salary range, $2,100 to $2,700; average, $2,400—						
Superintendent of building	1	2,700	1	2,700	1	2,629
Principal clerk	2	2,270	2	2,270	2	2,270
Senior assayer	2	2,402	2	2,402	2.1	2,415
Scale adjuster	1	2,128	1	2,128	1	2,128
Foreman, grade 2	9	2,467	9	2,467	9	2,467
Chemist	1	2,504	1	2,504	1	2,504
Salary range, $1,860 to $2,400; average, $2,100—						
Senior clerk	3	2,133	3	2,133	3	2,133
Assistant cashier	1	2,100	1	2,100	1	2,100
Junior assayer	5	2,153	5	2,153	5	2,153
General mechanic	5	2,028	5	2,028	5	1,987
Skilled workman, grade 3	13	2,056	13	2,056	12.1	2,056
Melter, grade 2	9	2,059	9	2,059	9	2,059
Salary range, $1,680 to $2,040; average, $1,860—						
Clerk	3	1,907	3	1,907	3	1,847
Storekeeper	1	2,003	1	2,003	1	2,003
Skilled workman, grade 2	13	1,864	13	1,864	11.6	1,820
Underassayer	4	1,882	4	1,882	5	1,825
Helper, grade 3	9	1,795	9	1,795	8	1,753
Salary range, $1,500 to $1,860; average, $1,680—						
Clerk	1	1,740	1	1,740	0.8	1,740
Private secretary	1	1,680	1	1,680	1	1,680
Captain of watch	1	1,740	1	1,740	1	1,740
Bullion guard	1	1,806	1	1,806	1	1,806
Skilled laborer, grade 2	4	1,565	4	1,565	5	1,545
Helper, grade 2	3	1,565	2	1,565	2.9	1,572
Salary range, $1,320 to $1,680; average, $1,500—						
Clerk					0.9	1,500
Salary range, $1,140 to $1,500; average, $1,320—						
Clerk	1	1,240	1	1,240	0.1	1,240
Telephone operator	1	1,400	1	1,400	1	1,317
Guard (watchman)	13	1,500	13	1,500	12.9	1,490
Elevator conductor	1	1,252	1	1,252	1	1,252
Skilled laborer, grade 1	1	1,377	1	1,377	1.9	1,377
Salary range, $1,020 to $1,260; average, $1,140—						
Unskilled laborer	1	1,252	1	1,252	0.8	1,252
Salary range, $600 to $780; average, $690—						
Charwoman	3	740	3	740	2.8	740
Temporary and overtime		3,023		3,088		2,104
Total average number of employees	125		124		123.9	
01 Total salaries and wages, field service		254,000		252,500		248,214
Unobligated balance						6,786
Reserve				1,500		
		254,000		254,000		255,000

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Contingent Expenses, Assay Office at New York— For incidental and contingent expenses, including new machinery and repairs, net wastage in the melting and refining department, and loss on sale of sweeps arising from the treatment of bullion (*U. S. C., p. 992, sec. 261; act Jan. 26, 1927, vol. 44, p. 1040*)	$84,000.00	$84,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Supplies and materials:			
0200	Stationery and office supplies	$500.00	$500.00	$507.10
0210	Medical and hospital supplies	30.00	30.00	23.28
0220	Scientific and educational supplies	19,700.00	19,500.00	19,153.58
0230	Fuel	8,600.00	8,500.00	8,547.58
0240	Wearing apparel and sewing supplies	2,000.00	2,000.00	2,565.07
0280	Sundry supplies	12,300.00	12,600.00	15,150.58
0290	Materials	1,700.00	1,400.00	1,320.49
02	Total supplies and materials	44,830.00	44,530.00	47,267.68
05	Communication service (telephone)	670.00	670.00	657.70
06	Travel expenses	50.00	50.00	56.83
07	Transportation of things (service)	40.00	40.00	31.40
10	Furnishing of heat, light, power, water, and electricity (service)	27,000.00	27,000.00	27,074.44
12	Repairs and alterations	2,000.00	1,500.00	1,187.93
13	Special and miscellaneous current expenses	9,010.00	8,810.00	5,942.72
	Equipment:			
3010	Furniture, furnishings, and fixtures	200.00	200.00	393.89
3050	Other equipment	200.00	200.00	252.75
30	Total equipment	400.00	400.00	646.64
			83,000.00	82,865.34
	Unobligated balance			2,134.66
	Reserve		1,000.00	
	Total	84,000.00	84,000.00	85,000.00

Salaries and Wages, Assay Office at Salt Lake City— Salaries: For compensation of officers and employees (*U. S. C., p. 992, sec. 261; act Jan. 26, 1927, vol. 44, p. 1040*)	3,960.00	3,960.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $1,860 to $2,400; average, $2,100—						
Assayer in charge	1	$2,100	1	$2,100	1	$2,100
Salary range, $1,680 to $2,040; average, $1,860—						
Skilled workman	1	1,860	1	1,860	1	1,860
Total average number of employees	2		2		2	
01 Total salaries and wages, field service		3,960		3,960		3,960

Contingent Expenses, Assay Office at Salt Lake City— For incidental and contingent expenses (*act Jan. 26, 1927, vol. 44, p. 1040*)	300.00	300.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Supplies and materials:			
0220	Scientific and educational supplies	$127.00	$127.00	$106.86
0230	Fuel	85.00	85.00	70.87
02	Total supplies and materials	212.00	212.00	177.73
05	Communication service (telephone)	48.00	48.00	50.40
07	Transportation of things (service)	10.00	10.00	
12	Repairs and renewals	30.00	30.00	
				228.13
	Unobligated balance			71.87
	Total	300.00	300.00	300.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Salaries and Wages, Assay Office at Seattle—		
Salaries: For compensation of officers and employees (*U. S. C., p. 992, sec. 261; act Jan. 26, 1927, vol. 44, p. 1041*)	$19,680.00	$19,680.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $2,700 to $3,300; average, $3,000—						
Assayer in charge	1	$3,000	1	$3,000	1	$3,000
Salary range, $2,100 to $2,700; average, $2,400—						
Assistant assayer	1	2,100	1	2,100	1	2,267
Salary range, $1,860 to $2,400; average, $2,100—						
Senior clerk	1	2,100	1	2,100	1	2,100
Salary range, $1,680 to $2,040; average, $1,860—						
Clerk	1	1,860	1	1,860	1	1,860
Underassayer	1	1,860	1	1,860	1	1,860
Melter	1	1,860	1	1,860	1	1,860
Salary range, $1,500 to $1,860; average, $1,680—						
Skilled workman	1	1,860	1	1,860	1	1,693
Assistant melter	1	1,560	1	1,560	1	1,560
Salary range, $1,140 to $1,500; average, $1,320—						
Helper	1	1,200	1	1,200	1	1,200
Watchman	2	1,140	2	1,140	1.9	1,140
Total average number of employees	11		11		10.9	
01 Total salaries and wages, field service		19,680		19,680		19,579
Unobligated balance						101
Total		19,680		19,680		19,680

Contingent Expenses, Assay Office at Seattle—			
For incidental and contingent expenses (*act Jan. 26, 1927, vol. 44, p. 1041*)	5,750.00		6,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Supplies and materials:			
0220 Scientific and educational supplies	$300.00	$200.00	$121.91
0230 Fuel	1,200.00	1,175.00	1,000.20
0280 Sundry supplies	650.00	750.00	517.61
02 Total supplies and materials	2,150.00	2,125.00	1,639.72
Communication service:			
0500 Telegraph service	10.00	10.00	2.28
0510 Telephone service	150.00	141.00	141.00
05 Total communication service	160.00	151.00	143.28
06 Travel expenses	50.00	50.00	
07 Transportation of things	60.00	60.00	231.77
10 Furnishing of heat, light, power, water, and electricity (service)	350.00	350.00	286.20
11 Rent of buildings and structures	2,100.00	2,100.00	2,100.00
12 Repairs and alterations	200.00	375.00	204.17
13 Special and miscellaneous current expenses	480.00	520.00	394.00
30 Equipment	200.00	269.00	
			4,999.14
Unobligated balance			.86
Total	5,750.00	6,000.00	5,000.00

Total, Mint Service	1,619,460.00	1,666,070.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
OFFICE OF SUPERVISING ARCHITECT		
Salaries, Office of Supervising Architect—		
Salaries: For the Supervising Architect, and other personal services in the District of Columbia, in accordance with the classification act of 1923 (*U. S. C., p. 1302, sec. 251; acts Mar. 3, 1875, vol. 18, p. 396, sec. 2; Jan. 26, 1927, vol. 44, p. 1041*)	$337,120.00	$360,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Clerical, administrative, and fiscal service—	*Average*—		*Average*—		*Average*—	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 13, $6,000 to $7,500; average, $6,750—						
Executive officer (chief administrative officer)	1	$6,500	1	$6,500	1	$6,050
Grade 12, $5,200 to $6,000; average, $5,600—						
Senior administrative officer (executive officer)	1	5,600	1	5,600	1	5,075
Grade 11, $3,800 to $5,000; average, $4,400—						
Administrative officer (special assistant to assistant secretary)	1	4,400	1	4,400	1	3,969
Grade 10, $3,300 to $3,900; average, $3,600—						
Junior administrative officer (division superintendent, etc.)	3	3,600	3	3,600	3	3,576
Grade 9, $3,000 to $3,600; average, $3,300—						
Senior administrative assistant	1	3,100	1	3,000	0.2	3,300
Grade 8, $2,700 to $3,300; average, $3,000—						
Administrative assistant	1	3,000	1	3,000	1	3,000
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant	10	2,700	10	2,640	10	2,515
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	7	2,400	7	2,371	7	2,300
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	11	2,111	11	2,087	8	2,018
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	24	1,875	24	1,875	26	1,850
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	44	1,670	44	1,657	39.9	1,605
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	28	1,495	28	1,450	26.5	1,400
Grade 1, $1,140 to $1,600; average, $1,320—						
Underclerk	16	1,319	16	1,294	19	1,251
Professional service—						
Grade 5, $5,200 to $6,000; average, $5,600—						
Senior engineer (technical officer)	1	6,000	1	6,000	1	5,600
Senior engineer (technical division superintendent)	4	5,500	4	5,450	4	5,200
Grade 4, $3,800 to $5,000; average, $4,400—						
Attorney (chief law and records division)	1	4,200	1	4,000	0.8	3,800
Engineer (technical division superintendent, repairs)			1	4,600	1	4,400
Engineer (technical division assistant superintendent)			4	4,350	4	4,300
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate attorney (assistant chief, law and records division)			1	3,300	0.3	3,000
Subprofessional service—						
Grade 6, $1,860 to $2,400; average, $2,111.12—						
Senior lithographer, mechanical	1	2,300	1	2,200	1	2,150
Grade 4, $1,500 to $1,860; average, $1,680—						
Assistant lithographer, mechanical	1	1,740	1	1,680	1	1,630
Custodial service—						
Grade 3, $1,020 to $1,260; average, $1,140—						
Senior laborer	2	1,230	2	1,230	2	1,230
Messenger	7	1,114	7	1,114	7	1,089
Grade 2, $900 to $1,140; average, $1,020—						
Junior laborer	2	1,019	2	960	2	960
Assistant messenger	7	960	7	900	7	900
Total average number of employees	174		180		174.7	
01 Total salaries, departmental service		337,120		357,924		333,907
Unobligated balance						37,813
Amount to be absorbed through lapses, etc.				5,124		
				352,800		
Reserve				7,200		
Total		337,120		360,000		371,720
The difference between 1929 and 1928 is due to—						
Transfer of 6 technical employees (division superintendent and assistant superintendents) to general expense roll	$25,300					
Increase in salaries	2,420					
Net decrease	22,880					

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
PUBLIC BUILDINGS, SITES, CONSTRUCTION, EXTENSION, REMODELING, RENTS, ETC.		
PROJECTS UNDER SECTION 3, PUBLIC BUILDINGS ACT, APPROVED MAY 25, 1926, AS AMENDED		
Durango, Colo., Post Office, Courthouse, Etc.— Toward the construction of the building $50,000, and the Secretary of the Treasury is hereby authorized to construct said building, except for the courts, at a limit of cost of $150,000 in lieu of $200,000 heretofore authorized: *Provided*, That the work be so done that the courts can be added later.		
Juneau, Alaska, Federal and Territorial Building— Toward the construction of the building, $200,000, under an estimated total cost of $775,000 in lieu of $177,500 as authorized in act of June 25, 1910.		
Long Island City, N. Y., Post Office and Other Government Offices— Toward the construction of the building, $250,000; and the Secretary of the Treasury is authorized to enter into contracts for the entire estimated cost of such building for not to exceed $475,000 in lieu of $300,000 fixed in the act of July 3, 1926.		
Newark, N. J., Post Office, Courthouse, etc.— Toward the acquisition of a site and the construction of a suitable building for the accommodation of the post office, United States courts, and so forth, $900,000; and the Secretary of the Treasury is authorized to enter into contracts for the entire estimated cost of such building and site for not to exceed $5,000,000 in lieu of $3,875,000 fixed in the act of July 3, 1926; and the Secretary of the Treasury may, in his discretion, disregard the restriction of the acts of March 4, 1913, and August 11, 1913, relating to the above-mentioned project: *Provided*, That the Secretary of the Treasury shall not enter into contracts for the purchase of a site and construction of a building until he is assured that the present post office and customhouse site and building can be disposed of for an amount in excess of $4,500,000.		
San Pedro, Calif., Post Office, Customhouse, etc.— For the acquisition of a site and toward the construction of building, including any tunnel that may be necessary, in addition to appropriation previously made, $100,000; and the Secretary of the Treasury is authorized to enter into contracts for the entire estimated cost of such building, site, and tunnel for not to exceed $575,000 in lieu of $60,000 fixed in the act of March 4, 1913.		
PROJECTS OUTSIDE THE DISTRICT OF COLUMBIA UNDER SECTION 5, PUBLIC BUILDINGS ACT, APPROVED MAY 25, 1926		
The Secretary of the Treasury is authorized to enter into contracts for sites or additional land for public buildings, purchase of sites and buildings thereon, commencement, completion, extension, remodeling, and rehabilitation of public buildings in amounts not exceeding the respective limits of cost herein set forth, as follows:		
Albany, N. Y., Post Office, Courthouse, Customhouse, etc.— For acquisition of site or of additional land, demolition of building, and commencement of construction, $750,000, under an estimated total cost of $2,000,000.		
Alexandria, Va., Post Office, Courthouse, etc.— For acquisition of additional land, demolition of building, and commencement of construction, $100,000, under an estimated total cost of $380,000.		
Amsterdam, N. Y., Post Office, etc.— For acquisition of additional land and commencement of extension and remodeling, $60,000, under an estimated total cost of $175,000, and the Secretary of the Treasury is hereby authorized to acquire by purchase, condemnation or otherwise, all rights in a "right of way" along the easterly boundary of the post-office site included in the additional land sought to be acquired, also authority to acquire, if necessary by purchase, condemnation or otherwise, a strip of land along the southerly boundary of the post-office site, on which a right of way may be established by the granting of an easement, in exchange for the existing "right of way."		
Asheville, N. C., Post Office, Courthouse, etc.— For commencement of construction, $200,000, under an estimated total cost of $650,000.		
Baltimore, Md., Post Office, etc.— For demolition of building and commencement of construction, $500,000, under an estimated total cost of $2,575,000.		
Bartlesville, Okla., Post Office, etc.— For acquisition of site and commencement of construction, $60,000, under an estimated total cost of $175,000.		
Bellows Falls, Vt., Post Office, etc.— For acquisition of site and commencement of construction, $35,000, under an estimated total cost of $90,000.		
Binghamton, N. Y., Post Office, Courthouse, etc.— For purchase of additional land and building thereon, $50,000.		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Camden, N. J., Post Office, Courthouse, etc.—		
For acquisition of site and commencement of construction, $410,000, under an estimated total cost of $1,100,000.		
Canton, Ga., Post Office, etc.—		
For commencement of construction, $35,000, under an estimated total cost of $55,000.		
Conway, Ark., Post Office, etc.—		
For commencement of construction, $35,000, under an estimated total cost of $90,000.		
Corinth, Miss., Post Office, etc.—		
For acquisition of additional land and extension and rehabilitation of the building, $75,000.		
Corsicana, Tex., Post Office, etc.—		
For extension and remodeling, $90,000.		
Dallas, Tex., Post Office, Courthouse, and Other Government Offices—		
For commencement of construction, $300,000, under an estimated total cost of $1,250,000: *Provided*, That the present Federal building and site at Main and Ervay Streets shall not be sold for an amount less than $1,250,000.		
Denver, Colo., Customhouse, etc.—		
For acquisition of site and commencement of construction, $250,000, under an estimated total cost of $1,060,000.		
Duluth, Minn., Post Office, Courthouse, Customhouse, etc.—		
For commencement of construction, $500,000, under an estimated total cost of $1,200,000: *Provided*, That the Secretary of the Treasury may, in his discretion, on such terms and conditions as he shall deem proper and reasonable, exchange the present site and building for land for the enlargement of the present vacant site.		
Dunkirk, N. Y., Post Office, etc.—		
For commencement of construction, $75,000, under an estimated total cost of $100,000.		
East Chicago, Ind., Post Office, etc.—		
For acquisition of site and commencement of construction, $40,000, under an estimated total cost of $185,000.		
Elizabeth, N. J., Post Office—		
For extension and remodeling, etc., $175,000.		
Elmira, N. Y., Post Office, Courthouse, etc.—		
For extension and remodeling, $265,000.		
Erie, Pa., Post Office—		
For acquisition of site and commencement of construction, including any tunnel that may be found necessary, $200,000, under an estimated total cost of $555,000.		
Fargo, N. Dak., Post Office, Courthouse, etc.—		
The Secretary of the Treasury is authorized to construct a building on the site owned by the Government and located on the northwest corner of block 5, Roberts Addition, or, at his discretion, to exchange for the property on the southwest corner of block 5 a portion of said site, paying the owners of said property not exceeding $50,000, and convey to the city by quitclaim deed a 20-foot strip of said site for use as an alley, on the condition that the alley between the present post-office site and the property on the southwest corner of block 5 be closed, demolish the buildings on the enlarged site, and construct a new building thereon, or to acquire a new site and construct a new building thereon, $250,000, at an estimated total cost in any case of $600,000.		
Flint, Mich., Post Office, etc.—		
For acquisition of site and commencement of construction, $200,000, under an estimated total cost of $560,000.		
Fort Wayne, Ind., Post Office, Courthouse, etc.—		
For acquisition of site and commencement of construction, $400,000, under an estimated total cost of $1,000,000.		
Fort Worth, Tex., Post Office, etc.—		
For acquisition of site and commencement of construction, $425,000, under an estimated total cost of $1,200,000.		
Freeport, Ill., Post Office, etc.—		
For acquisition of additional land and commencement of extension and remodeling, $60,000, under an estimated total cost of $275,000.		
Greenville, Tex., Post Office, etc.—		
For additional land and extension and remodeling, $80,000.		
Hammond, Ind., Post Office, Courthouse, etc.—		
For commencement of extension and remodeling, $75,000, under an estimated total cost of $155,000.		
Hanover, N. H., Post Office, etc.—		
For acquisition of site and commencement of construction, $50,000, under an estimated total cost of $100,000.		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Hartsville, S. C., Post Office, etc.—		
For acquisition of site and commencement of construction, $50,000, under an estimated total cost of $75,000.		
Kansas City, Mo., Post Office, etc.—		
For acquisition of site and commencement of construction, $600,000, under an estimated total cost of $4,500,000.		
La Crosse, Wis., Post Office, Courthouse, etc.—		
For additional land, extension and remodeling, $100,000, under a total estimated cost of $140,000.		
Lancaster, Pa., Post Office, etc.—		
For commencement of construction, $140,000, under an estimated total cost of $500,000.		
Lawrence, Kans., Post Office, etc.—		
For acquisition of additional land and commencement of extension and remodeling, $55,000, under an estimated total cost of $120,000.		
Lima, Ohio, Post Office, etc.—		
For acquisition of site and commencement of construction, $150,000, under an estimated total cost of $475,000.		
Louisville, Ky., Post Office, Courthouse, and Customhouse, etc.—		
For the acquisition of a site and commencement of construction, $700,000, under a total estimated cost not to exceed $2,800,000: *Provided*, That the Secretary of the Treasury shall not enter into a contract for the purchase of a new site or for the construction of a new and suitable building until he shall be satisfied that the proceeds of the sale of the present post-office and courthouse site and building together with a sum not to exceed $300,000 will be sufficient to purchase a new and suitable site and construct a new and suitable building to house all Federal activities desiring Federal space in the city of Louisville.		
Lowell, Mass., Post Office, etc.—		
For acquisition of site and commencement of construction, $225,000, under an estimated total cost of $500,000.		
Miami, Fla., Post Office, Courthouse, Customhouse, etc.—		
For acquisition of additional land and commencement of extension and remodeling, or, at the discretion of the Secretary of the Treasury, the acquisition of a new site and commencement of construction, $680,000, under an estimated total cost of $1,125,000.		
Mitchell, S. Dak., Post Office, etc.—		
For commencement of extension and remodeling, $35,000, under an estimated total cost of $70,000.		
Newark, Del., Post Office, etc.—		
For commencement of construction, $35,000, under an estimated total cost of $60,000.		
New Britain, Conn., Post Office, etc.—		
For acquisition of additional land and commencement of extension and remodeling, $100,000, under an estimated total cost of $250,000.		
Newburgh, N. Y., Post Office, etc.—		
For acquisition of site and commencement of construction, $125,000, under an estimated total cost of $340,000.		
New Orleans, La., Marine Hospital—		
For any demolition of present buildings that may be found necessary and commencement of construction, $330,000, under an estimated total cost of $1,800,000.		
Newton, Iowa, Post Office, etc.—		
For commencement of construction, $85,000, under an estimated total cost of $125,000.		
Niagara Falls, N. Y., Customhouse—		
For rehabilitation of building, $75,000.		
Oakland, Calif., Post Office, Customhouse, etc.—		
For demolition of the present building and for construction on a site heretofore acquired of a building for the post office, customhouse, and so forth, $550,000: *Provided*, That the Secretary of the Treasury is hereby authorized to sell to the city of Oakland a strip of land 30 by 300 feet extending along Seventeenth Street between Broadway and Franklin Streets, or a portion thereof, or to exchange said strip or a portion thereof for approximately an equal portion of land fronting on Franklin Street and adjacent to the Government property, the land so disposed of to the city to be used for street purposes and for no other purpose: *Provided further*, That in lieu of building on the present site the Secretary of the Treasury may at his discretion acquire by purchase, condemnation, or otherwise, a new site and construct a building thereon at an estimated total cost for site and building of $1,510,000, in which event the present building and site at Broad, Seventeenth, and Franklin Streets shall not be sold for an amount less than $1,750,000, and the above-mentioned amount, $550,000, shall become available toward the purchase of the new site, and the Secretary of the Treasury is authorized to enter into contracts for the entire estimated cost of such new site and building.		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Oshkosh, Wis., Post Office, etc.—		
For acquisition of site and commencement of construction, $125,000, under an estimated total cost of $420,000.		
Paris, Tenn., Post Office, etc.—		
For completion of extension and remodeling, $35,000.		
Pawtuckct, R. I., Post Office, etc.—		
For acquisition of site and commencement of construction, $200,000, under an estimated total cost of $400,000.		
Philadelphia, Pa., Marine Hospital—		
For purchase of site and building, and remodeling and repair of such building, $75,000.		
Pittsfield, Mass., Post Office, etc.—		
For acquisition of additional land and commencement of extension and remodeling, $100,000, under an estimated total cost of $195,000.		
Plattsburgh, N. Y., Customhouse and Post Office—		
For demolition of present building and commencement of construction, $100,000, under an estimated total cost of $120,000.		
Pontiac, Mich., Post Office, etc.—		
For completion of extension and remodeling, $200,000.		
Portland, Oreg., Courthouse, etc.—		
For acquisition of site and commencement of construction, $500,000, under an estimated total cost of $1,500,000: *Provided*, That the present Federal building and site at Morrison, Fifth, Yamhill, and Sixth Streets, shall not be sold for an amount less than $1,750,000.		
Price, Utah, Post Office, etc.—		
For acquisition of site and commencement of construction, $50,000, under an estimated total cost of $90,000.		
Pullman, Wash., Post Office, etc.—		
For acquisition of site and commencement of construction, $20,000, under an estimated total cost of $100,000.		
Roanoke, Va., Post Office, Courthouse, etc.—		
For acquisition of site and commencement of construction, $350,000, under an estimated total cost of $775,000.		
Rushville, Ind., Post Office, etc.—		
For acquisition of site and commencement of construction, $40,000, under an estimated total cost of $100,000.		
San Francisco, Calif., Marine Hospital—		
For commencement on a site now owned by the Government of a general hospital building, together with such additional buildings, alterations in, additions to, or demolition of, existing buildings, mechanical equipment and outside service lines, and approach work as may be necessary to provide auxiliary facilities, $150,000, under an estimated total cost of $1,640,000.		
Santa Fe, N. Mex., Courthouse, etc.—		
For extension and remodeling, $270,000.		
Scottsbluff, Nebr., Post Office, etc.—		
For acquisition of site and commencement of construction, $40,000, under an estimated total cost of $100,000.		
Scranton, Pa., Post Office, Courthouse, etc.—		
For acquisition of additional land, demolition of building and commencement of construction or, at the discretion of the Secretary of the Treasury, the acquisition of a new site and commencement of construction, $500,000, under an estimated total cost of $1,475,000: *Provided*, That the Secretary of the Treasury, in his discretion, may accept a title to such site or additional land which reserves or excepts all coal or other minerals on the lands with the right of mining same.		
Sedalia, Mo., Post Office, etc.—		
For acquisition of additional land, demolition of building, or acquisition of a new site and commencement of construction, $85,000, under an estimated total cost of $170,000.		
Springfield, Ill., Post Office, Courthouse, Weather Bureau, etc.—		
For demolition of buildings and commencement of construction, $200,000, under an estimated total cost of $850,000; and the portion of the Federal building site that was transferred to the Department of Agriculture by act approved March 3, 1905, is hereby transferred to the Treasury Department.		
Watertown, N. Y., Post Office, etc.—		
For commencement of extension and remodeling, $50,000, under an estimated total cost of $200,000.		
Waukegan, Ill., Post Office, etc.—		
For acquisition of site and commencement of construction, $100,000, under an estimated total cost of $335,000.		
White Plains, N. Y., Post Office, etc.—		
For acquisition of site and commencement of construction, $150,000, under an estimated total cost of $350,000.		
Wichita, Kans., Post Office, Courthouse, etc.—		
For acquisition of site and commencement of construction, $250,000, under an estimated total cost of $1,200,000.		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Wilkes-Barre, Pa., Post Office, etc.—		
For acquisition of additional land and commencement of extension and remodeling, $100,000, under an estimated total cost of $395,000: *Provided*, That the Secretary of the Treasury, in his discretion, may accept a title to such land which reserves or excepts all coal or other minerals on the lands with the right of mining same.		
Wooster, Ohio, Post Office, etc.—		
For completion of extension and remodeling, $80,000.		
Worcester, Mass., Post Office, Courthouse, etc.—		
For demolition and commencement of construction, $250,000, under an estimated total cost of $800,000.		
Zanesville, Ohio, Post Office, etc.—		
For acquisition of additional land, $20,000.		
PROJECTS IN THE DISTRICT OF COLUMBIA UNDER SECTION 5, PUBLIC BUILDINGS ACT, APPROVED MAY 25, 1926		
Department of Commerce Building—		
Toward the construction of the building, $1,400,000; and the Secretary of the Treasury is authorized to enter into contracts for the entire estimated cost of such building for not to exceed $17,500,000, in lieu of $10,000,000 fixed in the act of July 3, 1926.		
Internal Revenue Building—		
Toward the construction of the building, $1,500,000; and the Secretary of the Treasury is authorized to enter into contracts for the entire estimated cost of such project for not to exceed $10,000,000, in lieu of $7,950,000 fixed in the act of July 3, 1926.		
Washington, D. C., Government Printing Office—		
For continuation of construction, $600,000.		
RECAPITULATION		
Total public buildings, construction, etc. (section 3, $15,000,000 authorization) — Estimated expenditures $1,500,000; Limit of cost $2,362,500		
Total public buildings, construction, etc. (section 5, $100,000,000 authorization) — Estimated expenditures 13,820,000; Limit of cost 41,665,000		
Total public buildings, construction, etc. (section 5, $50,000,000 authorization) — Estimated expenditures 3,500,000; Limit of cost 9,550,000		
Grand total — Estimated expenditures 18,820,000; Limit of cost 53,577,500		
For the purposes of the act, "An act to provide for the construction of certain public buildings, and for other purposes," approved May 25, 1926, as amended, $13,000,000, for expenditure on projects heretofore, herein, or hereafter specifically authorized	$13,000,000.00	
OTHER PROJECTS		
New York, N. Y., Appraisers' Stores—		
For the carrying out of the act entitled "An act to authorize the Secretary of the Treasury to enter into a contract to purchase, upon completion, a suitable building for customs and other governmental purposes in the city of New York," approved March 4, 1927	8,000,000.00	
Washington, D. C., Treasury Building—		
For removal and replacement of one freight and three passenger elevators, with necessary modifications in elevator entrances, doors, and so forth, and for installation of steam-operated pumping plant to operate five old hydraulic plunger freight elevators	45,000.00	
Remodeling and Enlarging Public Buildings—		
Remodeling, and so forth, public buildings: For remodeling, enlarging, and extending completed and occupied public buildings, including any necessary and incidental additions to or changes in mechanical equipment thereof, so as to provide or make available additional space in emergent cases, not to exceed an aggregate of $25,000 at any one building	300,000.00	$500,000.00
Additional Lock-Box Equipment for Public Buildings—		
For furnishing and installing lock-box equipment for completed and occupied public buildings under the control of the Treasury Department, including necessary and incidental changes in screen work, and so forth (*act Jan. 22, 1925, vol. 43, p. 779*)	100,000.00	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Rent of Temporary Quarters—		
For rent of temporary quarters for the accommodation of Government officials and moving expenses incident thereto	$275,000.00	
Appropriations for construction of buildings, etc., for 1928 not asked for 1929		$324,500.00
Total, public buildings, construction, remodeling, etc	21,720,000.00	824,500.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Repairs and alterations:			
1200 Buildings	$400,000.00	$600,000.00	$487,132.49
1290 Special and miscellaneous repairs and alterations	320,000.00	400,000.00	264,398.44
12 Total repairs and alterations	720,000.00	1,000,000.00	751,530.93
31 Lands and interests in lands (sites)		2,000,000.00	5,573,750.00
32 Structures and parts (buildings)	21,000,000.00	13,000,000.00	4,400,974.16
Total	21,720,000.00	16,000,000.00	10,726,255.09

MARINE HOSPITALS

Boston, Mass., Marine Hospital—

For extension and remodeling of nurses' quarters, improvement of cemetery, exterior painting, resurfacing driveways	10,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Repairs and alterations:			
1200 Buildings		$150,000.00	$204,733.79
1290 Special and miscellaneous repairs and alterations	$10,000.00	50,000.00	27,419.06
12 Total repairs and alterations	10,000.00	200,000.00	232,152.85
31 Lands and interests in lands (sites)		47,000.00	138,462.58
32 Structures and parts (buildings)		700,000.00	197,868.78
Total	10,000.00	947,000.00	568,484.21

Appropriations for marine hospitals for 1928 not asked for 1929		39,000.00
Total, marine hospitals	10,000.00	39,000.00

QUARANTINE STATIONS

Cape Fear (South Port), N. C., Quarantine Station—

For extension of gangway and new dolphin	2,500.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Repairs and alterations:			
1200 Buildings		$100,000.00	$50,528.98
1290 Special and miscellaneous repairs and alterations		50,000.00	28,467.60
12 Total repairs and alterations		150,000.00	78,996.58
31 Lands and interests in lands (sites)			17,820.00
32 Structures and parts (buildings)	$2,500.00	127,000.00	160,603.66
Total	2,500.00	277,000.00	257,420.24

Appropriations for quarantine stations for 1928 not asked for 1929		9,000.00
Total, quarantine stations	2,500.00	9,000.00
The foregoing work under marine hospitals and quarantine stations shall be performed under the supervision and direction of the Supervising Architect of the Treasury.		
Total, public buildings, construction, remodeling, etc., including marine hospitals and quarantine stations	21,732,500.00	872,500.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
PUBLIC BUILDINGS, REPAIRS, EQUIPMENT, AND GENERAL EXPENSES, ETC.		
Repairs and Preservation of Public Buildings—		
Repairs and preservation: For repairs and preservation of all completed and occupied public buildings and the grounds thereof under the control of the Treasury Department, and for wire partitions and fly screens therefor; Government wharves and piers under the control of the Treasury Department, together with the necessary dredging adjacent thereto; care of vacant sites under the control of the Treasury Department, such as necessary fences, filling dangerous holes, cutting grass and weeds, but not for any permanent improvements thereon; repairs and preservation of buildings not reserved by vendors on sites under the control of the Treasury Department acquired for public buildings or the enlargement of public buildings, the expenditures on this account for the current fiscal year not to exceed 15 per centum of the annual rentals of such buildings: *Provided*, That of the sum herein appropriated not exceeding [$115,000] *$160,000* may be used for the repair and preservation of marine hospitals, the national leprosarium, and quarantine stations (including Marcus Hook) and completed and occupied outbuildings (including wire partitions and fly screens for same), and not exceeding $24,500 for the Treasury, Treasury Annex, Liberty Loan, Butler, and Auditors' Buildings, in the District of Columbia [including not to exceed $700 for accoustical treatment of ceiling of room 324, Treasury Building]: *Provided further*, That this sum shall not be available for the payment of personal services except for work done by contract or for temporary job labor under exigency not exceeding at one time the sum of $100 at any one building (*act Jan. 26, 1927, vol. 44, p. 1041*)	$1,190,000.00	$1,010,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	GENERAL			
	Transportation of things (service):			
0700	Freight and incidental charges	$600.00	$400.00	$623.90
0730	Local transportation of things	400.00	200.00	306.56
07	Total transportation of things (service)	1,000.00	600.00	930.46
10	Water for fire protection	4,500.00	3,500.00	3,000.00
	Repairs and alterations:			
1200	Buildings	885,000.00	762,500.00	700,097.20
1210	Excavations, embankments, and surfacings	70,000.00	55,000.00	62,606.53
12	Total repairs and alterations	955,000.00	817,500.00	762,703.73
	Equipment:			
3019	Equipment for convenience and comfort	10,000.00	7,000.00	6,584.12
3054	Fire protection and fire fighting equipment	10,000.00	7,400.00	6,004.74
30	Total equipment	20,000.00	14,400.00	12,588.86
	Structures and parts:			
3212	Wiring and necessary supports, including street lamps	15,000.00	11,000.00	7,627.92
3223	Horticultural and agricultural improvements	10,000.00	6,000.00	5,393.74
32	Total structures and parts	25,000.00	17,000.00	13,021.66
	Total	1,005,500.00	853,000.00	792,244.71
	MARINE HOSPITALS AND QUARANTINE STATIONS			
	Transportation of things:			
0700	Freight and incidental charges	1,500.00	1,000.00	1,266.19
0730	Local transportation of things	1,500.00	1,500.00	887.00
07	Total transportation of things	3,000.00	2,500.00	2,153.19
	Repairs and alterations:			
1200	Buildings	100,000.00	73,000.00	71,832.14
1210	Excavations, embankments, and surfacings	7,000.00	1,500.00	6,000.63
1240	Bridges, viaducts, piers, and wharves	22,000.00	15,000.00	14,730.00
12	Total repairs and alterations	129,000.00	89,500.00	92,562.77
	Equipment:			
3019	Equipment for convenience and comfort	7,000.00	5,000.00	4,584.31
3054	Fire protection and fire-fighting equipment	10,000.00	8,000.00	5,077.07
30	Total equipment	17,000.00	13,000.00	9,661.38
	Structures and parts:			
3212	Excavations, surfacings, and wiring	7,000.00	5,000.00	5,981.34
3223	Horticultural and agricultural improvements	4,000.00	3,000.00	2,500.00
32	Total structures and parts	11,000.00	8,000.00	8,481.34
	Total	160,000.00	113,000.00	112,858.68

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Repairs and Preservation of Public Buildings—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
TREASURY, TREASURY ANNEX, LIBERTY LOAN, BUTLER, AND AUDITORS' BUILDINGS			
12 Repairs and alterations (buildings)	$23,500.00	$23,000.00	$23,691.12
32 Structures and parts (horticultural and agricultural improvements)	1,000.00	1,000.00	533.32
Total	24,500.00	24,000.00	24,224.44
		990,000.00	929,327.83
Unobligated balance			672.17
Reserve		20,000.00	
Total	1,190,000.00	1,010,000.00	930,000.00

Mechanical Equipment for Public Buildings—

Mechanical equipment: For installation and repair of mechanical equipment in all completed and occupied public buildings under the control of the Treasury Department, including heating, hoisting, plumbing, gas piping, ventilating, vacuum cleaning, and refrigerating apparatus, electric-light plants, meters, interior pneumatic-tube and intercommunicating telephone systems, conduit, wiring, call-bell and signal systems, and for maintenance and repair of tower clocks; for installation and repair of mechanical equipment, for any of the foregoing items, in buildings not reserved by vendors on sites under the control of the Treasury Department acquired for public buildings or the enlargements of public buildings, the total expenditures on this account for the current fiscal year not to exceed 10 per centum of the annual rentals of such buildings: *Provided,* That of the sum herein appropriated, not exceeding [$100,000] *$125,000* may be used for the installation and repair of mechanical equipment in marine hospitals, the national leprosarium, and quarantine stations (including Marcus Hook), and not exceeding $38,000 for the Treasury, Treasury Anuex, Liberty Loan, Butler, and Auditors' Buildings, in the District of Columbia, but not including the generating plant and its maintenance in the Auditors' Building, and not exceeding $10,000 for the maintenance, changes in, and repairs of pneumatic-tube system between the appraisers' warehouse [at Greenwich, Christopher, Washington, and Barrow Streets,] and the new customhouse in Bowling Green, Borough of Manhattan, in the city of New York, including repairs to the street pavement and snbsurface necessary, incident to or resulting from such maintenance, changes, or repairs: *Provided further,* That this sum shall not be available for the payment of personal services except for work done by contract, or for temporary job labor under exigency not exceeding at one time the sum of $100 at any one building (*act Jan. 26, 1927, vol. 44, p. 1042*) ..... $585,000.00 | $540,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
GENERAL			
Transportation of things:			
0700 Freight and incidental charges	$500.00	$500.00	$281.38
0730 Local transportation of things	100.00	100.00	68.43
07 Total transportation of things	600.00	600.00	349.81
Repairs and alterations:			
1220 Mines, quarries, etc	1,400.00	1,000.00	1,755.21
1280 Machinery and equipment	328,000.00	308,000.00	358,668.04
12 Total repairs and alterations	329,400.00	309,000.00	360,423.25
13 Special and miscellaneous current expenses (burglar alarm, fire alarm, etc.)	2,000.00	1,400.00	1,843.10
Equipment:			
3051 Miscellaneous heat, light, and power equipment	32,000.00	30,000.00	28,142.56
3053 Elevators and other equipment for lifting	42,000.00	40,000.00	40,248.24
3058 Ventilating and[air-purifying equipment	6,000.00	4,000.00	10,006.20
30 Total equipment	80,000.00	74,000.00	78,397.00
Total	412,000.00	385,000.00	441,013.16

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Mechanical Equipment for Public Buildings—Continued.					
MARINE HOSPITALS AND QUARANTINE STATIONS					
Transportation of things:					
0700 Freight and incidental charges	$400.00	$300.00	$209.01		
0730 Local transportation of things	200.00	100.00	4.49		
07 Total transportation of things	600.00	400.00	213.50		
Repairs and alterations:					
1220 Mines, quarries, etc	2,000.00	2,000.00	825.00		
1280 Machinery and equipment	100,400.00	78,000.00	57,465.94		
12 Total repairs and alterations	102,400.00	80,000.00	58,290.94		
13 Special, miscellaneous, and current expenses (burglar alarm, fire alarm, etc.)	2,000.00	2,000.00	500.00		
Equipment:					
3051 Miscellaneous heat, light, and power equipment	19,000.00	14,900.00	14,664.73		
3058 Ventilating and air-purifying equipment	1,000.00	700.00	200.00		
30 Total equipment	20,000.00	15,600.00	14,864.73		
Total	125,000.00	98,000.00	73,869.17		
TREASURY, TREASURY ANNEX, LIBERTY LOAN, BUTLER, AND AUDITORS' BUILDINGS					
12 Repairs and alterations (machinery and equipment)	32,000.00	31,200.00	29,764.60		
13 Special and miscellaneous current expenses (burglar alarm, fire alarm, etc.)	2,000.00	2,000.00	295.00		
Equipment:					
3051 Miscellaneous heat, light, and power equipment	2,000.00	2,000.00	1,096.07		
3058 Ventilating and air-purifying equipment	2,000.00	2,000.00	2,434.66		
30 Total equipment	4,000.00	4,000.00	3,530.73		
Total	38,000.00	37,200.00	33,590.33		
PNEUMATIC-TUBE SERVICE, NEW YORK, N. Y.					
Repairs and alterations:					
1220 Mines, quarries, etc	5,000.00	5,000.00	3,156.99		
1280 Machinery and equipment	5,000.00	4,800.00			
12 Total repairs and alterations	10,000.00	9,800.00	3,156.99		
		530,000.00	551,629.65		
Unobligated balance			5,070.35		
Reserve		10,000.00			
Total	585,000.00	540,000.00	556,700.00		
Vaults and Safes for Public Buildings—					
Vaults and safes: For vaults and lock-box equipments and repairs thereto in all completed and occupied public buildings under the control of the Treasury Department, and for the necessary safe equipments and repairs thereto in all public buildings under the control of the Treasury Department, whether completed and occupied or in course of construction, exclusive of personal services, except for work done by contract or for temporary job labor under exigency not exceeding at one time the sum of $50 at any one building (*act Jan. 26, 1927, vol. 44, p. 1042*)				$165,000.00	$140,000.00
Transportation of things:					
0700 Freight and incidental charges	$1,000.00	$1,000.00	$557.47		
0730 Local transportation of things	1,000.00	1,000.00	716.95		
07 Total transportation of things	2,000.00	2,000.00	1,274.42		
12 Repairs and alterations (machinery, etc)	50,000.00	48,000.00	21,102.46		
30 Equipment (depositories for commodities—vaults and safes)	113,000.00	85,000.00	68,414.52		
		135,000.00	90,791.40		
Unobligated balance			9,208.60		
Reserve		5,000.00			
Total	165,000.00	140,000.00	100,000.00		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
General Expenses of Public Buildings—		
General expenses: To enable the Secretary of the Treasury to execute and give effect to the provisions of section 6 of the act of May 30, 1908 (Thirty-fifth Statutes, page 537): For salaries of architectural and engineering personnel and inspectors in the District of Columbia and elsewhere, not exceeding [$1,104,800] *$1,149,530*; expenses of superintendence, including expenses of all inspectors and other officers and employees, on duty or detailed in connection with work on public buildings and the furnishing and equipment thereof, and the work of the Supervising Architect's Office, under orders from the Treasury Department; for the transportation of household goods, incident to change of headquarters of district engineers, construction engineers, inspection engineers, and inspectors, not in excess of five thousand pounds at any one time, together with the necessary expense incident to packing and draying the same, not to exceed in any one year a total expenditure of $4,500; office rent and expenses of field force, including temporary, stenographic, and other assistance, in the preparation of reports and the care of public property, and so forth; advertising; office supplies, including drafting materials, specially prepared paper, typewriting machines, adding machines, and other mechanical labor-saving devices, and exchange of same; furniture, carpets, electric-light fixtures, and office equipment; telegraph and telephone service; freight, expressage, and postage incident to shipments of drawings, furniture, and supplies for the field forces, testing instruments, and so forth, including articles and supplies not usually payable from other appropriations: *Provided*, That no expenditures shall be made hereunder for transportation of operating supplies for public buildings; not to exceed $1,000 for books of reference, law books, technical periodicals and journals; ground rent at Salamanca, New York, for which payment may be made in advance; contingencies of every kind and description, traveling expenses of site agents, recording deeds and other evidences of title, photographic instruments, chemicals, plates, and photographic materials, and such other articles and supplies and such minor and incidental expenses not enumerated, connected solely with work on public buildings, the acquisition of sites, and the administrative work connected with the annual appropriations under the Supervising Architect's Office as the Secretary of the Treasury may deem necessary and specially order or approve, but not including heat, light, janitor service, awnings, curtains, or any expenses for the general maintenance of the Treasury Building, or surveys, plaster models, progress photographs, test-pit borings, or mill and shop inspections, [$1,300,000] *$1,345,000*, of which amount not to exceed [$700,000] *$739,020* may be expended for personal services in the District of Columbia (*act Jan. 26, 1927, vol. 44, p. 1043*)	$1,345,000.00	$1,300,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional service—	*Average*—		*Average*—		*Average*—	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 4, $3,800 to $5,000; average, $4,400—						
Engineer	27	$4,222	21	$4,100	18	$3,937
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate engineer	109	3,263	100	3,186	72	3,065
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant engineer	76	2,636	70	2,559	46	2,468
Grade 1, $1,860 to $2,400; average, $2,111.42—						
Junior engineer	9	2,011	7	1,967	4	1,931
Subprofessional service—						
Grade 8, $2,400 to $3,000; average, $2,700—						
Chief engineering draftsman	10	2,560	8	2,510	5	2,400
Grade 7, $2,100 to $2,700; average, $2,400—						
Principal engineering draftsman	1	2,400	1	2,300	0.4	2,200
Grade 6, $1,860 to $2,400; average, $2,111.42—						
Senior engineering draftsman	3	2,100	3	2,067	1.5	2,066
Grade 5, $1,680 to $2,040; average, $1,860—						
Engineering draftsman	6	1,860	6	1,820	7	1,780
Grade 4, $1,500 to $1,860; average, $1,680—						
Assistant engineering draftsman	1	1,500	0.5	1,500	1	1,680
Grade 3, $1,320 to $1,680; average, $1,500—						
Junior engineering draftsman	2	1,412	1.5	1,380	1	1,320
Grade 2, $1,140 to $1,500; average, $1,320—						
Apprentice engineering draftsman	1	1,140	0.5	1,140		
Total average number of employees	245		218.5		155.9	
Total salaries, departmental service		739,020		640,490		444,236

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

General Expenses of Public Buildings—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
The difference between the 1929 estimate and the 1928 appropriation limitation is due to—			
Transfer of 6 technical employees (division superintendent and assistant superintendents) from salary roll $25,300			
Increase in salaries 13,720			
Total increase 39,020			
Estimated amount on account of lapses due to positions unfilled		$59,510	
		700,000	
Less deduction on account of reserve		14,000	
Total	$739,020	686,000	$444,236
Field service:			
Salaries and wages—	*Average—*	*Average—*	*Average—*
	No. *Salary*	*No.* *Salary*	*No.* *Salary*
Salary range, $3,800 to $5,000; average, $4,400—			
District engineer	6 5,000	6 5,000	6 4,800
Construction engineer	25 4,208	25 4,068	20.5 3,990
Inspection engineer	10 4,260	10 4,160	10.7 3,963
Salary range, $3,300 to $3,900; average, $3,600—			
Construction engineer	11 3,573	11 3,564	12.2 3,371
Inspector	9 3,478	9 3,389	6 3,300
Site agent	1 3,600	1 3,500	0.8 3,500
Salary range, $3,000 to $3,600; average, $3,300—			
Construction engineer	45 3,089	33 3,067	19 3,011
Inspector	2 3,200	2 3,100	2.5 2,937
Site agent	1 3,000	1 3,000	3,000
Salary range, $1,860 to $2,400; average, $2,100—			
Site agent	1 2,100	1 2,000	0.8 2,000
	402,510	358,916	282,878
Part salary, 1 engineer, payable from "Operating force for public buildings"	2,000	2,000	2,000
Net average number of employees	111	99	78.5
Net salaries and wages, field service	400,510	356,916	280,878
Miscellaneous personal services (part time)	10,000	10,000	1,222
Total salaries and wages, field service	410,510	366,916	282,100
The difference between the 1929 estimate and 1928 appropriation limitation is due to increase in salaries, $5,710.			
Estimated amount on account of lapses due to positions unfilled		37,884	
		404,800	
Less deductions on account of reserve		8,096	
		396,704	
01 Total personal services	1,149,530.00	1,082,704.00	726,336.00
02 Supplies and materials	16,000.00	16,000.00	15,874.00
05 Communication service	6,000.00	6,000.00	3,738.00
06 Travel expenses	138,000.00	137,900.00	78,157.90
07 Transportation of things	5,170.00	5,000.00	2,733.80
08 Blue printing, etc	250.00	250.00	145.89
09 Advertising	10,000.00	10,000.00	4,717.80
11 Rents	5,000.00	5,000.00	1,347.20
13 Special expenses	50.00	50.00	4.75
30 Equipment	15,000.00	15,000.00	14,058.22
	195,470.00	195,200.00	120,777.56
Less deduction on account of reserve		2,904.00	
Total (miscellaneous)	195,470.00	192,296.00	120,777.56
		1,275,000.00	847,113.56
Unobligated balance			455,787.44
			1,302,901.00
Reserve		25,000.00	
Less reimbursements from other departments			17,411.00
Total	1,345,000.00	1,300,000.00	1,285,490.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Outside Professional Services, Public Buildings—		
To enable the Secretary of the Treasury to obtain architectural services, as provided in the public buildings act approved May 25, 1926, namely, "to procure by contract the floor plans and designs of buildings developed sufficiently to serve as guides for the preparation of working drawings and specifications, or to employ advisory assistance involving design or engineering features, and to employ, to the extent deemed necessary by him in connection with the construction of buildings for the Department of Commerce and Labor, the architects who were successful in competition heretofore held for a building for the then Department of Commerce and Labor, and to pay reasonable compensation for such services," *and to employ by contract or otherwise, appraisers, when necessary: Provided, That in all cases where contracts have heretofore been entered into or may hereafter be entered into under the provisions of section 2 of the public buildings act, approved May 25, 1926, for outside professional services, wherein the period of performance extends beyond the fiscal year in which such contract or contracts were entered into, payments thereunder shall be made from the appropriation "Outside professional services, public buildings," available at the time payment for the particular service rendered is due (act Jan. 26, 1927, vol. 44, p. 1043)*	$400,000.00	$100,000.00
0150 Outside professional services under contract: Expenditures—1929, $400,000; 1928, $100,000; 1927, $150,000.		
Total, repairs, equipment, and general expenses, etc	3,685,000.00	3,090,000.00
PUBLIC BUILDINGS, OPERATING EXPENSES		
Operating Force for Public Buildings—		
Operating force: For such personal services as the Secretary of the Treasury may deem necessary in connection with the care, maintenance, and repair of all public buildings under the control of the Treasury Department (except as hereinafter provided), together with the grounds thereof and the equipment and furnishings therein, including assistant custodians, janitors, watchmen, laborers, and charwomen; engineers, firemen, elevator conductors, coal passers, electricians, dynamo tenders, lampists, and wiremen; mechanical labor force in connection with said buildings, including carpenters, plumbers, steam fitters, machinists, and painters, but in no case shall the rates of compensation for such mechanical labor force be in excess of the rates current at the time and in the place where such services are employed, [$6,650,000] *$7,050,000*: *Provided*, That the foregoing appropriation shall be available for use in connection with all public buildings under the control of the Treasury Department, including the customhouse in the District of Columbia, but not including any other public building within the District of Columbia, and exclusive of marine hospitals, quarantine stations, mints, branch mints, and assay offices (*act Jan. 26, 1927, vol. 44, p. 1044*)	7,050,000.00	6,650,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average*—		*Average*—		*Average*—	
Salary range, $3,800 to $5,000; average, $4,400—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Supervising chief engineer	1	$4,400	1	$4,200	1	$4,200
Supervising chief engineer and superintendent of repairs	1	4,400	1	3,800	1	3,800
Salary range, $3,300 to $3,900; average, $3,600—						
Assistant supervising chief engineer	1	3,300	1	3,000	1	3,000
Salary range, $2,700 to $3,300; average, $3,000—						
Assistant superintendent of repairs	2	2,800	2	2,700	1	2,500
Salary range, $2,400 to $3,000; average, $2,700—						
Assistant custodian	22	2,576	21	2,500	20	2,480
Supervising engineer	2	2,500	2	2,400	1	2,400
Engineman	29	2,572	29	2,476	29	2,459
Salary range, $2,100 to $2,700; average, $2,400—						
Draftsman	2	2,400	2	2,200	2	2,200
Assistant custodian	13	2,400	13	2,239	13	2,177
Engineman	3	2,400	3	2,300	3	2,300
Salary range, $1,860 to $2,400; average, $2,100—						
Assistant superintendent of repairs	1	2,000	1	2,000	1	2,000
Assistant custodian	28	2,009	24	1,901	23	1,877
Stenographer-typist	1	1,980	1	1,920	1	1,920
Engineman	106	2,062	105.1	1,987	100	1,984
Salary range, $1,680 to $2,040; average, $1,860—						
Electrical mechanic	1	1,980	1	1,900	1	1,900
Fireman	8	1,920	8	1,920	8	1,920
Oiler	2	1,920	2	1,920	2	1,920
Foreman of carpenters	1	2,040	1	2,040	1	1,980
Foreman of plumbers	1	2,040	1	2,040	1	1,980
Machinist	2	1,860	2	1,800	2	1,800
Engineman	79	1,648	74	1,588	73	1,581
Carpenter	21	1,877	21	1,817	20	1,800
Plumber	7	1,868	7	1,817	7	1,817

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Operating Force for Public Buildings—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service—Continued.						
Salaries and wages—Continued.	*Average—*		*Average—*		*Average—*	
Salary range, $1,680 to $2,040; average, $1,860—Con.	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Cabinetmaker	1	$1,860	1	$1,800	1	$1,800
Carpenter and locksmith	1	1,860	1	1,800	1	1,800
Steam fitter	2	1,860	2	1,800	2	1,800
Painter	3	1,740	3	1,680	3	1,680
Electrician	32	1,845	32	1,800	30	1,788
Clerk	24	1,708	24	1,650	24	1,645
Salary range, $1,500 to $1,800; average, $1,680—						
Janitor	103	1,629	103	1,574	103	1,568
Wireman	5	1,584	4	1,524	3	1,540
Fireman	34	1,568	35	1,510	35	1,510
Salary range, $1,320 to $1,680; average, $1,500—						
Clerk	3	1,360	2	1,320	2	1,320
Carpenter helper	2	1,380	2	1,320	2	1,320
Plumber helper	2	1,380	2	1,320	1	1,320
Steamfitter helper	2	1,380	2	1,320	2	1,320
Electrician helper					1	1,500
Mechanic helper	5	1,380	5	1,332	5	1,332
Lampist	5	1,380	4	1,320	1	1,320
Assistant janitor	5	1,440	6	1,380	6	1,380
Skilled laborer	9	1,379	9	1,327	9	1,327
Foreman of laborers	24	1,391	24	1,335	23	1,328
Marble polisher	10	1,380	10	1,335	8	1,319
Head elevator conductor	3	1,380	3	1,340	3	1,340
Fireman	71	1,337	71	1,291	70	1,291
Oiler	20	1,392	20	1,341	19	1,341
Gardener	1	1,380	1	1,320	1	1,320
Salary range, $1,140 to $1,500; average, $1,320—						
Janitor-laborer	14	1,193	14	1,161	14	1,140
Elevator conductor	298	1,271	291	1,241	290	1,240
Watchman	259	1,282	250	1,253	246	1,252
Fireman	1,331	1,241	1,290	1,211	1,255	1,204
Coal passer	16	1,250	16	1,197	16	1,197
Salary range, $1,020 to $1,260; average, $1,140—						
Laborer	2,313	1,138	2,204	1,112	2,170	1,106
Salary range, $600 to $780; average, $690—						
Head charwoman	8	750	10	774	10	741
Charman	27	636	27	610	27	601
Charwoman	1,149	649	1,132	634	1,114.5	633
Miscellaneous—						
Agent in charge of site	1	300	1	300	0.7	300
Clerk (part time)	1	360	1	360	1	360
Laborer (part time)	1	500	1	500	1	500
Laborer (part time)	1	220	1	220	1	216
Total average number of employees	6,120		5,927.1		5,813.2	
Total salaries and wages, field service		7,050,000		6,650,000		6,484,403
Unobligated balance						15,597
		7,050,000		6,650,000		6,500,000
The difference between 1929 and 1928 is due to—						
Increase in force	$235,904					
Increase in salaries within ranges	164,096					
Total increase	400,000					

Furniture and Repairs of Same for Public Buildings—

Furniture and repairs of furniture: For furniture, carpets, and repairs of same, for completed and occupied public buildings under the control of the Treasury Department, exclusive of marine hospitals, quarantine stations, mints, branch mints, and assay offices, and for gas and electric lighting fixtures and repairs of same for completed and occupied public buildings under the control of the Treasury Department, including marine hospitals and quarantine stations, but exclusive of mints, branch mints, and assay offices, and for furniture and carpets for public buildings and extensions of public buildings in course of construction which are to remain under the custody and control of the Treasury Department, exclusive of marine hospitals, quarantine stations, mints, branch mints, and assay offices, and buildings constructed for other executive departments or establishments of the Government, [$800,000] *$990,000*: *Provided*, That the foregoing appropriation shall not be used for personal services except for work done under contract or for temporary job labor under exigency, and not exceeding at one time the sum of $100 at any one building: *Provided further*, That all furniture now owned by the United States in other public buildings or in buildings rented by the United States shall be used, so far as practicable, whether it corresponds with the present regulation plan for furniture or not (*act Jan. 26, 1927, vol. 44, p. 1044*) ..... $990,000.00 | $800,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Furniture and Repairs of Same for Public Buildings—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Transportation of things:			
0700	Freight and incidental charges	$50,000.00	$45,000.00	$40,057.80
0730	Local transportation of things	5,000.00	5,000.00	5,603.89
07	Total transportation of things	55,000.00	50,000.00	45,661.69
12	Repairs and alterations (machinery and equipment)	35,000.00	35,000.00	36,114.72
	Equipment:			
3011	Chairs, beds, and body receptacles—			
	Old buildings	55,000.00	55,000.00	30,924.08
	New buildings	24,000.00	7,000.00	3,000.00
3012	Tables, desks, etc.—			
	Old buildings	345,000.00	345,000.00	371,369.16
	New buildings	310,000.00	130,000.00	32,000.00
3013	Floor coverings	55,000.00	65,000.00	67,483.25
3014	Draperies, shades, etc	20,000.00	22,000.00	18,520.46
3017	Office machines and clocks	6,000.00	6,000.00	2,716.61
3019	Equipment for convenience and comfort (awnings, mirrors, etc.)	25,000.00	20,000.00	26,275.87
3051	Lighting fixtures	60,000.00	60,000.00	73,779.50
30	Total equipment	900,000.00	710,000.00	626,068.93
			795,000.00	707,845.34
	Unobligated balance			67,154.66
	Reserve		5,000.00	
	Total	990,000.00	800,000.00	775,000.00

Operating Supplies for Public Buildings—

Operating supplies: For fuel, steam, gas for lighting and heating purposes, water, ice, lighting supplies, electric current for lighting, *heating*, and power purposes, telephone service for custodial forces, removal of ashes and rubbish, snow, and ice; cutting grass and weeds, washing towels, and miscellaneous items for the use of the custodial forces in the care and maintenance of completed and occupied public buildings and the grounds thereof under the control of the Treasury Department, and in the care and maintenance of the equipment and furnishings in such buildings; miscellaneous supplies, tools, and appliances required in the operation (not embracing repairs) of the mechanical equipment, including heating, plumbing, hoisting, gas piping, ventilating, vacuum-cleaning and refrigerating apparatus, electric-light plants, meters, interior pneumatic-tube and intercommunicating telephone systems, conduit wiring, call-bell and signal systems in such buildings, and for the transportation of articles or supplies authorized herein (including the customhouse in the District of Columbia, but excluding any other public building under the control of the Treasury Department within the District of Columbia, and excluding also marine hospitals and quarantine stations, mints, branch mints, and assay offices, and personal services, except for work done by contract or for temporary job labor under exigency not exceeding at one time the sum of $100 at any one building), [$3,050,000] *$3,090,000.* The appropriation made herein for gas shall include the rental and use of gas governors when ordered by the Secretary of the Treasury in writing: *Provided*, That rentals shall not be paid for such gas governors greater than 35 per centum of the actual value of the gas saved thereby, which saving shall be determined by such tests as the Secretary of the Treasury shall direct: *Provided further*, That the Secretary of the Treasury is authorized to contract for the purchase of fuel for public buildings under the control of the Treasury Department in advance of the availability of the appropriation for the payment thereof. Such contracts, however, shall not exceed the necessities of the current fiscal year (*act Jan. 26, 1927, vol. 44, p. 1044*) $3,090,000.00 $3,050,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Operating Supplies for Public Buildings—Continued.					
Supplies and materials:					
0205 Cleaning and toilet supplies	$105,000.00	$105,000.00	$100,480.12		
0230 Fuel, including steam for heating	815,000.00	814,000.00	746,828.24		
0282 Mechanics', engineers', and electricians' supplies	110,000.00	100,000.00	93,472.50		
0284 Miscellaneous supplies	104,000.00	100,000.00	94,989.01		
02 Total supplies and materials	1,134,000.00	1,119,000.00	1,035,769.87		
05 Communication service (telephone service)	8,000.00	8,000.00	7,411.44		
Transportation of things:					
0700 Freight and incidental charges	255,000.00	250,000.00	245,021.81		
0730 Local transportation of things (drayage)	101,000.00	100,000.00	96,229.10		
07 Total transportation of things	356,000.00	350,000.00	341,250.91		
Furnishing of heat, light, water, etc.:					
1030 Furnishing of electricity	1,164,200.00	1,150,200.00	1,100,191.95		
1040 Furnishing of water	210,000.00	205,000.00	200,000.00		
10 Total furnishing of heat, light, water, etc	1,374,200.00	1,355,200.00	1,300,191.95		
Special and miscellaneous current expenses:					
1373 Laundry and towel service	75,000.00	70,000.00	67,414.25		
1375 Rubbish, garbage, ashes, and snow-removal service	58,000.00	58,000.00	55,491.19		
13 Total special and miscellaneous current expenses	133,000.00	128,000.00	122,905.44		
Equipment:					
3057 Other equipment, including cleaning, etc	75,000.00	75,000.00	74,130.70		
3059 Special and miscellaneous equipment	10,000.00	10,000.00	9,302.62		
30 Total equipment	85,000.00	85,000.00	83,433.32		
		3,045,200.00	2,890,962.93		
Unobligated balance			120,729.02		
Reserve		5,000.00			
	3,090,200.00	3,050,200.00	3,011,691.95		
Deduct amounts received from other bureaus	500.00	500.00	486.00		
Add amounts transferred to "Contingent expenses, assay office at Helena, Mont."	300.00	300.00	294.05		
Net receipts	200.00	200.00	191.95		
Total	3,090,000.00	3,050,000.00	3,011,500.00		
Lands and Other Property of the United States—					
Lands and other property of the United States: For custody, care, protection, and expenses of sales of lands and other property of the United States, acquired and held under sections 3749 and 3750 of the Revised Statutes, the examination of titles, recording of deeds, advertising, and auctioneers' fees in connection therewith (*act Jan. 26, 1927, vol. 44, p. 1045*)				$550.00	$50.00
13 Special and miscellaneous current expenses: Expenditures—1929, $550; 1928, $50; 1927, $1,781.63.					
Total, public buildings, operating expenses				11,130,550.00	10,500,050.00
Total under Office of Supervising Architect				36,885,170.00	14,822,550.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
AMERICAN PRINTING HOUSE FOR THE BLIND		
To Promote the Education of the Blind—		
To enable the American Printing House for the Blind more adequately to provide books and apparatus for the education of the blind in accordance with the provisions of the act approved August 4, 1919 (*U. S. C., p. 615, sec. 101; acts Jan. 26, 1927, vol. 44, p. 1045; Feb. 8, 1927, vol. 44, p. 1060*)	$65,000.00	$40,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Salaries:	Average— No.	Salary	Average— No.	Salary	Average— No.	Salary
Secretary and superintendent	1	$6,500	1	$5,000	1	$5,000
Assistant superintendent and bookkeeper	1	2,500	1	1,200	1	1,200
Clerk	1	1,200	4	900	4	900
Clerk	1	1,020				
Clerk	1	1,800				
Foreman	1	2,460	1	2,460	1	2,460
Pressman	1	2,160	2	2,100	2	2,100
Pressman	2	1,560	1	1,000	1	1,000
Carpenter (map maker)	2	1,680	2	1,800-1,300	2	1,300
Bindery help	6	720	13	480	13	480
Bindery help	1	900	2	960	2	960
Bindery help	1	1,140				
Miscellaneous help	3	720	10	840	10	840
Miscellaneous help	1	780	2	1,440	2	1,440
Miscellaneous help	3	900				
Miscellaneous help	1	960				
Miscellaneous help	5	1,020				
Miscellaneous help	1	1,080				
Miscellaneous help	5	1,200				
Miscellaneous help	1	1,320				
Miscellaneous help	1	2,100				
Total number of employees	40		39		39	
01 Total salaries		52,680		40,000		40,000
02 Paper binding material, brass, stationery, and office supplies, etc		12,320				
Total		65,000		40,000		40,000

Permanent specific appropriation:

To Promote the Education of the Blind (Interest)—		
Amount equivalent to the interest at 4 per centum per annum on trust fund of $250,000, set apart to promote the education of the blind, and to be paid to the American Printing House for the Blind (*U. S. C., p. 615, sec. 101*)	10,000.00	10,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
0200 Stationery and office supplies	$6,000	$10,000	$10,000
0600 Printing and binding	4,000		
Total	10,000	10,000	10,000

Total, American Printing House for the Blind	75,000.00	50,000.00
Treasury Department proper:		
Annual appropriations	292,597,825.00	137,581,093.00
Permanent and indefinite appropriations	23,735,737.00	31,145,040.00
	316,333,562.00	168,726,133.00
Public debt:		
Interest on the public debt	670,000,000.00	720,000,000.00
Public debt retirements chargeable against ordinary receipts	541,623,393.53	537,120,735.00
Total under Treasury Department	1,527,956,955.53	1,425,846,868.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
SEC. 2. Those civilian positions in the field services under the several executive departments and independent establishments, the compensation of which was fixed or limited by law but adjusted for the fiscal year 1925 under the authority and appropriations contained in the act entitled "An act making additional appropriations for the fiscal year ending June 30, 1925, to enable the heads of the several executive departments and independent establishments to adjust the rates of compensation of civilian employees in certain of the field services," approved December 6, 1924, may be paid under the applicable appropriations for the fiscal year [1928] *1929* at rates not in excess of those permitted for them under the provisions of such act of December 6, 1924.		
SEC. 3. The head of an executive department or independent establishment, where, in his judgment, conditions of employment require it, may continue to furnish civilians employed in the field service with quarters, heat, light, household equipment, subsistence, and laundry service; and appropriations for the fiscal year [1928] *1929* of the character heretofore used for such purposes are hereby made available therefor: *Provided*, That the reasonable value of such allowances shall be determined and considered as part of the compensation in fixing the salary rate of such civilians.		
SEC. 4. That expenditures from appropriations made herein for the maintenance, upkeep, and repair, exclusive of garage rent, pay of operator, fuel and lubricants, on any one passenger-carrying vehicle used by the Treasury Department shall not exceed one-third of the market price of a new vehicle of the same make or class and in any case more than $500.		

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

CHAPTER XII.—WAR DEPARTMENT

Office of the Secretary

DEPARTMENTAL

Salaries, Office of Secretary of War—

Salaries: Secretary of War, $15,000; Assistant Secretary, $10,000; Assistant Secretary, $7,500; and other personal services in the District of Columbia in accordance with the classification act of 1923, [$193,849] *$193,096*; in all, [$226,349] *$225,596*: *Provided*, That in expending appropriations or portions of appropriations, contained in this act, for the payment for personal services in the District of Columbia in accordance with the classification act of 1923, the average of the salaries of the total number of persons under any grade in any bureau, office, or other appropriation unit shall not at any time exceed the average of the compensation rates specified for the grade by such act, and in grades in which only one position is allocated the salary of such position shall not exceed the average of the compensation rates for the grade, except that in unusually meritorious cases of one position in a grade advances may be made to rates higher than the average of the compensation rates of the grade but not more often than once in any fiscal year and then only to the next higher rate: *Provided*, That this restriction shall not apply (1) to grades 1, 2, 3, and 4 of the clerical-mechanical service, or (2) to require the reduction in salary of any person whose compensation was fixed as of July 1, 1924, in accordance with the rules of section 6 of such act, (3) to require the reduction in salary of any person who is transferred from one position to another position in the same or different grade in the same or a different bureau, office, or other appropriation unit, or (4) to prevent the payment of a salary under any grade at a rate higher than the maximum rate of the grade when such higher rate is permitted by the classification act of 1923, and is specifically authorized by other law (*U. S. C., p. 28, sec. 3; p. 38, sec. 182; p. 1881, sec. 182a; act Feb. 23, 1927, vol. 44, p. 1106*) ..... $225,596.00 | $226,349.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Clerical, administrative, and fiscal service—	*Average—*		*Average—*		*Average—*	
Grade 14, $7,500 and over—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Secretary	1	$15,000	1	$15,000	1	$15,000
Special executive officer (assistant secretary)	1	10,000	1	10,000	1	10,000
Special executive officer (assistant secretary)	1	7,500	1	7,500	0.9	7,500
Grade 12, $5,200 to $6,000; average, $5,600—						
Senior administrative officer (assistant and chief clerk)	1	5,200	1	5,200	1	5,200
Grade 11, $3,800 to $5,000; average, $4,400—						
Administrative officer (private secretary)	1	4,000	1	4,000	0.3	4,000
Grade 10, $3,300 to $3,900; average, $3,600—						
Junior administrative officer (private secretary)					0.7	3,800
Junior administrative officer (chief of division)	2	3,500	2	3,500	2	3,500
Grade 9, $3,000 to $3,600; average, $3,300—						
Senior administrative assistant (chief of division)	1	3,300	1	3,300	1	3,300
Senior administrative assistant (disbursing clerk)	1	3,100	1	3,100	1	3,100
Grade 8, $2,700 to $3,300; average, $3,000—						
Administrative assistant	2	2,900	2	2,900	2	2,867
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant	5	2,540	5	2,540	4.7	2,496
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	3	2,433	3	2,433	2.3	2,424
Principal clerk-stenographer					0.3	2,300
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	7	2,074	7	2,074	7	2,113
Senior clerk-stenographer	1	2,300	1	2,300	1	2,300
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	8	1,852	8	1,852	5.4	1,932
Clerk-stenographer	3	1,880	3	1,880	5.8	1,814
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	12	1,665	12	1,665	12.7	1,651
Assistant clerk-stenographer	4	1,710	4	1,710	3	1,726
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	5	1,548	5	1,548	5.6	1,538
Junior clerk-stenographer	3	1,480	3	1,480	3.2	1,453
Junior clerk-typist	1	1,680	1	1,680	1	1,680
Junior operator office devices	3	1,400	3	1,400	2.8	1,371
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	7	1,329	8	1,305	7.8	1,354
Underoperator, office devices	10	1,320	10	1,320	10.2	1,316

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries, Office of Secretary of War—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service—Continued.						
Salaries—Continued.						
Subprofessional service—	Average—		Average—		Average—	
Grade 4, $1,500 to $1,860; average, $1,680—	No.	Salary	No.	Salary	No.	Salary
Assistant social service worker	1	$1,860	1	$1,860	1	$1,860
Custodial service—						
Grade 7, $1,680 to $2,040; average, $1,860—						
Senior mechanic	1	1,860	1	1,860	1	1,860
Grade 6, $1,500 to $1,860; average, $1,680—						
Mechanic	2	1,710	1	1,560	0.8	1,560
Grade 5, $1,320 to $1,680; average, $1,500—						
Junior mechanic	1	1,500	1	1,500	1	1,440
Grade 4, $1,140 to $1,500; average, $1,320—						
Head messenger	1	1,440	1	1,440	1	1,440
Undermechanic	2	1,290	1	1,320	1	1,320
Senior guard	1	1,200	1	1,200	1	1,200
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger	12	1,185	12	1,185	11.8	1,177
Guard	3	1,080	3	1,080	3	1,080
Senior laborer	1	1,080	1	1,080	1	1,080
Minor mechanic	4	1,065	4	1,065	3.3	1,083
Grade 2, $900 to $1,140; average, $1,020—						
Junior laborer	3	1,000	5	972	3	1,000
	1	(1)	1	(1)	1	(1)
Total average number of employees	116		117		113.6	
Total salaries, departmental service		225,596		225,476		220,569
Unobligated balance						238
Reserve				$873		
01 Total		225,596		226,349		220,807
The difference between 1929 and 1928 is due to decrease in force, $753.						

[1] 40 cents per hour.

Contingent Expenses, War Department—

For purchase of professional and scientific books, law books, including their exchange; books of reference, pamphlets, periodicals, newspapers, maps; typewriting and adding machines, and other labor-saving devices, including their repair and exchange; furniture and repairs to same; carpets, matting, linoleum, filing equipment, photo supplies, towels, ice, brooms, soap, sponges, fuel, gas, and heating apparatus for buildings, electric power, electric light; repairs to, alterations and installations in, Government-owned buildings (other than those under the supervision of the Director of Public Buildings and Public Parks of the National Capital) occupied by the War Department and its bureaus; maintenance, repair, and operation of motor trucks and motor cycles, and one motor-propelled passenger-carrying vehicle, to be used only for official purposes; freight and express charges; street-car fares, not exceeding $750; and other absolutely necessary expenses, including traveling expenses (*acts June 3, 1926, vol. 44, p. 688; Feb. 23, 1927, vol. 44, p. 1106*) $88,470.00 $88,340.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Supplies and materials:			
0200	Office supplies	$8,500.00	$7,500.00	$6,346.94
0220	Scientific and educational supplies	950.00	950.00	887.41
0230	Fuel	4,500.00	4,500.00	3,992.76
0280	Sundry supplies	4,000.00	4,000.00	3,190.09
0290	Materials	800.00	800.00	1,006.59
02	Total supplies and materials	18,750.00	17,750.00	15,423.79
04	Storage and care of vehicles	130.00	240.00	155.58
	Communication service:			
0500	Telegraph service	50.00	50.00	38.97
0510	Telephone service	24,950.0	24,950.00	22,672.60
0520	Other communication service	100.00	100.00	69.80
05	Total communication service	25,100.00	25,100.00	22,781.37
06	Travel expenses	1,000.00	1,000.00	699.96
07	Transportation of things (service)	150.00	150.00	150.00
10	Furnishing of heat, light, and power	2,750.00	3,250.00	2,613.50
11	Rents	14,990.00	14,860.00	15,520.66

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Contingent Expenses, War Department—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Repairs and alterations:			
1200	Buildings	$4,000.00	$3,000.00	$2,465.85
1290	Special and miscellaneous repairs	2,500.00	2,500.00	4,813.39
12	Total repairs and alterations	6,500.00	5,500.00	7,279.24
	Special and miscellaneous current expenses:			
1370	Special and miscellaneous services	1,500.00	1,500.00	1,886.48
1373	Laundering towels	650.00	750.00	522.86
13	Total special and miscellaneous current expenses	2,150.00	2,25 .00	2,409.34
	Equipment:			
3010	Furniture, furnishings, and fixtures	14,700.00	14,990.00	20,127.23
3020	Educational and scientific equipment	2,000.00	2,000.00	2,284.51
3050	Other equipment	250.00	250.00	34.92
30	Total equipment	16,950.00	17,240.00	22,446.66
			87,340.00	89,480.10
	Unobligated balance			4,019.90
	Reserve		1,000.00	
	Total	88,470.00	88,340.00	93,500.00

Stationery, War Department—
For stationery for the department and its bureaus and offices (*act Feb. 23, 1927, vol. 44, p. 1107*) $60,000.00 $62,500.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Supplies and materials:			
0201	Envelopes	$5,000.00	$5,500.00	$3,619.71
0201	Paper—writing, carbon, typewriting	20,500.00	20,500.00	20,450.53
0201	Tablets	500.00	500.00	804.77
0201	Cards, folders, cardboard	7,600.00	7,600.00	6,768.23
0201	Ink, pens, pencils	2,400.00	2,400.00	1,861.80
0202	Miscellaneous supplies, labels, clips, fasteners, calendar pads and stands, mucilage, paste, tape, twine, etc	5,000.00	6,000.00	4,698.11
0202	Rubber stamps, bands, type, and pads	2,000.00	2,000.00	1,434.74
0203	Drafting supplies	1,000.00	1,000.00	1,076.82
02	Total supplies and materials	44,000.00	45,500.00	40,714.71
	Equipment:			
3017	Binding devices	2,000.00	2,000.00	1,209.73
3017	Machines—paper-fastening, perforating and supplies for adding, sharpening, typewriting, accounting, duplicating, and addressing machines	14,000.00	14,000.00	12,521.72
30	Total equipment	16,000.00	16,000.00	13,731.45
			61,500.00	54,446.16
	Unobligated balance			12,553.84
	Reserve		1,000.00	
	Total	60,000.00	62,500.00	67,000.00

Postage to Postal Union Countries, War Department—
For postage stamps for the department and its bureaus, as required under the Postal Union, to prepay postage on matters addressed to Postal Union countries (*act Feb. 23, 1927, vol. 44, p. 1107*) 240.00 250.00

05 Communication service (postage stamps): Expenditures—1929, $240; 1928, $250; 1927, $240.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Printing and Binding, War Department—		
For printing and binding for the War Department, its bureaus and offices, and for all printing and binding for the field activities under the War Department, except such as may be authorized in accordance with existing law to be done elsewhere than at the Government Printing Office, $500,000: *Provided*, That the sum of $3,000, or so much thereof as may be necessary, may be used for the publication, from time to time, of bulletins prepared under the direction of the Surgeon General of the Army, for the instruction of medical officers, when approved by the Secretary of War, and not exceeding $64,000 shall be available for printing and binding under the direction of the Chief of Engineers (*U. S. C., p. 1013, secs. 588, 589; act Feb. 23, 1927, vol. 44, p. 1107*)	$500,000.00	$500,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
08 Printing and binding	$500,000.00	$483,000.00	$565,488.95
Unobligated balance			24,511.05
Reserve		17,000.00	
Total	500,000.00	500,000.00	590,000.00

Statement showing the distribution to the various branches of the War Department of the total amount of the estimate for the fiscal year 1929 and the amounts available for printing and binding for the fiscal years 1928 and 1927

	Estimated 1929	Amounts available for 1928	Amounts available for 1927
Secretary of War	$42,390.33	$38,962.63	$38,602.61
General Staff Corps	468.00	500.00	474.46
Army War College	592.00	750.00	757.39
Adjutant General's Department	209,138.89	188,373.30	180,329.34
Inspector General's Department	700.00	770.48	357.20
Judge Advocate General's Department	1,447.66	1,819.21	5,390.02
Finance Department	4,538.38	4,638.92	3,729.52
Quartermaster Corps	46,923.15	57,598.48	64,191.41
Signal Corps	11,409.86	12,816.88	18,659.58
Air Corps	21,302.60	17,724.65	18,813.35
Medical Department	34,212.91	35,085.92	77,217.21
Bureau of Insular Affairs	900.00	874.73	681.94
Corps of Engineers	64,000.00	64,000.00	67,877.56
Ordnance Department	12,781.56	13,838.94	18,992.03
Chief, Chemical Warfare Service	3,797.42	4,225.71	2,650.74
Chief of Infantry	37.00	50.00	52.02
Chief of Chaplains	275.00		4.39
Chief of Field Artillery	121.00	128.00	182.75
Coast Artillery Corps	2,359.04	1,552.97	2,660.87
Militia Bureau	42,605.20	39,289.18	63,864.56
Reserve		17,000.00	
Total	500,000.00	500,000.00	565,488.95

The following amounts for printing and binding are included in the estimates for the fiscal year 1929, under the appropriation titles indicated

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Contingencies, headquarters of military departments, etc.	$200.00	$200.00	$196.03
Army War College	25.00	25.00	30.75
Regular supplies of the Army	51,000.00	43,000.00	42,892.00
Air Corps, Army	1,750.00	1,360.00	1,541.00
Engineer School	250.00	250.00	190.00
Maintenance, United States Military Academy	507.00	115.00	692.95
Citizens' military training camps	15,565.00	17,000.00	23,473.64
Construction and maintenance of roads, bridges, and trails, Alaska	674.00	674.00	596.67
Maintenance and improvement of existing river and harbor works	2,317.00	2,300.00	2,638.85
Examinations, surveys, and contingencies of rivers and harbors		15,676.00	6,638.89
Wagon roads, bridges, and trails, Alaska fund	638.00	638.00	638.20
Funds contributed for roads, bridges, and trails, Alaska	30.00	30.00	30.25
Total for War Department, excluding National Home for Disabled Volunteer Soldiers and Panama Canal	72,956.00	81,268.00	79,559.23

Total departmental under Secretary of War	874,306.00	877,439.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
SUPPORT OF THE REGULAR ARMY		
Contingencies of the Army—		
For all contingent expenses of the Army not otherwise provided for and embracing all branches of the military service, including the office of the Chief of Staff; for all emergencies and extraordinary expenses, including the employment of translators and exclusive of all other personal services in the War Department or any of its subordinate bureaus or offices in the District of Columbia, or in the Army at large, but impossible to be anticipated or classified; to be expended on the approval or authority of the Secretary of War, and for such purposes as he may deem proper, $12,000: *Provided*, That none of the funds appropriated in this act shall be used for the payment of expenses connected with the transfer of surplus property of the War Department to any other activity of the Government where the articles or lots of articles to be transferred are located at any place at which the total surplus quantities of the same commodity are so small that their transfer would not, in the opinion of the Secretary of War, be economical (*act Feb. 23, 1927, vol. 44, p. 1107*)	$12,000.00	$12,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
02	Miscellaneous supplies, periodicals, etc	$500.00	$600.00	$232.97
06	Travel expenses	1,270.00	1,270.00	1,129.50
08	Stenographic, typewriting, tabulating, etc. (service)	1,000.00	1,000.00	
	Special and miscellaneous current expenses:			
1327	Entertainment expenses	3,850.00	4,500.00	3,176.37
1380	General purposes and miscellaneous current expenses	5,380.00	1,660.00	2,116.09
13	Total special and miscellaneous current expenses	9,230.00	6,130.00	5,292.46
			9,000.00	6,654.93
	Unobligated balance			5,755.07
	Reserve		3,000.00	
	Total	12,000.00	12,000.00	12,410.00

Total under Secretary of War	886,306.00	889,439.00
GENERAL STAFF CORPS		
SUPPORT OF THE REGULAR ARMY		
Contingencies, Military Intelligence Division, General Staff Corps—		
For contingent expenses of the Military Intelligence Division, General Staff Corps, and of the military attachés at the United States embassies and legations abroad, including the purchase of law books, professional books of reference, and subscriptions to newspapers and periodicals; for cost of special instruction at home and abroad, and in maintenance of students and attachés; for the hire of interpreters, special agents, and guides, and for such other purposes as the Secretary of War may deem proper, including $5,000 for the actual and necessary expenses of officers of the Army on duty abroad for the purpose of observing operations of armies of foreign States at war, to be paid upon certificates of the Secretary of War that the expenditures were necessary for obtaining military information [$60,000] *$70,000* to be expended under the direction of the Secretary of War: *Provided*, That section 3648, Revised Statutes, shall apply neither to subscriptions for foreign and professional newspapers and periodicals nor to other payments made from appropriations contained in this act in compliance with the laws of foreign countries under which the military attachés are required to operate (*act Feb. 23, 1927, vol. 44, p. 1107*)	70,000.00	60,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Supplies and materials:			
0200	Stationery and office supplies	$4,000.00	$3,800.00	$3,507.65
0220	Scientific and educational supplies	2,300.00	2,200.00	1,850.67
02	Total supplies and materials	6,300.00	6,000.00	5,358.32
05	Communication service	200.00	200.00	137.99
13	Special and miscellaneous current expenses	48,880.00	39,580.00	41,648.57
22	Grants, subsidies, and contributions	7,520.00	7,520.00	6,705.86
30	Educational, scientific, and recreational equipment	7,100.00	6,700.00	7,557.92
				61,408.66
	Unobligated balance			111.34
	Total	70,000.00	60,000.00	61,520.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Salaries, Office of Chief of Staff—		
Salaries, office of Chief of Staff: For personal services in the District of Columbia, in accordance with the classification act of 1923 (*act Feb. 23, 1927, vol. 44, p. 1107*)	$217,038.00	$217,038.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average*—		*Average*—		*Average*—	
Grade 3, $3,000 to $3,600; average, $3,300—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Associate engineer (cartographic engineer)	1	$3,000	1	$3,000	1	$3,000
Subprofessional service—						
Grade 6, $1,860 to $2,400; average, $2,111.42—						
Senior engineering draftsman	1	2,200	1	2,200	1	2,106
Grade 5, $1,680 to $2,040; average, $1,860—						
Engineering draftsman	2	1,890	2	1,890	1.9	1,875
Clerical, administrative, and fiscal service—						
Grade 11, $3,800 to $5,000; average, $4,400—						
Director of women's relations	1	4,000	1	4,000	1	3,889
Grade 8, $2,700 to $3,300; average, $3,000—						
Administrative assistant (chief clerk)	1	3,100	1	3,100	1	3,006
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant (assistant chief clerk)	1	2,800	1	2,800	1	2,706
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk (chief clerk of division)	5	2,440	5	2,440	5	2,433
Principal translator	2	2,250	2	2,250	2	2,187
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	2	2,150	2	2,150	2	2,056
Senior clerk-stenographer	1	2,300	1	2,300	1	2,300
Senior translator	2	1,960	2	1,960	2	1,893
Senior photographer	1	2,100	1	2,100	0.8	2,100
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	16	1,856	16	1,856	15.6	1,828
Clerk-stenographer	10	1,806	10	1,806	9.6	1,776
Photographer					0.2	2,040
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	13	1,675	13	1,675	11.5	1,676
Senior stenographer	5	1,668	5	1,668	4	1,662
Assistant clerk-stenographer	13	1,592	13	1,592	12.6	1,500
Assistant office draftsman					0.1	1,740
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	5	1,416	5	1,416	7.8	1,445
Junior stenographer	20	1,461	20	1,461	21.8	1,409
Junior clerk-typist	5	1,440	5	1,440	3.3	1,481
Junior clerk-stenographer	6	1,470	6	1,470	5.6	1,388
Junior operator, office devices	1	1,680	1	1,680	1	1,680
Grade 1, $1,140 to $1,500; average, $1,320—						
Junior typist					1	1,380
Underclerk-typist					0.7	1,140
Underoperator, office devices	1	1,320	1	1,320	1	1,320
Custodial service—						
Grade 4, $1,140 to $1,500; average, $1,320—						
Head messenger	1	1,380	1	1,380	1	1,324
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger	11	1,140	11	1,140	11	1,112
Grade 2, $900 to $1,140; average, $1,020—						
Laborer	1	1,020	1	1,020	1	1,020
Total average number of employees	128		128		128.5	
01 Total salaries, departmental service		217,038.00		217,038.00		212,062.94
Unobligated balance						4,812.06
Total		217,038.00		217,038.00		216,875.00

Total under General Staff Corps	287,038.00	277,038.00

Adjutant General's Department

Support of the Regular Army

Contingencies, Headquarters of Military Departments, etc.—

For contingent expenses at the headquarters of the several territorial departments, corps areas, armies, territorial districts, tactical corps, divisions, and brigades, including the Staff Corps serving thereat, being for the purchase of the necessary articles of office, toilet, and desk furniture, stationery, ice, and potable water for office use, binding, maps, technical books of reference, professional and technical newspapers and periodicals, payment for which may be made in advance, and police utensils, to be allotted by the Secretary of War, and to be expended in the discretion of the commanding officers of the several military departments, corps areas, districts, armies, and tactical commands (*act Feb. 23, 1927, vol. 44, p. 1108*) 4,500.00 4,500.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Contingencies, Headquarters of Military Departments, etc.—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Supplies and materials:			
02012 Stationery	$800.00	$800.00	$792.55
0202 Office supplies	800.00	800.00	799.37
0203 Drafting and artists' supplies	100.00	100.00	89.95
0205 Cleaning and toilet supplies	100.00	100.00	98.97
0284 Ice	600.00	600.00	594.71
02 Total supplies and materials	2,400.00	2,400.00	2,375.55
08 Printing and binding	200.00	200.00	196.03
Equipment:			
3010 Office	700.00	700.00	680.10
3021 Books	1,200.00	1,200.00	1,187.37
30 Total equipment	1,900.00	1,900.00	1,867.47
Unobligated balance			4,439.05
			60.95
Total	4,500.00	4,500.00	4,500.00

Army War College—

For expenses of the Army War College, being for the purchase of the necessary special stationery; textbooks, books of reference, scientific and professional papers and periodicals; maps; police utensils; employment of temporary, technical, or special services and expenses of special lecturers; for the pay of employees; and for all other absolutely necessary expenses (*U. S. C., p. 170, sec. 9; act Feb. 23, 1927, vol. 44, p. 1108*) $73,610.00 $68,390.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average*—		*Average*—		*Average*—	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $2,700 to $3,300; average, $3,000—						
Librarian	1	$2,800	1	$2,800	1	$2,800
Salary range, $2,400 to $3,000; average, $2,700—						
Chief clerk and superintendent of building	1	2,700	1	2,700	1	2,700
Salary range, $1,860 to $2,400; average, $2,100—						
Clerk	6	2,067	6	2,067	6	1,998
Head cataloguer	1	2,000	1	2,000	1	1,920
Chief engineer	1	2,000	1	2,000	1	1,920
Salary range, $1,680 to $2,040; average, $1,860—						
Clerk	4	1,800	4	1,800	4	1,785
Cataloguer					1	1,680
Salary range, $1,500 to $1,860; average, $1,680—						
Clerk	3	1,660	3	1,660	3	1,641
Assistant cataloguer	1	1,620	1	1,620	1	1,620
Assistant engineer	1	1,500	1	1,500	1	1,500
Salary range, $1,320 to $1,680; average, $1,500—						
Draftsman	1	1,440				
Clerk	3	1,340	1	1,380	2	1,382
Library assistant	1	1,560	1	1,560	1	1,505
Salary range, $1,140 to $1,500; average, $1,320—						
Clerk	3	1,140	2	1,140	0.8	947
Clerk, minor	2	1,290	2	1,290	2	1,230
Skilled laborer	1	1,200	1	1,200	1	1,200
Captain of the watch	1	1,200	1	1,200	1	1,200
Salary range, $1,020 to $1,260; average, $1,140—						
Messenger	1	1,080	1	1,080	1	1,080
Fireman	4	1,140	4	1,140	4	1,118
Watchman	3	1,060	3	1,060	3	1,060
Salary range, $900 to $1,140; average, $1,020—						
Laborer	1	1,020	1	1,020	1	1,020
Salary range, $240 to $420; average, $330—						
Charwoman	5	390	5	390	5	390
Total average number of employees	45		41		41.8	
Total salaries and wages, field service		64,410.00		59,100.00		59,965.02
Special and miscellaneous payments for personal services		2,300.00		2,300.00		1,910.00
01 Total personal services		66,710.00		61,490.00		61,875.02
Supplies and materials:						
0200 Stationery and office supplies		1,675.00		2,175.00		1,506.82
0220 Scientific and educational supplies		550.00		700.00		511.50
0280 Sundry supplies		200.00		250.00		124.24
02 Total supplies and materials		2,425.00		3,125.00		2,142.56
08 Printing and binding, engraving, lithographing, photographing and typewriting (job work)		25.00		25.00		30.75
12 Repairs and alterations		175.00		325.00		134.17

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Army War College—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Equipment:			
3010 Furniture, furnishings, and fixtures	$1,850.00	$100.00	$645.98
3020 Educational, scientific, and recreational equipment	2,400.00	3,300.00	3,093.39
3050 Other equipment	25.00	25.00	39.71
30 Total equipment	4,275.00	3,425.00	3,779.08
			67,961.58
Unobligated balance			428.42
Total	73,610.00	68,390.00	68,390.00

Command and General Staff School, Fort Leavenworth, Kans.—

For the purchase of textbooks, books of reference, scientific and professional papers, instruments, and material for instruction; employment of temporary, technical, special, and clerical services; and for other necessary expenses of instruction, at the Command and General Staff School, Fort Leavenworth, Kansas (*act Feb. 23, 1927, vol. 44, p. 1108*) ..... $40,599.00 | $40,599.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $1,680 to $2,040; average, $1,860—						
Translator					1	$1,800
Salary range, $1,500 to $1,860; average, $1,680—						
Confidential stenographer and secretary	1	$1,620	1	$1,620	1	1,620
Chief stenographer	1	1,620	1	1,620	1	1,620
Salary range, $1,320 to $1,680; average, $1,500—						
Stenographer	3	1,440	3	1,440	3	1,440
Salary range, $1,140 to $1,500; average, $1,320—						
Stenographer	2	1,200	2	1,200	1.2	1,200
Total average number of employees	7		7		7.2	
01 Total salaries and wages, field service		9,960		9,960		10,800
Supplies and materials:						
0202 Office supplies		300.00		300.00		99.99
0203 Drafting and artists' supplies		500.00		500.00		101.94
0204 Photographic supplies		1,000.00		1,000.00		1,969.41
0205 Cleaning and toilet supplies		200.00		200.00		190.00
0221 Scientific supplies		250.00		250.00		253.00
0299 Material, special and miscellaneous		21,489.00		21,489.00		18,074.91
02 Total supplies and materials		23,739.00		23,739.00		20,689.25
12 Repair and alteration of equipment		1,800.00		1,800.00		469.80
Equipment:						
3010 Furniture, furnishings, and fixtures		1,000.00		1,000.00		477.73
3021 Educational, scientific, and recreational		4,100.00		4,100.00		8,057.43
30 Total equipment		5,100.00		5,100.00		8,535.16
						40,494.21
Unobligated balance						104.79
Total		40,599.00		40,599.00		40,599.00

Military Post Exchanges—

For continuing the construction, equipment, and maintenance of suitable buildings at military posts and stations, for the conduct of the post exchange, school, reading, lunch, and amusement rooms; for the conduct and maintenance of libraries, including periodicals and other publications, and subscriptions for newspapers for which payment may be made in advance, service clubs, chapels, and gymnasiums, including repairs to buildings erected at private cost, in the operation of the act approved May 31, 1902, and including salaries and travel for civilians employed in the hostess and library services, and for transportation of books and equipment for these services; for the rental of films, purchase of slides for and making repairs to moving-picture outfits, and for similar and other recreational purposes at training and mobilization camps now established, or which may be hereafter established (*act Feb. 23, 1927, vol. 44, p. 1108*) ..... 82,740.00 | 82,400.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Military Post Exchanges—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
Salary range, $2,100 to $2,700; average, $2,400—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Librarian	1	$2,640	1	$2,640	1	$2,640
Librarian	4	2,400	4	2,400	4.9	2,400
Librarian	2	2,100	2	2,100	1	2,100
Salary range, $1,680 to $2,040; average, $1,860—						
Hostess	4	1,920	4	1,920	3.4	1,920
Hostess	9	1,740	9	1,740	8.8	1,740
Salary range, $600 to $780; average, $690—						
Temporary hostess			1	660	1.4	660
Total average number of employees	20		21		20.5	
Total salaries and wages, field service		39,780		40,440		39,264
The difference between 1929 and 1928 is due to decrease in force, $660.						
Deduct allowance value of quarters furnished		720		720		612
01 Total personal services, cash payment		39,060		39,720		38,652
02 Magazines, periodicals, pamphlets, and newspapers		8,000.00		8,000.00		7,921.25
06 Travel of civilian employees		1,100.00		1,100.00		1,204.48
07 Transportation of books and library equipment		910.00		910.00		829.42
12 Buildings at military posts and stations, for conduct of post exchange, school, library, reading, lunch, and amusement rooms, service clubs, chapels, and gymnasiums, construction and repair of		15,000.00		15,000.00		14,952.20
Equipment:						
3021 Purchase of books		17,670.00		17,670.00		17,978.26
3023 Recreational equipment		1,000.00				941.13
30 Total equipment		18,670.00		17,670.00		18,919.39
						82,478.74
Unobligated balance						1,321.26
Total		82,740.00		82,400.00		83,800.00

Total, support of the Regular Army under Adjutant General's Department	$201,449.00	$195,889.00

DEPARTMENTAL

Salaries, Adjutant General's Office—

Salaries: For personal services in the District of Columbia in accordance with the classification act of 1923, [$1,355,000] *$1,340,614;* all employees provided for by this paragraph for The Adjutant General's Office of the War Department shall be exclusively engaged on work of that office [: *Provided,* That the unexpended balance of the appropriation of $3,600,000 for administrative expenses, World War adjusted compensation act, contained in the second deficiency act, fiscal year 1924, approved December 5, 1924, shall remain available until June 30, 1928] (*act Feb. 23, 1927, vol. 44, p. 1108*) 1,340,614.00 1,355,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Clerical, administrative, and fiscal service—	*Average—*		*Average—*		*Average—*	
Grade 10, $3,300 to $3,900; average, $3,600—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Junior administrative officer (chief clerk of bureau)	1	$3,800	1	$3,791	1	$3,694
Grade 9, $3,000 to $3,600; average, $3,300—						
Senior administrative assistant (assistant chief clerk of bureau)	2	3,450	2	3,450	2	3,441
Chief clerk of division	1	3,000	1	3,000	1	3,000
Grade 8, $2,700 to $3,300; average, $3,000—						
Administrative assistant (chief clerk of division)	5	3,000	5	3,000	5	3,000
Chief clerk of section	2	3,000	2	2,945	1	3,000
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant (chief clerk of division)	2	2,700	2	2,700	2	2,697
Assistant chief clerk of division	5	2,620	5	2,595	4	2,558
Chief clerk of section	6	2,483	6	2,483	6.2	2,558
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk (assistant chief clerk of division)	3	2,400	3	2,397	4	2,388
Chief clerk of section	16	2,237	17	2,192	14.8	2,358
Assistant chief clerk of section	5	2,320	5	2,296	3.4	2,252
Chief clerk of subsection	2	2,400	2	2,400	2	2,400
Advisory clerk			1	2,290	1	2,194
Secretary to The Adjutant General	1	2,400	1	2,390	1	2,294
Senior correspondence clerk	2	2,200	2	2,191	2	2,100
Supervisory clerk	3	2,237	3	2,230	0.9	1,890

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries, Adjutant General's Office—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service—Continued.						
Salaries—Continued.						
Clerical, administrative, and fiscal service—Con.	*Average—*		*Average—*		*Average—*	
Grade 5, $1,860 to $2,400; average, $2,100—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Senior clerk (chief clerk of section)	6	$2,040	6	$2,020	5.4	$1,976
Assistant chief clerk of section	9	2,060	9	2,059	9.8	2,064
Correspondence clerk	22	2,027	22	2,035	19.8	2,023
Reviewers of correspondence	5	2,028	5	2,028	5	2,028
Editorial clerk	1	1,920	1	1,915	1	2,019
Supervisory clerk	24	2,009	24	1,987	19.2	2,060
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	168	1,821	172	1,819	168.5	1,820
Accounting and auditing assistant	2	2,040	2	2,040	2	2,040
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	169	1,623	173	1,623	171.1	1,640
Assistant photographer	1	1,860	1	1,860	1	1,860
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	183	1,410	181	1,399	213.2	1,396
Junior stenographer	13	1,427	15	1,423	15.3	1,411
Senior typist	15	1,425	17	1,418	19.3	1,408
Junior operator, office devices	3	1,500	3	1,416	2.8	1,360
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	47	1,170	40	1,164	23.2	1,215
Junior typist	12	1,190	12	1,190	12.7	1,192
Underoperator, office devices	7	1,250	7	1,251	10.4	1,231
Subprofessional service—						
Grade 5, $1,680 to $2,040; average, $1,860—						
Library assistant	1	1,860	1	1,860	1	1,860
Grade 4, $1,500 to $1,860; average, $1,680—						
Assistant social-service worker	1	1,800	1	1,795	1	1,737
Custodial service—						
Grade 6, $1,500 to $1,860; average, $1,680—						
Mechanic	3	1,700	4	1,695	4	1,695
Grade 5, $1,320 to $1,680; average, $1,500—						
Junior mechanic	1	1,320	1	1,320	1	1,320
Grade 4, $1,140 to $1,500; average, $1,320—						
Undermechanic			1	1,260	1	1,260
Head messenger	2	1,260	2	1,260	2	1,260
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger	47	1,137	51	1,129	53.3	1,122
Senior laborer	5	1,153	5	1,152	5	1,152
Guard (watchman)	4	1,065	4	1,065	4	1,052
Minor mechanic	1	1,200	1	1,200	1	1,197
Grade 2, $900 to $1,140; average, $1,020—						
Junior laborer	14	1,024	13	1,020	11.8	977
Junior laborer (charwoman)	1	500	1	500	1	490
Grade 1, $600 to $780; average, $690—						
Junior messenger	8	654	8	653	8.8	639
Total average number of employees	831		841		853.9	
01 Total salaries, departmental service		1,340,614.00		1,355,000.00		1,366,144.72
Unobligated balance						26,475.28
Total		1,340,614.00		1,355,000.00		1,392,620.00
Total under Adjutant General's Department					$1,542,063.00	$1,550,889.00

INSPECTOR GENERAL'S DEPARTMENT

DEPARTMENTAL

Salaries, Office of Inspector General—

Salaries: For personal services in the District of Columbia in accordance with the classification act of 1923 (*act Feb. 23, 1927, vol. 44, p. 1109*) 25,640.00 25,180.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Clerical, administrative, and fiscal service—	*Average—*		*Average—*		*Average—*	
Grade 9, $3,000 to $3,600; average, $3,300—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Accountant and auditor	1	$3,300	1	$3,200	1	$3,200
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant	1	2,700	1	2,600	1	2,600
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	2	2,400	2	2,300	2	2,300
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	1	2,100	1	2,000	1	2,000
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk-stenographer	3	1,707	1	1,740	1	1,740
Clerk	1	1,740	1	1,740	1	1,740
Principal stenographer	1	1,740	2	1,740	1.9	1,740
Clerk-stenographer			1	1,680	1	1,680
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	2	1,503	2	1,500	2	1,500
Custodial service—						
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger	1	1,140	1	1,140	1	1,140
Total average number of employees	13		13		12.9	
01 Total salaries, departmental service		25,640.00		25,180.00		24,973.50
Unobligated balance						206.50
Total		25,640.00		25,180.00		25,180.00
The difference between 1929 and 1928 is due to increase in salaries, $460.						

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
JUDGE ADVOCATE GENERAL'S DEPARTMENT		
DEPARTMENTAL		
Salaries, Office of Judge Advocate General—		
Salaries: For personal services in the District of Columbia in accordance with the classification act of 1923 [$100,000] *$105,000*: *Provided*, That not to exceed [$36,900] *$41,060* may be used for the employment of such experts, at rates of pay to be fixed by the Secretary of War, and other employees as may be required by the Judge Advocate General of the Army for the preparation of evidence for use in behalf of the Government in claims or suits filed in Federal courts on account of alleged patent infringements and other causes and for like services in connection with other patent matters and other causes and for necessary per diem and traveling expenses in connection therewith, as authorized by law (*act Feb. 23, 1927, vol. 44, p. 1109*)	$105,000.00	$100,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average—		*Average*—		*Average*—	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Departmental service:						
Salaries—						
Professional service—						
Grade 4, $3,800 to $5,000; average, $4,400—						
Patent examiner	1	$3,900	1	$3,900	1	$3,800
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant librarian	1	2,600	1	2,500	1	2,400
Grade 1, $1,860 to $2,400; average, $2,100—						
Junior patent examiner	1	2,100	1	2,100	1	2,100
Junior attorney	1	2,100	1	1,860	1	1,888
Subprofessional service—						
Grade 3, $1,320 to $1,680; average, $1,500—						
Under library assistant	1	1,500	1	1,500	1	1,320
Clerical, administrative, and fiscal service—						
Grade 9, $3,000 to $3,600; average, $3,300—						
Senior administrative assistant (chief clerk and solicitor)	1	3,100	1	3,000	0.75	3,000
Grade 8, $2,700 to $3,300; average, $3,000—						
Administrative assistant					0.25	2,800
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	1	2,300	1	2,200	1	2,100
Grade 5, $1,860 to $2,400; average, $2,100—						
Senior clerk	1	2,000	1	2,000	1	1,920
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	3	1,860	3	1,800	3	1,788
Clerk-stenographer	2	1,860	2	1,830	2	1,828
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	3	1,780	3	1,780	3.9	1,723
Assistant clerk-stenographer	8	1,590	8	1,590	8	1,582
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	1	1,560	1	1,500	1	1,488
Junior clerk-typist	3	1,500	3	1,500	3	1,388
Junior clerk-stenographer	5	1,452	5	1,452	3.8	1,341
Grade 1, $1,140 to $1,500; average, $1,320—						
Underoperator, office devices	1	1,440	1	1,440	1	1,440
Custodial service—						
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger	2	1,110	2	1,110	2	1,110
Total average number of employees	36		36		35.7	
Total salaries, departmental service		63,940		63,100		61,244
Special services:						
Salaries—						
Unclassified (services as required; duration indetermined)		9,760		6,420		
Professional service—						
Grade 1, $1,860 to $2,400; average, $2,100—						
Junior attorney	1	1,860	1	1,860		
Subprofessional service—						
Grade 6, $1,860 to $2,400; average, $2,100—						
Senior engineering draftsman	1	2,100	1	2,100	1.5	2,044
Clerical, administrative and fiscal service—						
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	1	2,100	1	2,100	1	2,100
Grade 5, $1,860 to $2,400; average, $2,100—						
Senior clerk					0.9	1,860
Senior clerk-stenographer	1	1,860	1	1,860	1	1,888
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk-stenographer	2	1,680	2	1,680	0.9	1,680
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk-stenographer	4	1,500	4	1,500	1.8	1,500
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk-typist	3	1,400	3	1,400	1.7	1,440
Junior stenographer	3	1,440	3	1,440	1.5	1,388
Grade 1, $1,140 to $1,500; average, $1,320—						
Underoperator, office devices	1	1,260	1	1,140	1	1,260
Custodial service—						
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger	1	1,020	1	1,020	0.9	1,020
Total average number of employees	18		18		12.2	
01 Total salaries, special services		37,840		34,380		19,691

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries, Office of Judge Advocate General—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Travel expenses:			
0601 Railway fares, fares by water, sleeping-car fares	$1,275	$1,020	
0602 Per diem in lieu of subsistence (in travel status)	1,945	1,500	
06 Total travel expenses	3,220	2,520	$208
			81,143
Unobliged balance			6,677
Total	105,000	100,000	87,820
The difference between 1929 and 1928 is due to—			
Increase in salaries	$960		
Increase in force	3,340		
Increase in traveling expenses	700		
Total increase	5,000		

Finance Department

Support of the Regular Army

Pay of the Army—

Pay of officers—

For pay of officers of the line and staff [$30,440,500] (*U. S. C., p. 186, sec. 482; p. 187, secs. 483, 487; p. 189, sec. 651; p. 1185, sec. 1; p. 1187, sec. 12; act Feb. 23, 1927, vol. 44, p. 1109*) $31,168,426.00

For pay of officers, National Guard (*U. S. C., p. 1033, sec. 9; p. 1186, sec. 7; act Feb. 23, 1927, vol. 44, p. 1109*) 100.00

For pay of warrant officers [$2,227,920] (*U. S. C., p. 179, sec. 274; p. 191, sec. 591; p. 1187, sec. 13; act Feb. 23, 1927, vol. 44, p. 1109*) 2,156,880.00

For aviation increase to commissioned and warrant officers of the Army [$1,397,624] (*U. S. C., p. 180, secs. 300, 301, 302; p. 1189, sec. 29; act Feb. 23, 1927, vol. 44, p. 1109*) 1,571,326.00

For additional pay to officers for length of service [$6,924,971] (*U. S. C., p. 1186, sec. 3; act Feb. 23, 1927, vol. 44, p. 1109*) 7,778,298.00

Pay of enlisted men—

For pay of enlisted men of the line and staff, not including the Philippine Scouts, [$48,954,250,] *$51,022,306* [and, in addition, unobligated balances under the following appropriations are reappropriated in amounts not to exceed those set after each of such appropriations: Clothing and equipage, 1925, $45,000; barracks and quarters, 1925, $35,000; printing and binding, War Department, 1925, $50,000; salaries, Adjutant General's office, 1925, $80,000; pay of the Army, 1925, $195,000; Army transportation, 1925, $500,000; Organized Reserves, 1925, $250,000; finance service, 1926, $80,000; Organized Reserves, 1926, $80,000; incidental expenses of the Army, 1926, $80,000; Army transportation, 1926, $80,000; land, Fort Bliss, Texas, 1926, $275,000; pay of Military Academy, 1926, $3,961; in all, $1,753,961] (*U. S. C., p. 192, secs. 604, 605; p. 1187, sec. 13; act Feb. 23, 1927, vol. 44, p. 1109*) 51,022,306.00

For pay of enlisted men of National Guard (*U. S. C., p. 1033, sec. 9; p. 1187, sec. 13; act Feb. 23, 1927, vol. 44, p. 1109*) 100.00

For aviation increase to enlisted men of the Army [$400,000] (*U. S. C., p. 180, sec. 300; p. 1189, sec. 29; act Feb. 23, 1927, vol. 44, p. 1109*) 460,723.00

For pay of the enlisted men of the Philippine Scouts [$938,960] (*U. S. C., p. 181, secs. 333, 334; act Feb. 23, 1927, vol. 44, p. 1109*) 976,854.00

For additional pay for length of service to enlisted men [$2,721,187] (*U. S. C., p. 1187, sec. 13; act Feb. 23, 1927, vol. 44, p. 1109*) 3,286,620.00

Pay of persons with retired status—

For pay of the officers on the retired list [$7,356,991] (*U. S. C., p. 204, secs. 931, 941, 942, 943, 944, 946; p. 1189, sec. 26; act Feb. 23, 1927, vol. 44, p. 1109*) 7,349,729.00

For increased pay to retired officers on active duty [$210,000] (*U. S. C., p. 206, sec. 991; p. 1189, sec. 26; act Feb. 23, 1927, vol. 44, p. 1109*) 216,638.00

For pay of retired enlisted men [$9,743,250] (*U. S. C., p. 204, sec. 947; p. 206, sec. 980; p. 1187, sec. 13; act Feb. 23, 1927, vol. 44, p. 1109*) 10,631,858.00

For increased pay and allowances of retired enlisted men on active duty [$10,000] (*U. S. C., p. 1187; sec. 13; p. 1189, sec. 26; act Feb. 23, 1927, vol. 44, p. 1109*) 9,878.00

For pay of retired pay clerks (*acts Mar. 3, 1911, vol. 36, p. 1044; Aug. 11, 1916, vol. 39, p. 493; June 27, 1918, vol. 40, p. 623; Feb. 23, 1927, vol. 44, p. 1109*) 6,750.00

For pay of retired veterinarians (*acts Mar. 3, 1911, vol. 36, p. 1042; Feb. 23, 1927, vol. 44, p. 1109*) 3,570.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object		Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Pay of the Army—Continued.			
Pay of not to exceed sixty-five civil-service messengers at $1,080 each at headquarters of the several territorial departments, corps areas, Army and corps headquarters, territorial districts, tactical divisions and brigades, service schools, camps, and ports of embarkation and debarkation [$68,040] (*act Feb. 23, 1927, vol. 44, p. 1109*)	$70,200.00		
For pay and allowances of contract surgeons [$40,000] (*U. S. C., p. 174, sec. 107; p. 1186, sec. 5; act Feb. 23, 1927, vol. 44, p. 1109*)	44,556.00		
For pay of nurses [$757,960] (*U. S. C., p. 175, sec. 161; p. 176, secs. 162, 164; p. 1189, sec. 22; act Feb. 23, 1927, vol. 44, p. 1109*)	823,780.00		
For pay of hospital matrons (*R. S., p. 1277; act Feb. 23, 1927, vol. 44, p. 1109*)	600.00		
For rental allowances, including allowances for quarters for enlisted men on duty where public quarters are not available [$6,370,998] (*U. S. C., p. 1187, sec. 10; p. 1188, sec. 19; act Feb. 23, 1927, vol. 44, p. 1109*)	6,668,385.00		
For subsistence allowances [$5,813,933] (*U. S. C., p. 1186, sec. 9; p. 1188, sec. 19; act Feb. 23, 1927, vol. 44, p. 1109*)	5,855,602.00		
For interest on soldiers' deposits (*U. S. C., p. 203, sec. 907; act Feb. 23, 1927, vol. 44, p. 1109*)	75,000.00		
For payment of exchange by officers serving in foreign countries, and when specially authorized by the Secretary of War, by officers disbursing funds pertaining to the War Department, when serving in Alaska, and all foreign money received shall be charged to and paid out by disbursing officers of the Army at the legal valuation fixed by the Secretary of the Treasury (*acts Aug. 29, 1916, vol. 39, p. 629; Feb. 23, 1927, vol. 44, p. 1109*)	1,000.00		
For additional pay to officers below the grade of major required to be mounted, and who furnish their own mounts [$225,000] (*U. S. C., p. 198, sec. 803; act Feb. 23, 1927, vol. 44, p. 1109*)	250,000.00		
		$130,429,179.00	$124,688,704.00
The money herein appropriated for "Pay, and so forth, of the Army" shall be accounted for as one fund.			
No clerk, messenger, or laborer at headquarters of tactical divisions, military departments, brigades, service schools, and office of the Chief of Staff shall be assigned to duty in any bureau of the War Department.			
None of the money appropriated in this act shall be used to pay any officer on the retired list of the Army who for himself or for others engages in the selling, contracting for the sale of, negotiating for the sale of, or furnishing to the Army or the War Department any supplies, materials, equipment, lands, buildings, plants, vessels, or munitions. None of the money appropriated in this act shall be paid to any officer on the retired list of the Army who, having been retired before reaching the age of sixty-four, is employed in the United States or its possessions by any individual, partnership, corporation, or association regularly or frequently engaged in making direct sales of any merchandise or material to the War Department or the Army.			

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Personal services:			
0111	Contract surgeons	$44,556	$40,000	$44,400
0121	Pay of officers	31,168,426	30,440,500	30,392,800
0121	Pay of officers of National Guard	100	100	
0121	Longevity increase, officers	7,778,298	6,924,971	6,879,500
0121	Philippine Scouts	976,854	938,960	979,700
0121	Active duty retired officers	216,638	210,000	188,400
0122	Warrant officers	2,156,880	2,227,920	2,352,000
0122	Aviation increase, officers	1,571,326	1,397,624	1,154,740
0123	Pay of enlisted men	51,022,306	50,708,211	47,765,339
0123	Pay, enlisted men, National Guard	100	100	
0123	Aviation increase, enlisted men	460,723	400,000	263,300
0123	Longevity increase, enlisted men	3,286,620	2,721,187	2,825,100
0123	Active duty, retired enlisted men	9,878	10,000	4,500
0124	Nurses	823,780	757,960	722,500
0124	Hospital matrons	600	600	400
0125	Civil-service messengers	70,200	68,040	52,750
0140	Rental allowances, officers and others	5,584,345	5,520,998	5,485,300
0140	Rental allowances, enlisted men	1,084,040	850,000	907,700
0140	Subsistence allowance	5,855,602	5,813,933	5,806,400
0140	Pay for mounts	250,000	225,000	229,000
01	Total personal services	112,361,272	107,502,143	106,053,829
13	Payment of exchange	1,000	1,000	108
20	Interest on soldiers' deposits	75,000	75,000	45,200
	Pensions, retirement salaries, etc.:			
2111	Retired officers	7,349,729	7,356,991	7,459,000
2111	Retired enlisted men	10,631,858	9,743,250	9,710,000
2111	Retired pay clerks	6,750	6,750	6,750
2111	Retired veterinarians	3,570	3,570	3,570
21	Total retirement pay	17,991,907	17,110,561	17,179,320
	Total	130,429,179	[1] 126,442,665	123,278,457

[1] Excess of expenditures over appropriations will be made from reappropriated balances.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Mileage of the Army— For mileage, reimbursement of actual traveling expenses, or per diem allowances in lieu thereof, as authorized by law, to commissioned officers, warrant officers, contract surgeons, and expert accountant, Inspector General's Department (*U. S. C., p. 197, sec. 747; p. 201, sec. 870; p. 1188, sec. 20; act Feb. 23, 1927, vol. 44, p. 1110*)	$740,000.00	$767,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
06 Payment of mileage	$740,000	$757,000	$725,000
Unobligated balance			75,000
Reserve		10,000	
Total	740,000	767,000	800,000

Expenses of Courts-Martial— For expenses of courts-martial, courts of inquiry, military commissions, retiring boards, and compensation of reporters and witnesses attending same, *contract stenographic reporting services*, and expenses of taking depositions and securing other evidence for use before the same (*R. S., p. 1287; U. S. C., p. 193, sec. 644; p. 205, sec. 963; act Feb. 23, 1927, vol. 44, p. 1110*)	90,000.00	100,000.00
0150 Courts-martial, courts of inquiry, military commissions, etc.: Expenditures—1929, $90,000; 1928, $100,000; 1927, $70,000.		
Apprehension of Deserters, etc.— For the apprehension, securing, and delivering of soldiers absent without leave and of deserters, including escaped military prisoners, and the expenses incident to their pursuit; and no greater sum than $50 for each deserter or escaped military prisoner shall, in the discretion of the Secretary of War, be paid to any civil officer or citizen for such services and expenses; for a donation of $10 to each prisoner discharged otherwise than honorably upon his release from confinement under court-martial sentence involving dishonorable discharge (*R. S., p. 1137; act Feb. 23, 1927, vol. 44, p. 1110*)	150,000.00	125,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
13 Rewards for apprehension and delivery of deserters and escaped military prisoners	$130,000	$100,000	$126,500
22 Donation of $10 to discharged military prisoners	20,000	25,000	30,500
			$157,000
Unobligated balance			3,000
Total	150,000	125,000	160,000

Finance Service— For compensation of clerks and other employees of the Finance Department (*U. S. C., p. 176, sec. 171; act Feb. 23, 1927, vol. 44, p. 1110*)	1,050,000.00	1,050,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average— *No.*	*Salary*	*Average*— *No.*	*Salary*	*Average*— *No.*	*Salary*
Departmental service:						
Salaries—						
Clerical, administrative, and fiscal service—						
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk					0.9	$2,040
Total number of employees					0.9	
Total salaries, departmental service						1,830.33
Field service:						
Salaries and wages—						
Salary range, $3,800 to $5,000; average, $4,400—						
Contract attorney					1	4,600
Salary range, $3,000 to $3,600; average, $3,300—						
Senior contract auditor					2.9	3,000
Rate clerk					1	3,300
Salary range, $2,700 to $3,300; average, $3,000—						
Chief clerk					8	2,750
Clerk	21	$2,767	21	$2,762	9	2,750
Rate clerk					1	3,000
Junior contract auditor					*0.5	2,700

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927		Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Finance Service—Continued.								
Field service—Continued.								
Salaries and wages—Continued.	*Average—*		*Average—*		*Average—*			
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*		
Salary range, $2,400 to $3,000; average, $2,700—								
Chief clerk					6	$2,466		
Principal clerk					2	2,500		
Clerk	19	$2,458	19	$2,437	5	2,466		
Rate clerk					6	2,400		
Salary range, $2,100 to $2,700; average, $2,400—								
Principal clerk					1	2,200		
Clerk	33	2,232	25	2,250	22	2,223		
Rate clerk					8	2,225		
Junior contract auditor					1	2,300		
Salary range, $1,860 to $2,400; average, $2,100—								
Principal clerk					1	2,100		
Clerk	48	2,068	52	2,053	32	2,062		
Rate clerk					13	2,038		
Foreman of laborers	1	1,980	1	1,980	1	1,980		
Junior contract auditor					1	2,040		
Salary range, $1,680 to $2,040; average, $1,860—								
Principal clerk					1	1,860		
Clerk	78	1,860	64	1,867	70	1,857		
Rate clerk					9	1,860		
Multigraph operator	1	1,920	1	1,920	1	1,920		
Salary range, $1,500 to $1,860; average, $1,680—								
Clerk	155	1,676	148	1,684	148	1,679		
Addressograph operator					1	1,680		
Comptometer operator					1	1,680		
Salary range, $1,320 to $1,680; average, $1,500—								
Clerk	167	1,504	215	1,506	161	1,506		
Typewriter repair man	1	1,560	1	1,560	1	1,560		
Skilled laborer	1	1,440	2	1,440	2	1,440		
Addressograph operator					3	1,500		
Multigraph operator					1	1,500		
Salary range, $1,140 to $1,500; average, $1,320—								
Clerk	62	1,326	41	1,323	78	1,326		
Messenger	6	1,200	6	1,200	8	1,200		
Salary range, $1,020 to $1,260; average, $1,140—								
Clerk	2	1,080	2	1,110	2	1,080		
Messenger	4	1,095	4	1,095	3	1,080		
Janitor	1	1,080						
Salary range, $900 to $1,140; average, $1,020—								
Clerk			1	1,020				
Messenger	5	1,020	5	1,020	6	1,020		
Janitor			1	1,020	1	1,080		
Unskilled laborer	2	1,020	2	1,020	2	1,020		
Salary range, $780 to $1,020; average, $900—								
Clerk	2	900	2	900	2	900		
Messenger	2	780	1	900	2	795		
Salary range, $600 to $780; average, $690—								
Clerk	2	690	2	690	2	690		
Salary range, $420 to $600; average, $510—								
Messenger	2	420	2	420	2	420		
Salary range, $240 to $420; average, $330—								
Messenger	1	400	1	400	1	400		
Salary range, less than $240—								
Director of welfare service			1	1	1	1		
01 Total average number of employees	616		620		632.3			
Total salaries and wages		1,050,720.00		1,050,840.00		1,072,947.60		
Deduct allowance value of quarters furnished		720.00		840.00		746.00		
Total personal services, cash payment		1,050,000.00		1,050,000.00		1,072,201.60		
Travel expenses:								
0615 Transportation						385.79		
0616 Subsistence						429.78		
06 Total travel expenses						815.57		
						1,074,847.50		
Unobligated balance						45,152.50		
Total		1,050,000.00		1,050,000.00		1,120,000.00		

Claims for Damages to and Loss of Private Property—

For payment of claims not exceeding $500 each in amount for damages to or loss of private property incident to the training, practice, operation, or maintenance of the Army that have accrued, or may hereafter accrue, from time to time, [$6,000] *$3,000: Provided,* That settlement of such claims shall be made by the General Accounting Office, upon the approval and recommendation of the Secretary of War, where the amount of damages has been ascertained by the War Department, and payment thereof will be accepted by the owners of the property in full satisfaction of such damages (*act Feb. 23, 1927, vol. 44, p. 1110*) $3,000.00 $6,000.00

53 Claims for damages to and loss of private property: Expenditures—1929, $3,000; 1928, $24,000; 1927, $18,000

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Claims of Officers, Enlisted Men, and Nurses of the Army for Destruction of Private Property—		
For the payment of claims of officers, enlisted men, and nurses of the Army for private property lost, destroyed, captured, abandoned, or damaged in the military service of the United States, under the provisions of an act approved March 4, 1921 (*act Feb. 23, 1927, vol. 44, p. 1111*)	$34,000.00	$50,000.00
53 Destruction of private property: Expenditures—1929, $34,000; 1928, $48,000; 1927, $64,400. (The expenditure in 1927 in excess of the appropriation for that year was made from the unexpended balance of prior appropriation.)		
Indefinite appropriation:		
Claims of Officers and Men of the Army for Destruction of Private Property (U. S. C., p. 989, secs. 218, 222)	900.00	
53 Claims of officers and men of the Army for destruction of private property: Expenditures—1929, $900; 1928, $900; 1927, $545.08.		
Total, support of the Regular Army under Finance Department	132,497,079.00	126,786,704.00
DEPARTMENTAL		
Salaries, Office of Chief of Finance—		
Salaries: For personal services in the District of Columbia in accordance with the classification act of 1923 (*act Feb. 23, 1927, vol. 44, p. 1111*)	351,620.00	351,500.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 5, $5,200 to $6,000; average, $5,600—						
Senior attorney (assistant to chief)	1	$5,200	1	$5,200	1	$5,200
Clerical, administrative, and fiscal service—						
Grade 10, $3,300 to $3,900; average, $3,600—						
Senior administrative officer (auditor)	1	3,300	1	3,300	1	2,800
Senior administrative officer (chief of division)	1	3,400	1	3,400	1	3,325
Grade 9, $3,000 to $3,600; average, $3,300—						
Full administrative assistant (chief clerk)	1	3,100	1	3,100	1	3,039
Grade 7, $2,400 to $3,000; average, $2,700—						
Assistant administrative assistant (chief of division)	8	2,600	8	2,600	8	2,626
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk (branch chiefs)	10	2,350	10	2,350	10	2,271
Grade 5, $1,860 to $2,400; average, $2,100—						
Senior clerk	16	2,081	16	2,081	16	2,015
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	26	1,851	26	1,851	26	1,853
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	77	1,666	77	1,665	76	1,627
Senior stenographer	9	1,727	9	1,727	9	1,727
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	31	1,498	31	1,498	32	1,451
Junior stenographer	10	1,482	10	1,482	10	1,482
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	1	1,260	1	1,260	1	1,224
Custodial service—						
Grade 3, $1,020 to $1,360; average, $1,140—						
Messenger	1	1,200	1	1,200	1	1,164
Messenger	2	1,140	2	1,140	2	1,104
Messenger	1	1,080	1	1,080	1	1,080
Total average number of employees	196		196		196	
01 Total salaries, departmental service		351,620.00		351,500.00		344,581.01
Transferred to "Contingent expenses, War Department, as authorized by second deficiency act, fiscal year 1926, approved July 3, 1926						539.00
Unobligated balance						5,699.99
Total		351,620.00		351,500.00		350,820.00
The difference between 1929 and 1928 is due to increase in salaries, $120.						

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
TRUST FUND		
Pay of the Army, Deposit Fund—		
So much as may be necessary to pay back such deposits (soldiers' deposits) as may not be repaid on June 30, 1906, as shown by the books of the office of the Chief of Finance, said sum to be transferred in the Treasury Department from the pay of the Army to the credit of the deposit fund created by section 1305 of the Revised Statutes, as herein amended. That section 1305 of the Revised Statutes of the United States is hereby amended, to take effect July 1, 1906, and to read as follows: "SEC. 1305. Any enlisted man of the Army may deposit his savings, in sums not less than $5, with any Army paymaster, who shall furnish him a deposit book, in which shall be entered the name of the paymaster and of the soldier, and the amount, date, and place of such deposit. The amount so deposited shall be accounted for in the same manner as other public funds, and shall be deposited in the Treasury of the United States and kept as a separate fund, known as pay of the Army deposit fund, repayment of which to the enlisted man on discharge from the service shall be made out of the fund created by said deposits, and shall not be subject to forfeiture by sentence of court-martial, but shall be forfeited by desertion, and shall not be permitted to be paid until final payment on discharge, or to the heirs or representatives of a deceased soldier, and that such deposits be exempt from liability for such soldier's debts: *Provided*, That the Government shall be liable for the amount deposited to the persons so depositing the same" (*act June 12, 1906, vol. 34, pp. 245, 246*)----------	$1, 500, 000. 00	$1, 500, 000. 00
52 Repayment of deposits: Expenditures—1929, $1,500,000; 1928, $1,500,000; 1927, $1,567,015.51.		
Total under Finance Department----------	134, 348, 699. 00	128, 638, 204. 00
QUARTERMASTER CORPS		
SUPPORT OF THE REGULAR ARMY		
Subsistence of the Army—		
Subsistence of the Army: Purchase of subsistence supplies: For issue as rations to troops, including retired enlisted men when ordered to active duty, civil employees when entitled thereto, hospital matrons, applicants for enlistment while held under observation, general prisoners of war (including Indians held by the Army as prisoners, but for whose subsistence appropriation is not otherwise made), Indians employed by the Army as guides and scouts, and general prisoners at posts; for the subsistence of the masters, officers, crews, and employees of the vessels of the Army Transport Service; hot coffee for troops traveling when supplied with cooked or travel rations; meals for recruiting parties and applicants for enlistment while under observation; for sales to officers, including members of the Officers' Reserve Corps while on active duty, and enlisted men of the Army: *Provided*, That the sum of $12,000 is authorized to be expended for supplying meals or furnishing commutation of rations to enlisted men of the Regular Army while competitors in the national rifle match [: *Provided further*, That no competitor shall be entitled to commutation of rations in excess of $1.50 per day, and when meals are furnished no greater expense than that sum per man per day for the period the contest is in progress shall be incurred]. For payments: Of the regulation allowances of commutation in lieu of rations to enlisted men on furlough, enlisted men when stationed at places where rations in kind can not be economically issued, including retired enlisted men when ordered to active duty and when traveling on detached duty where it is impracticable to carry rations of any kind, enlisted men selected to contest for places or prizes in department and Army rifle competitions when traveling to and from places of contest, applicants for enlistment, and general prisoners while traveling under orders. For payment of the regulation allowances of commutation in lieu of rations for enlisted men, applicants for enlistment while held under observation, civilian employees who are entitled to subsistence at public expense, and general prisoners while sick in hospitals, to be paid to the surgeon in charge; advertising; for providing prizes to be established by the Secretary of War for enlisted men of the Army who graduate from the Army schools for bakers and cooks, the total amount of such prizes at the various schools not to exceed $900 per annum; and for other necessary expenses incident to the purchase, testing, care, preservation, issue, sale, and accounting for subsistence supplies for the Army; in all [$17,676,923] *$24,400,000* [, and, in addition, unobligated balances under the following appropriations for the fiscal year 1925 are reappropriated in amounts not to exceed those set after each of such appropriations: Mileage of the Army, $65,000; finance service, $200,000; Organized Reserves, $75,000; regular supplies of the Army, $150,000; incidental expenses of the Army, $275,000; Army transportation, $1,500,000; water and sewers at military posts, $50,000; pay of National Guard for armory drills, $200,000; pay of Military Academy, $148,000; arms, uniforms, equipment, and so forth, for field service, National Guard, $28,039; in all $2,691,039]----------	24, 400, 000. 00	17, 676, 923. 00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Subsistence of the Army—Continued.

None of the funds appropriated in this act shall be used for payment of expenses of operating any utility of the War Department selling services or supplies at which the cost of the services or supplies so sold does not include all customary overhead costs of labor, rent, light, heat, and other expenses properly chargeable to the conduct of such utility (*U. S. C., p. 172, sec. 72; p. 197, sec. 724; act Feb. 23, 1927, vol. 44, p. 1111*).

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Supplies and materials:			
0260	Rations for troops; retired enlisted men when ordered to active duty, civilian employees when entitled thereto; hospital matrons, applicants for enlistment while under observation; general prisoners of war, including Indians held by the Army as prisoners, but for whose subsistence appropriation is not otherwise made; Indians employed as guides and scouts, and general prisoners at posts, masters, officers, crews, and employees of the vessels of the Army	[1] $21,222,026	$17,460,396	$15,774,437
0260	Subsistence of masters, officers, crews, and employees of the vessels of the Army Transport Service	253,493	254,187	253,493
02	Total supplies and materials	21,475,519	17,714,583	16,027,930
	Subsistence and support of persons:			
0300	Hot coffee for troops when traveling, when supplied with cooked or travel rations (except recruits and recruiting parties)	1,000	1,000	600
0300	Hot coffee for recruits while on travel status	5,256	5,270	5,170
0300	Meals for recruiting parties (not including applicants for enlistment)	502,454	500,852	512,228
0300	Meals for applicants for enlistment while under observation	48,180	48,312	48,100
0340	Commutation of rations or meals	2,289,036	2,020,395	1,754,631
03	Total subsistence and support of persons	2,845,926	2,575,829	2,320,729
09	Advertising	50	50	100
	Special and miscellaneous current expenses:			
1380	Customs duties	5,000	5,000	5,000
1380	Necessary expenses incident to the purchase, testing, care, preservation, issue, sale, and accounting for subsistence supplies	73,505	72,500	109,876
13	Total special and miscellaneous current expenses	78,505	77,500	114,876
				[1] 18,463,635
	Deduct on account unexpended balance of funds received from sales			205,000
				18,258,635
	Deduct on account of excess subsistence stocks on hand June 30, 1926, based on an average ration cost of $0.33 for the fiscal year 1926			479,656
	Total	24,400,000	[2] 20,367,962	17,778,979

[1] Total includes:

Appropriated, fiscal year 1927	$16,109,908
Expended from funds carried in the second deficiency act approved July 3, 1926	1,669,071
Money value of sales funds and subsistence stock utilized	684,656
Total	18,463,635

[2] Excess of expenditures over appropriations will be made from reappropriated balances.

Regular Supplies of the Army—

Regular supplies of the Army: Regular supplies of the Quartermaster Corps, including their care and protection; construction and repair of military reservation fences; stoves and heating apparatus required for the use of the Army for heating offices, hospitals, barracks and quarters, and recruiting stations, and United States disciplinary barracks; also ranges, stoves, coffee roasters, and appliances for cooking and serving food at posts in the field and when traveling, and repair and maintenance of such heating and cooking appliances; authorized issues of candles and matches; for furnishing heat and light for the authorized allowance of quarters for officers, enlisted men, and warrant officers, including retired enlisted men when ordered to active duty, contract surgeons when stationed at and occupying public quarters at military posts, officers of the National Guard attending service and garrison schools, and for recruits, guards, hospitals, storehouses, offices, the buildings erected at private cost, in the operation of the act approved May 31, 1902, and buildings for a similar purpose on military reservations authorized by War Department regulations; for sale to officers, and including also fuel and engine supplies required in the

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Regular Supplies of the Army—Continued. operation of modern batteries at established posts; for post bakeries, including bake ovens and apparatus pertaining thereto and the repair thereof; for ice machines and their maintenance where required for the health and comfort of the troops and for ice for issue to organizations of enlisted men and offices at such places as the Secretary of War may determine, and for preservation of stores; for cold storage; for the construction and maintenance of laundries at military posts in the United States and its island possessions; authorized issues of soap, toilet paper, and towels; for the necessary furniture, textbooks, paper, and equipment for the post schools and libraries, and for schools for noncommissioned officers; for the purchase and issue of instruments, office furniture, stationery, and other authorized articles for the use of officers' schools at the several military posts; for purchase of commercial newspapers, market reports, and so forth; for the tableware and mess furniture for kitchens and mess halls, each and all for the enlisted men, including recruits; for forage, salt, and vinegar for the horses, mules, oxen, and other draft and riding animals of the Quartermaster Corps at the several posts and stations and with the armies in the field, for the horses of the several regiments of Cavalry and batteries of Artillery and such companies of Infantry and Scouts as may be mounted, and for remounts and for the authorized number of officers' horses, including bedding for the animals; for seeds and implements required for the raising of forage at remount depots and on military reservations in the Hawaiian, Philippine, and Panama Canal Departments, and for labor and expenses incident thereto, including, when specifically authorized by the Secretary of War, the cost of irrigation; for the purchase of implements and hire of labor for harvesting hay on military reservations; for straw for soldiers' bedding, stationery, typewriters and exchange of same, including blank books and blank forms for the Army, certificates for discharged soldiers, and for printing department orders and reports, [$12,936,034] *$12,600,000*, of which amount not exceeding [$2,500,000] *$3,000,000* shall be available immediately for the procurement of fuel for the service of the fiscal year [1928] *1929* (*U. S. C., p. 172, sec. 72; act Feb. 23, 1927, vol. 44, p. 1112*)	$12,600,000.00	$12,936,034.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $3,000 to $3,600; average, $3,300—						
Ice and refrigeration plant operator	1	$3,500	1	$3,400	1	$3,400
Steam maintenance mechanic	1	3,000	1	3,000	1	3,000
Salary range, $2,700 to $3,300; average, $3,000—						
Heating and power plant operator	6	2,917	6	2,773	6.5	2,837
Ice and refrigeration plant operator	2	2,750	2	2,690	2	2,690
Salary range, $2,400 to $3,000; average, $2,700—						
Electrician	3	2,696	3	2,616	3	2,616
Heating plant operator	6	2,657	6	2,480	6	2,530
Linotype operator	1	2,640	1	2,640	1	2,640
Printing plant foreman	3	2,480	3	2,480	3	2,480
Chief engineman	1	2,400	1	2,400	1	2,400
Salary range, $2,100 to $2,700; average, $2,400—						
Steam fitter	3	2,370	3	2,370	3	2,370
Ice and refrigerating plant operator	2	2,360	2	2,280	2	2,280
Electrician	9	2,313	9	2,313	8.3	2,285
Heating plant operator	11	2,276	11	2,209	11	2,209
Linotype operator	1	2,250	1	2,250	1	2,250
Printing plant superintendent	1	2,240	1	2,240	1	2,240
Printer	1	2,100	1	2,100	1	2,100
Typewriter repairman	1	2,100	1	2,100	1	2,100
Salary range, $1,860 to $2,400; average, $2,100—						
Lineman	3	2,060	3	2,060	3	2,040
Foreman printer	1	2,040	1	2,040	1	2,040
Printer	2	2,040	2	2,040	2	2,040
Pressman	1	2,040	1	2,040	1	2,040
Linotype operator	1	2,040	1	2,040	1	2,040
Ice and refrigeration plant operator	4	2,040	4	2,007	4	2,007
Blacksmith	1	2,040	1	2,040	1	2,040
Electrician	31	2,000	31	1,996	31	1,989
Typewriter repairman	4	2,000	4	2,000	4	2,000
Mechanic	3	1,960	3	1,960	3	1,960
Heating plant operator	11	1,936	11	1,936	11	1,942
Steam fitter	7	1,928	7	1,919	7	1,919
Elevator mechanic	2	1,920	2	1,920	2	1,990
Salary range, $1,680 to $2,040; average, $1,860—						
Foreman printer	4	1,815	4	1,815	4	1,815
Steam fitter	8	1,803	8	1,785	8	1,837
Printer	1	1,800	1	1,800	1	1,800
Ice and refrigeration plant operator	7	1,800	7	1,800	7	1,800
Lineman	1	1,800	1	1,800	1	1,800
Gas fitter	1	1,800	1	1,800	1	1,800
Electrician	34	1,799	34	1,788	34	1,786
Typewriter repair man	5	1,784	5	1,784	5	1,784
Heating plant operator	25.9	1,772	25.9	1,761	26.1	1,736
Mechanic	1	1,740	1	1,740	1	1,740
Labor foreman			1	1,740	1	1,740
Lighting plant operator	3	1,720	3	1,720	3	1,720
Heating plant fireman	1	1,680	1	1,680	1	1,680
Heating plant water tender	2.7	1,659	2.7	1,659	2.7	1,659

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), data of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Regular Supplies of the Army—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average—		*Average—*		*Average—*	
Field service—Continued.	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salaries and wages—Continued.						
Salary range, $1,500 to $1,860; average, $1,680—						
Lighting plant operator	2	$1,680	2	$1,680	2	$1,530
Printer	4	1,670	4	1,670	4	1,670
Typewriter repair man	2	1,640	2	1,640	2	1,640
Linotype operator	2	1,640	2	1,640	2	1,640
Heating plant operator	5	1,632	5	1,632	5	1,548
Steam fitter	8	1,627	8	1,618	9	1,607
Lineman	1	1,620	1	1,620	1	1,620
Heating plant fireman	44	1,560	44	1,557	42	1,560
Electrician	6	1,543	6	1,543	7	1,554
Ice and refrigeration plant operator	8	1,500	8	1,500	7	1,474
Pressman	1	1,500	1	1,500	1	1,500
Salary range, $1,320 to $1,680; average, $1,500—						
Lighting plant operator	1	1,460	1	1,460	1	1,460
Heating plant operator	9	1,442	9	1,442	9.7	1,437
Electrician	3	1,400	5	1,416	5	1,512
Steam fitter	5	1,440	5	1,440	5	1,440
Proof reader	1	1,440	1	1,440	1	1,440
Heating plant fireman	36.4	1,382	36.4	1,383	37.1	1,382
Ice and refrigeration plant operator	3	1,353	3	1,353	3	1,353
Coal passer	2	1,350	2	1,350	2	1,350
Salary range, $1,140 to $1,500; average, $1,320—						
Typewriter repair man	5	1,356	4	1,370	6	1,360
Press feeder	1	1,320	1	1,320	1	1,320
Mechanic	2	1,320	2	1,320	2	1,200
Heating plant coal passer	13	1,283	13	1,283	13	1,283
Steam fitter	2	1,280	2	1,280	2	1,280
Proof reader	1	1,240	1	1,240	1	1,240
Heating plant fireman	20.6	1,236	21.6	1,230	21.1	1,230
Laborer	8	1,212	8	1,212	8	1,212
Ice and refrigeration plant operator	4	1,200	4	1,200	4	1,200
Electrician	2	1,200	2	1,200	2	1,200
Gas engineer	1.5	1,140	1.5	1,140	1.5	1,140
Ice puller	1	1,140	1	1,140	1	1,140
Salary range, $1,020 to $1,260; average, $1,140—						
Heating plant fireman	11.5	1,071	12.7	1,069	14.5	1,070
Salary range, $900 to $1,140 average, $1,020—						
Oiler and wiper	1	1,080	1	1,080	1	1,080
Laborer	6	988	6	988	6	988
Heating plant fireman	0.4	960	0.4	960	0.4	960
Salary range, $780 to $1,020; average, $900—						
Copyholder	1	900	1	900	1	900
Foreman printer	1	840	1	840	1	840
Foreman	2	840	2	840	2	840
Salary range, $600 to $780; average, $690—						
Laborer	1	780	1	780	1	780
Fireman	3	720	3	720	3	720
Foreman	2	720	2	720	2	720
Assistant foreman printer	1	660	1	660	1	660
Typewriter repair man					1	660
Electrician	4	600	4	600	4	600
Assistant engineer	9	600	9	600	10	600
Pressman	1	600	1	600	1	600
Compositor	4	550	4	550	4	580
Proof reader	1	500	1	500	1	500
Salary range, $420 to $600; average, $510—						
Ash handler and coal passer	1.8	576	1.8	576	1.8	576
Foreman	1	540	1	540	1	540
Mechanic	1	540	1	540	1	540
Electrician	1	540	1	540	1	540
Switchboard man	3	480	3	480	3	480
Engineer	6	470	6	470	6	470
Fireman	10	420	10	420	13	420
Watch engineer	2	420	2	420	2	420
Water tender					3	420
Lineman	1	420	1	420	1	420
Salary range, $240 to $420; average, $330—						
Oiler	7	368	7	367	12	365
Fireman	5	360	5	360	5	360
Engineer	3	360	3	360	3	360
Machinist	1	360	1	360	1	360
Electrician	1	360	1	360	1	360
Ice and refrigeration plant operator	5	300	5	300		
Watch engineer	1	300	1	300	1	300
Laborer	17	287	17	287	40	296
Ice puller	6	270	6	270	6	270
Salary range, $60 to $240; average, $150—						
Foreman	1	240	1	240	1	240
Assistant engineer	2	217	2	217	2	217
Fireman	3	140	3	140	3	140
Laborer	10	106	10	106	10	106
Total average number of employees	560.8		565		599.7	
Total salaries and wages, field service		802,162		803,166		818,389
The difference between 1929 and 1928 is due to—						
Decrease in force $2,953; transferred other appropriations $2,700	$5,653					
Increase in salaries	4,649					
Net decrease	1,004					
Deduct allowance value of quarters, subsistence, etc., furnished		15,288		14,892		15,612
01 Cash payment, salaries and wages		786,874		788,274		802,777

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Regular Supplies of the Army—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Supplies and materials:			
0200	Stationery, including blank books and blank forms	$200,000	$146,380	$88,599
0200	Books for post schools and libraries, officers' and noncommissioned officers' schools	1,200	1,200	1,125
0200	Stationery for post schools and libraries, officers' and noncommissioned officers' schools	1,170	1,170	400
0220	Instruction supplies, Quartermaster Corps School	3,095	4,220	2,610
0220	Newspapers and periodicals, except for post libraries, and market reports	2,500	2,200	3,174
0230	Illuminating supplies for oil lamps and lanterns	3,500	3,000	4,062
0230	Fuel in kind	3,279,349	3,676,875	3,820,184
0250	Forage, including salt, vinegar, and bedding	4,353,362	4,796,822	4,488,446
0280	Candles and matches	5,690	7,844	8,831
0280	Incandescent lamps and parts therefor	65,791	70,487	69,021
0280	Appliances for handling and preparation of fuel	14,986	13,507	6,312
0280	Operating supplies for modern batteries, lighting and heating plants and ice and refrigerating plants	67,000	67,000	33,745
0280	Ice for issue to offices and organizations	127,417	100,000	115,452
0280	Implements, seeds, and other expenses for raising forage at remount depots and military reservations in Hawaii, Philippine Islands, and Panama	25,000	90,000	97,044
6280	Picket rope, blacksmiths' and farriers' tools for issue	6,000	5,000	3,340
0280	Tools, carpenters' and saddlers' sets for issue to organizations	8,000	5,340	1,816
0280	Soap, issue	121,204	80,000	80,622
0280	Toilet paper, towels, and paper drinking cups for issue to offices	39,508	20,000	32,591
02	Total supplies and materials	8,324,772	9,091,045	8,857,274
08	Printing, including certificates for discharged soldiers	51,000	43,000	42,892
	Furnishing of heat, light, power, water, and electricity (service):			
1000	Heat	48,000	48,000	49,143
1010	Electric current for light	764,898	764,898	767,545
1020	Electric power service	177,291	170,000	153,687
1080	Maneuvers	1,250		
10	Total furnishing of heat, light, power, water, and electricity (service)	991,439	982,898	970,375
	Repairs and alterations:			
1200	Post bakeries, ice plants, and laundries, maintenance and repair of buildings	100,000	65,000	68,755
1200	Heating apparatus (other than stoves), maintenance and repair	600,000	584,125	302,180
1250	Reservation fences, maintenance and repair	30,000	15,000	16,721
1280	Coffee rosaters, field ranges, rolling kitchens, bake ovens and apparatus, and appliances for cooking and serving food, maintenance and repair	27,382	25,000	20,787
1280	Laundry machinery, maintenance and repair	50,000	30,000	27,150
1280	Plant equipment, boiler and refrigeration, maintenance and repair	200,000	184,100	145,074
1280	Electric power equipment, including substations, maintenance and repair	100,000	80,000	48,619
1280	Warehousing equipment, maintenance and repair	13,000	10,000	270
1290	Electric wiring and fixtures in structures, transmission, distribution, and street-lighting systems (when not otherwise provided for), maintenance and repair	412,000	411,814	237,791
1290	Gas distributing systems and apparatus, including piping in buildings, maintenance and repair	20,000	20,000	10,403
12	Total repairs and alterations	1,552,382	1,425,039	877,750
	Special and miscellaneous current expenses:			
1350	Cold storage	33,240	33,240	29,215
1375	Removal of garbage	8,167	7,690	9,372
1380	Care and protection of regular supplies	187,907	104,200	73,572
1380	Typewriters, exchange and repair of, except for branches whose appropriations provide therefor	50,000	20,000	19,950
1380	Shoeing of horses and mules	112,993	172,787	61,621
13	Total special and miscellaneous current expenses	392,307	337,917	193,730

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Regular Supplies of the Army—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Equipment:			
3010	Ranges and cooking stoves and parts therefor	$87,949	$92,614	$63,186
3010	Coffee roasters, field ranges, rolling kitchens, bake ovens and apparatus, and appliances for cooking and serving food, purchase of	30,164	35,800	18,249
3010	Mess furniture and equipment, including tableware	72,779	48,400	16,425
3010	Commissary chests and issue outfits	7,625		1,928
3010	Office furniture and filing equipment, except for branches whose appropriations provide therefor	24,000	19,710	35,877
3010	Furniture and equipment for post schools and libraries, officers' and noncommissioned officers' schools	1,000	1,007	5,400
3050	Heating stoves and parts thereof	55,980	58,330	36,102
3057	Laundry machinery, purchase of	50 000	12,000	13,576
30	Total equipment	329,497	267,861	190,743
				11,935,541
	Unobligated balance			28,850
	Total	12,600,000	12,936,034	11,964,391

Clothing and Equipage—

Clothing and equipage: For cloth, woolens, materials, and for the purchase and manufacture of clothing for the Army, including retired enlisted men when ordered to active duty, for issue and for sale; for payment of commutation of clothing due to warrant officers of the Mine Planter Service and to enlisted men; for altering and fitting clothing and washing and cleaning when necessary; for operation of laundries; for the authorized issues of laundry materials for use of general prisoners confined at military posts without pay or allowances, and for applicants for enlistment while held under observation; for equipment and repair of equipment of dry-cleaning plants, salvage and sorting storehouses, hat repairing shops, shoe repair shops, clothing repair shops, and garbage reduction works; for equipage, including authorized issues of toilet articles, barbers' and tailors' materials, for use of general prisoners confined at military posts without pay or allowances and applicants for enlistment while held under observation; issue of toilet kits to recruits upon their first enlistment, and issue of housewives to the Army; for expenses of packing and handling and similar necessaries; for a suit of citizen's outer clothing and when necessary an overcoat, the cost of all not to exceed $30, to be issued to each soldier discharged otherwise than honorably, to each enlisted man convicted by civil court for an offense resulting in confinement in a penitentiary or other civil prison, and to each enlisted man ordered interned by reason of the fact that he is an alien enemy, or, for the same reason, discharged without internment; for indemnity to officers and men of the Army for clothing and bedding, and so forth, destroyed since April 22, 1898, by order of medical officers of the Army for sanitary reasons, [$6,571,995] *$6,400,000*, of which amount not exceeding [$60,000] *$36,000* shall be available immediately for the procurement of fuel for the service of the fiscal year [1928] *1929* (*U. S. C., p. 172, sec. 72; p. 199, sec. 831; act Feb. 23, 1927, vol. 44, p. 1113*) ..... $6,400,000.00 | $6,571,995.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $3,800 to $5,000; average, $4,400—						
Laundry superintendent	2	$4,000	2	$4,000		
Salary range, $3,300 to $3,900; average, $3,600—						
Supervising inspector of textile equipment	1	3,600	1	3,600	1	$3,600
Laundry superintendent	2	3,600	2	3,600		
Salary range, $3,000 to $3,600; average, $3,300—						
Clothing designer			1	3,300	1	3,100
Laundry superintendent	4	3,350	4	3,350	5	3,360
Supervising shoe inspector	1	3,000	1	3,000	1	3,000
Chief textile inspector	1	3,100	1	3,100	1	3,009
Salary range, $2,700 to $3,300; average, $3,000—						
Laundry superintendent	6.5	2,080	6.5	2,980	9.8	2,989
Chief musical instrument inspector	1	2,900	1	2,900	1	2,718
Inspector of textiles	2	2,700	2	2,700	1.5	2,700
Salary range, $2,100 to $3,000; average, $2,700—						
Laundry superintendent	2	2,700	2	2,700	2	2,700
Laundry operator	1	2,600	1	2,600	1	2,600
Inspector of textiles	1	2,500	1	2,500	1	2,500

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Clothing and Equipage—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average—		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Field service—Continued.						
Salaries and wages—Continued.						
Salary range, $2,100 to $2,700; average, $2,400—						
Laundry superintendent	10	$2,400	10	$2,400	7.7	$2,400
Laundry operator	2	2,280	2	2,280	2	2,280
Inspector of clothing	1	2,300	1	2,300	1	2,300
Inspector of miscellaneous articles	1	2,300	1	2,300	1	2,300
Inspector of textiles	2	2,250	2	2,250	2	2,250
Salary range, $1,860 to $2,400; average, $2,100—						
Laundry superintendent	3	1,980	3	1,980	3	1,980
Laundry operator	10.9	2,053	10.9	2,053	10.9	2,053
Inspector of textile equipment	1	1,860	1	1,860	1	1,860
Inspector of clothing	10	1,938	10	1,936	10.6	1,920
Inspector of textiles	5	2,052	5	2,052	5	2,052
Inspector of shoes and leather	11	2,000	11	2,000	11	2,000
Inspector of rubber	2	1,930	2	1,930	2	1,930
Salary range, $1,680 to $2,040; average, $1,860—						
Laundry superintendent	9	1,800	9	1,800	9	1,800
Laundry operator	35.1	1,770	36.1	1,769	33.8	1,771
Inspector of hats	1	1,860	1	1,860	1	1,860
Inspector of miscellaneous articles	3	1,860	3	1,860	3	1,860
Inspector of musical instruments	2	1,860	2	1,860	2	1,860
Salary range, $1,500 to $1,860; average, $1,680—						
Laundry operator	17.2	1,652	17.2	1,652	17.2	1,652
Inspector of shoes	3.7	1,500	3.7	1,500	3.7	1,500
Mechanical draftsman	1	1,800	1	1,800	1	1,800
Salary range, $1,320 to $1,680; average, $1,500—						
Laundry operator	65.8	1,462	66.8	1,462	65	1,464
Salary range, $1,140 to $1,500; average, $1,320—						
Laundry operator	55.2	1,259	64.2	1,259	60	1,260
Salary range, $1,020 to $1,260; average, $1,140—						
Laundry operator	52.3	1,107	52.3	1,107	52.3	1,107
Salary range, $900 to $1,140; average, $1,020—						
Laundry operator	86.1	994	86.1	994	82.1	993
Salary range, $780 to $1,020; average, $900—						
Laundry operator	233.3	859	234.3	859	227.2	858
Salary range, $600 to $780; average, $690—						
Laundry operator	304.3	711	304.3	707	303.8	707
Salary range, $420 to $600; average, $510—						
Laundry operator	230.4	511	230.4	507	227.4	506
Salary range, $240 to $420; average, $330—						
Laundry operator	165.2	388	165.2	388	165.2	388
Salary range, $168 to $240; average, $204—						
Laundry operator	87.1	216	87.1	216	87.1	216
Total average number of employees	1,435.1		1,448.1		1,423.3	
Total salaries and wages, field service		1,251,471		1,268,234		1,235,720
The difference between 1929 and 1928 is due to—						
Transfer of clothing designer to appropriation "Salaries, office of Quartermaster General" $3,300						
Transfer of laundry operator to appropriation, "Incidental expenses" 1,740						
Transfer of laundry operator to appropriation, "Incidental expenses," 1,500						
Decrease in force of laundry operatives 10,223						
Total decrease 16,763						
Deduct allowance for subsistence, lodging, etc., furnished		6,224		6,224		5,524
Cash payment, salaries and wages		1,245,247		1,262,010		1,230,196
Payment of clothing allowance to enlisted men on discharge		1,930,653		1,654,157		2,725,790
01 Total personal services, including clothing allowance		3,175,900		2,916,167		3,955,986
Supplies and materials:						
0205 Issue of laundry materials for applicants for enlistment while under observation		20		20		10
0205 Issue of laundry materials for general prisoners confined at posts without pay or allowances		20		20		11
0240 Clothing for enlisted men, warrant officers, and Army nurses, including raw materials for the manufacture of same		2,246,840		2,547,423		1,764,346
0240 Citizen's outer clothing to cost not exceeding $30 to be issued to soldiers discharged otherwise than honorably		116,600		137,500		101,605
0280 Toilet articles, barber's and tailor's materials, including housewives' and toilet kits		8,550		8,550		1,667
0284 Badges, medals, trophies, etc		14,470		20,459		380
02 Total supplies and materials		2,386,500		2,713,972		1,868,019
Repairs and alterations:						
1290 Altering, fitting, cleaning, and repairing clothing, including purchase of tools, machinery, findings, etc		23,934		25,936		23,937
1290 Overhauling, cleaning, and repair of articles of textile and leather		36,968		36,109		60,185
12 Total repairs and alterations		60,902		62,045		84,122

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Clothing and Equipage—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Special and miscellaneous current expenses:			
1373	Supplies for operation of laundries, including work performed under contract	$342,720	$390,934	$281,513
1380	Experimental purposes	2,250	14,640	6,025
1380	Packing and handling of clothing and equipage	39,226	40,000	44,371
13	Total special and miscellaneous current expenses	384,205	445,574	331,909
	Equipment:			
3010	Textile equipment, such as tents, paulins, bed sheets, pillowcases, mattress covers, etc., including raw materials for the manufacture of same	155,757	147,132	33,150
3030	Personal equipment, including raw materials for the manufacture of same	26,320	813	4,460
3050	Miscellaneous articles of equipage not otherwise listed	138,396	206,292	166,818
3050	Musical instruments, including spare parts, repairs and sheet music for bands	72,020	80,000	27,972
30	Total equipment	392,493	434,237	232,400
				6,472,436
	Unobligated balance			29,480
	Total	6,400,000	6,571,995	6,501,916

Incidental Expenses of the Army—

Incidental expenses of the Army: Postage; hire of laborers in the Quartermaster Corps, including the care of officers' mounts when the same are furnished by the Government; compensation of clerks and other employees of the Quartermaster Corps, and clerks, foremen, watchmen, and organist for the United States disciplinary barracks, and incidental expenses of recruiting; for the operation of coffee-roasting plants; for payment of entrance fees for Army rifle and pistol teams participating in competitions; for tests and experimental and development work and scientific research to be performed by the Bureau of Standards for the Quartermaster Corps; for lecture fees at the Army Music School and such additional expenditures as are necessary and authorized by law in the movements and operation of the Army and at military posts, and not expressly assigned to any other department (*U. S. C., p. 172, sec. 72; act Feb. 23, 1927, vol. 44, p. 1113*) — $3,617,000.00 — $3,626,724.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—	*Average—*		*Average—*		*Average—*	
Professional and scientific service—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate patent examiner			1	$3,100	1	$3,100
Clerical, administrative, and fiscal service—						
Grade 8, $2,700 to $3,300; average, $3,000—						
Assistant investigator			1	3,000	1	3,000
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant			1	2,700	1	2,700
Grade 6, $2,100 to $2,700; average, $2,400—						
Transportation, rate, and traffic auditor			2	2,300	2	2,300
Grade 5, $1,860 to $2,400; average, $2,100—						
Senior office draftsman			1	1,600	1	1,600
Total average number of employees			6		6	
01 Total salaries, departmental service				15,000		15,000
The difference between 1929 and 1928 is due to the transfer in 1929 of 6 employees, $15,000, to the item "Salaries, office of the Quartermaster General."						
Field service:						
Salaries and wages—						
Salary range, $3,000 to $3,600; average, $3,300—						
Executive assistant	1	3,600	1	3,600	1	3,600
Clerk	1	3,300	1	3,300	1	3,300
Salary range, $2,700 to $3,300; average, $3,000—						
Clerk	5	2,980	2	3,000	2	3,000
Salary range, $2,400 to $3,000; average, $2,700—						
Clerk	13	2,719	11	2,712	11	2,712
Inspector	3	2,700	4	2,700	4	2,700
Technical expert	3	2,700	3	2,700	3	2,700
Agent	1	2,600				

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Incidental Expenses of the Army—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average—		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Field service—Continued.						
Salaries and wages—Continued.						
Salary range, $2,100 to $2,700; average, $2,400—						
Agent			1	$2,300	1	$2,300
Interpreter	1	$2,400				
Chemist	3	2,400	3	2,400	3	2,400
Executive assistant	1	2,400	1	2,400	1	2,400
Warehouseman	2	2,400	2	2,350	2	2,350
Clerk	63	2,387	64	2,395	63	2,395
Inspector	3	2,367	5	2,400	5	2,400
Cashier	1	2,340				
Storekeeper	1	2,300				
Salary range, $1,860 to $2,400; average, $2,100—						
Translator	2	2,150				
Investigator	1	2,100	1	2,100	1	2,100
Clerk	100	2,094	102	2,105	101	2,105
Inspector	4	2,075	4	2,110	4	2,110
Superintendent	2	2,070	7	2,128	7	2,128
Storekeeper	4	2,055	5	2,056	5	2,056
Warehouseman	2	2,050				
Buyer	1	2,040				
Foreman warehouse	1	1,980				
Salary range, $1,680 to $2,040; average, $1,860—						
Stock keeper	1	1,920	1	1,860	1	1,860
Foreman	2	1,890	2	1,800	2	1,800
Foreman packer	3	1,880	3	1,780	3	1,780
Superintendent	3	1,873	1	1,840	1	1,840
Inspector	17	1,871	17	1,867	17	1,867
Clerk	103	1,867	100	1,865	100	1,865
Foreman laborer	2	1,860	1	1,860	1	1,860
Foreman coffee roaster	1	1,860	1	1,860	1	1,860
Draftsman	1	1,860	2	1,800	2	1,800
Forage master	1	1,860	2	1,800	2	1,800
Investigator	1	1,860				
Warehouseman	7	1,849	3	1,840	3	1,840
Battery man	1	1,840	1	1,840	1	1,840
Storekeeper	8	1,833	6	1,840	6	1,840
Guard	2	1,820				
Mechanic	4	1,801	5	1,859	5	1,859
Translator	1	1,800				
Blacksmith-machinist	1	1,800	1	1,980	1	1,980
Dispatcher	3	1,740	3	1,740	3	1,740
Warehouse foreman			4	1,900	4	1,900
Packer			3	1,860	3	1,860
Salary range $1,500 to $1,860; average, $1,680—						
Electrician	2	1,740	2	1,740	2	1,740
Truckmaster	1	1,740	1	1,740	1	1,740
Warehouse foreman	1	1,740	1	1,740	1	1,740
Draftsman	1	1,740				
Foreman laborer	2	1,710	3	1,720	3	1,720
Inspector	5	1,704	5	1,704	5	1,704
Warehouseman	4	1,700	4	1,700	4	1,700
Superintendent	2	1,690	4	1,660	4	1,660
Operator, crane	2	1,686				
Packer	15	1,685	14	1,680	14	1,680
Checker	5	1,680	5	1,680	5	1,680
Receiver	1	1,680	1	1,680	1	1,680
Sawyer	1	1,680	1	1,680	1	1,680
Clerk	157	1,674	160	1,680	158	1,680
Storekeeper	11	1,668	10	1,674	10	1,674
Guard	1	1,640				
Watchman	4	1,640	4	1,640	4	1,640
Mechanic	1	1,640	2	1,590	2	1,590
Translator	1	1,620				
Laborer			2	1,676	2	1,676
Salary range, $1,320 to $1,680; average, $1,500—						
Stock keeper	1	1,590	1	1,590	1	1,590
Warehouse foreman	2	1,530	2	1,530	2	1,530
Carpenter	2	1,515	2	1,515	2	1,515
Blacksmith	2	1,500	2	1,530	2	1,530
Librarian	1	1,500	1	1,500	1	1,500
Laboratory man	1	1,500	1	1,500	1	1,500
Translator	1	1,500	1	1,500	1	1,500
Laborer	10	1,496	20	1,431	20	1,431
Packer	23	1,487	27	1,482	27	1,482
Clerk	332	1,485	329	1,481	328	1,479
Foreman	2	1,470	3	1,560	3	1,560
Foreman laborer	13	1,469	13	1,488	13	1,488
Foreman packer	8	1,469				
Watchman	9	1,467	11	1,469	11	1,469
Operator	4	1,455	4	1,455	4	1,455
Checker	17	1,454	16	1,462	16	1,462
Storekeeper	15	1,452	16	1,462	16	1,462
Guard	5	1,440	10	1,528	10	1,528
Battery man	2	1,440	2	1,440	2	1,440
Caretaker	1	1,440	1	1,440	1	1,440
Electricians' helper	1	1,440	1	1,440	1	1,440
Elevator mechanics' helper	1	1,440	1	1,440	1	1,440
Forage master	1	1,440	1	1,440	1	1,440
Inspector	2	1,440	2	1,440	2	1,440
Machinist	1	1,440	1	1,440	1	1,440
Marker	1	1,440	1	1,440	1	1,440
Nurse	2	1,440	2	1,440	2	1,440
Superintendent	1	1,440	1	1,440	1	1,440
Timekeeper	1	1,440	1	1,440	1	1,440
Warehouseman	5	1,440	7	1,422	7	1,422

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Incidental Expenses of the Army—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service—Continued.						
Salaries and wages—Continued.	*Average—*		*Average—*		*Average—*	
Salary range, $1,140 to $1,500; average, $1,320—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Conductor, elevator	1	$1,366				
Balemaker	1	1,336	1	$1,336	1	$1,336
Clerk	147	1,322	158	1,305	158	1,305
Superintendent	1	1,320	1	1,320	1	1,320
Storekeeper	9	1,314	9	1,298	9	1,298
Operator	9	1,297	15	1,320	15	1,320
Guard	32	1,295	36	1,291	36	1,291
Laborer	89	1,295	80	1,272	80	1,270
Watchman	100	1,278	88	1,266	88	1,266
Messenger	10	1,274	16	1,250	16	1,250
Warehouseman	5	1,272	4	1,260	4	1,260
Checker	15	1,268	24	1,314	24	1,314
Packer	76	1,266	82	1,261	82	1,260
Clerk, minor	1	1,260				
Foreman packer	1	1,260	1	1,260	1	1,260
Marker	1	1,260	1	1,260	1	1,260
Foreman	8	1,252	8	1,247	8	1,247
Janitor	2	1,240				
Salary range, $1,020 to $1,260; average, $1,140—						
Foreman	2	1,200				
Translator	1	1,200				
Janitor	3	1,180	8	1,185	8	1,185
Operator	8	1,178	5	1,165	5	1,165
Laborer	143	1,165	261	1,125	261	1,125
Messenger	23	1,169	23	1,140	23	1,140
Storekeeper	2	1,167	2	1,155	2	1,155
Clerk	39	1,167	28	1,170	28	1,170
Checker	3	1,160	4	1,170	4	1,170
Watchman	4	1,155	38	1,208	38	1,208
Guard	11	1,143	11	1,142	11	1,142
Clerk, minor	1	1,140				
Packer	112	1,097	7	1,140	7	1,140
Warehouse foreman	1	1,080				
Electric helper	1	1,080				
Superintendent			1	1,200	1	1,200
Interpreter			2	1,140	2	1,140
Salary range, $900 to $1,140; average, $1,020—						
Fireman	1	1,080	1	1,080	1	1,080
Porter	1	1,080	1	1,080	1	1,080
Clerk	1	1,080				
Translator			1	1,080	1	1,080
Warehouse foreman			1	1,080	1	1,080
Checker	1	1,060				
Messenger	4	1,056				
Watchman	42	1,029	43	958	43	958
Foreman	1	1,020	1	1,020	1	1,020
Janitor	13	1,011	13	1,006	13	1,006
Laborer	40	1,011	47	1,044	47	1,044
Electrician helper			1	1,020	1	1,020
Storekeeper			2	870	2	870
Salary range, $780 to $1,020; average, $900—						
Porter	1	960	1	960	1	960
Translator	1	960	2	930	2	930
Messenger	7	918	8	933	8	933
Examiner	7	900	7	900	7	900
Laborer	103	900	128	896	128	896
Groom	2	900	2	840	2	840
Checker	3	880	3	860	3	860
Scavenger	3	880				
Clerk	8	878	10	838	10	838
Janitress	4	860	4	858	4	858
Watchman	9	856				
Draftsman	1	840	1	840	1	840
Folder	1	840	1	840	1	840
Foreman	3	840	4	840	4	840
Porteress	1	840	5	840	5	840
Trainer	2	840	1	840	1	840
Charwoman	4	840	6	814	6	814
Salary range, $600 to $780; average, $690—						
Laborer	122	780	103	762	103	752
Scavenger	5	752	3	713	3	713
Translator	2	750				
Charwoman	8	743	6	736	6	736
Copyist	3	740	2	780	2	780
Messenger	7	716	7	694	7	694
Janitor	5	702	6	665	6	665
Clerk	11	688	3	660	3	660
Checker	7	685	6	671	6	671
Timekeeper	1	660	1	660	1	660
Foreman	3	640	3	640	3	640
Foreman assistant	1	600				
Caretaker			1	720	1	720
Overseer			1	675	1	675
Janitress	1	660				
Salary range, $420 to $600; average, $510—						
Overseer	1	570				
Charwoman	16	569	12	576	12	576
Doorman	1	540				
Copyist	7	530	5	538	5	538
Clerk	35	481	40	491	40	491
Messenger	1	480	1	480	1	480

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927		Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Incidental Expenses of the Army—Continued.								
	Average—		*Average—*		*Average—*			
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*		
Field service—Continued.								
Salaries and wages—Continued.								
Salary range, $420 to $600; average, $510—Con.								
Janitor	2	$480						
Interpreter	1	476	1	$476	1	$476		
Foreman	12	457	13	468	13	468		
Butcher	1	450	1	450	1	450		
Capataz	1	420	2	480	2	480		
Salesman	5	434	5	433	5	433		
Checker	4	420						
Laborer	48	480	51	529	51	529		
Translator			1	480	1	480		
Salary range, $240 to $420; average, $330—								
Salesman	2	360	2	360	2	360		
Warehouseman	1	360	1	360	1	360		
Clerk	24	328	19	342	19	342		
Messenger	8	320	3	340	3	340		
Caretaker	3	320	3	330	3	330		
Butcher	2	315	1	390	1	390		
Checker	3	310	7	364	7	364		
Capataz	1	300	1	300	1	300		
Copyist	1	300	1	300	1	300		
Translator	1	300	1	300	1	300		
Laborer	123	300	130	284	130	284		
Charwomen	2	270	3	308	3	308		
Teacher	2	267	5	307	5	307		
Janitor	9	258	1	375	1	375		
Interpreter			1	360	1	360		
Winch tender			1	360	1	360		
Foreman	1	240						
Salary range, less than $240—								
Laborer	21	165	47	166	47	166		
Teacher	5	160						
Janitor	16	159	13	155	13	155		
Storekeeper	2	126						
Translator	1	120	1	120	1	120		
Janitress	1	100						
Messenger	3	82	5	126	5	126		
Charwoman	1	60	1	49	1	49		
Watchman	3	60	3	56	3	56		
Gatekeeper	1	49	1	49	1	49		
Total average number of employees	2,739		2,805		2,800			
Total salaries and wages, field service		3,428,988		3,490,786		3,479,406		
The difference between 1929 and 1928 is due to—								
Increase by transfer from other appropriations $12,800								
Decrease, transfer to other appropriations $10,200								
Decrease in force 64,398								
74,598								
Net decrease 61,798								
Deduct allowances for subsistence, lodging, etc		14,386		14,386		14,386		
Net salaries and wages, field service		3,414,602		3,476,400		3,465,022		
01 Total personal services		3,414,602		3,491,400		3,480,022		
05 Postage		5,900		5,900		6,041		
Special and miscellaneous current expenses:								
1380 Incidental expenses of recruiting		63,750		56,876		47,849		
1380 Additional expenditures as are necessary and authorized by law in the movement and operation of the Army, and at military posts, and not expressly assigned to any other department		132,748		75,548		71,824		
13 Total special and miscellaneous current expenses		196,498		129,424		119,673		
						3,605,736		
Unobligated balance						348,053		
						3,953,789		
Deduct amounts received from miscellaneous reimbursements						24,189		
Total		3,617,000		3,626,724		3,929,600		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Army Transportation—		
Army transportation: For transportation of the Army and its supplies, including retired enlisted men when ordered to active duty; of authorized baggage, including that of retired officers, warrant officers, and enlisted men when ordered to active duty and upon relief therefrom, and including packing and crating; of recruits and recruiting parties; of applicants for enlistment between recruiting stations and recruiting depots; of necessary agents and other employees, including their traveling expenses; of dependents of officers and enlisted men as provided by law; of discharged prisoners, and persons discharged from Saint Elizabeths Hospital after transfer thereto from the military service, to their homes (or elsewhere as they may elect): *Provided*, That the cost in each case shall not be greater than to the place of last enlistment; of horse equipment; and of funds for the Army; for the purchase or construction, not exceeding [$81,000] *$62,000*, alteration, operation, and repair of boats and other vessels; for wharfage, tolls, and ferriages; for drayage and cartage; for the purchase, manufacture (including both material and labor), maintenance, hire, and repair of pack saddles and harness; for the purchase, hire, operation, maintenance, and repair of wagons, carts, drays, other vehicles, and horse-drawn and motor-propelled passenger-carrying vehicles required for the transportation of troops and supplies and for official military and garrison purposes; for purchase and hire of draft and pack animals, including replacement of unserviceable animals; for travel allowances to officers and enlisted men on discharge; to officers of National Guard on discharge from Federal service as prescribed in the act of March 2, 1901; to enlisted men of National Guard on discharge from Federal service, as prescribed in amendatory act of September 22, 1922; and to members of the National Guard who have been mustered into Federal service and discharged on account of physical disability; in all, [$14,683,253] *$17,600,000*, of which amount not exceeding [$1,000,000] *$2,000,000* shall be immediately available for the procurement and transportation of fuel for the service of the fiscal year [1928] *1929*. No money appropriated by this act shall be expended for the hire, operation, maintenance, or repair of any motor-propelled vehicle which shall be employed wholly or in part for personal, social, or similar use, except such use as is prescribed by order for the transportation of Army personnel in connection with the recreational activities of the Army. None of the funds appropriated or made available in this act shall be used for the purchase of motor-propelled freight-carrying vehicles for the Army except those that are purchased solely for experimental purposes, nor shall any of such funds be used for the purchase or exchange of more than [one hundred and twenty-five] *ten* motor-propelled passenger carrying vehicles (*at a cost not exceeding $2,500 each, including the value of a vehicle exchanged*) *and four hundred and fifty-eight such vehicles* (at a cost not to exceed $1,000 each, including the value of a vehicle exchanged) for the Army in excess of those that are purchased solely for experimental purposes (*U. S. C., p. 172, sec. 72; act Feb. 23, 1927, vol. 44, p. 1113*)	$17,600,000.00	$14,683,253.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
ANIMAL-DRAWN TRANSPORTATION						
Field service:						
Salaries and wages—	*Average*—		*Average*—		*Average*—	
Salary range, $2,400 to $3,000; average, $2,700—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Chief packer	1	$2,500	1	$2,500	1	$2,500
Salary range, $2,100 to $2,700; average, $2,400—						
Chief inspector of leather and harness	1	2,400	1	2,400	1	2,400
Assistant chief packer	1	2,300	1	2,300	1	2,300
Transportation agent					1	2,300
Salary range, $1,860 to $2,400; average, $2,100—						
Saddler	1	2,130	1	2,130	2	2,075
Superintendent of corrals	1	2,120	1	2,120	1	1,940
Superintendent of stables	1	2,100	1	2,100	1	2,040
Harnessmaker	2	2,040	2	2,040	2	2,040
Superintendent of transportation	1	2,040	1	2,040	1	2,040
Warehouseman	1	2,040	1	2,040	1	2,040
Wheelwright	1	2,020	1	2,020		
Blacksmith	1	2,020	1	2,020		
Horseshoer	1	1,980	1	1,980	1	1,980
Packmaster	3	1,932	3	1,932	3	1,884
Wagonmaster	2	1,920	2	1,920	2	1,920
Salary range, $1,500 to $1,860; average, $1,680—						
Horseshoer	3	1,780	3	1,780	3	1,760
Packmaster	4	1,752	4	1,752	4	1,704
Saddler	3	1,740	3	1,740	2	1,700
Wheelwright	3	1,733	3	1,733	4	1,725
Harnessmaker	3	1,731	3	1,731	3	1,731
Trainmaster	1	1,720	1	1,720	1	1,720
Blacksmith	12	1,718	12	1,718	8	1,762
Superintendent of transportation	3	1,700	3	1,706	3	1,653
Clerk	2	1,690	2	1,690		
Instructor	1	1,680	1	1,680	1	1,680

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Army Transportation—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
ANIMAL-DRAWN TRANSPORTATION—continued						
Field service—Continued.						
Salaries and wages—Continued.	*Average—*		*Average—*		*Average—*	
Salary range, $1,320 to $1,680; average, $1,500—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Farrier	1	$1,640	1	$1,640	1	$1,640
Cargador	3	1,632	3	1,632	3	1,584
Wagonmaster	1	1,600	1	1,600	2	1,580
Teamster	3	1,537	3	1,537	1	1,560
Trainmaster	3	1,513	3	1,513	1	1,540
Foragemaster	2	1,500	2	1,500	2	1,500
Saddler	3	1,486	3	1,486	3	1,500
Horseshoer	7	1,484	7	1,484	8	1,491
Laborer	3	1,473	3	1,473	4	1,462
Blacksmith	20	1,468	20	1,468	27	1,491
Cook	3	1,452	3	1,452		
Assistant corral boss	1	1,440	1	1,440		
Clerk	1	1,440	1	1,440	3	1,526
Corral foreman	1	1,440	1	1,440		
Harnessmaker	1	1,440	1	1,440	1	1,440
Painter	1	1,440	1	1,440	1	1,440
Stable foreman					1	1,440
Superintendent of transportation					1	1,440
Salary range, $1,140 to $1,500; average, $1,320—						
Packer	19	1,439	19	1,439	19	1,404
Wheelwright	6	1,413	6	1,413	8	1,378
Cook					3	1,404
Wagonmaster	3	1,341	3	1,341	3	1,308
Blacksmith	3	1,330	3	1,330	5	1,300
Horseshoer	2	1,326	2	1,326	1	1,284
Examiner of harness	1	1,320	1	1,320	1	1,320
Saddler					1	1,320
Stenographer	1	1,320	1	1,320		
Teamster	13	1,310	13	1,310	8	1,356
Stableman	5	1,288	5	1,288	5	1,288
Laborer	7	1,285	7	1,285	5	1,296
Trainmaster	1	1,280	1	1,280	3	1,386
Salary range, $1,020 to $1,260; average, $1,140—						
Harness maker	1	1,240	1	1,240	1	1,240
Stable foreman					1	1,200
Wagon master	1	1,180	1	1,180	2	1,160
Blacksmith	3	1,173	3	1,173	1	1,080
Corral foreman					1	1,140
Watchman	1	1,140	1	1,140		
Assistant wagon master	1	1,140	1	1,140		
Teamster	24	1,131	24	1,131	33	1,111
Laborer	10	1,115	10	1,115	10	1,115
Stableman	2	1,110	2	1,110	1	1,140
Messenger	1	1,080	1	1,080	1	1,200
Forage master	1	1,080	1	1,080	1	1,080
Salary range, $900 to $1,140; average, $1,020—						
Watchman	4	1,014	4	1,014	4	1,023
Range rider	1	960	1	960	1	960
Saddler					1	960
Wagon master	1	960	1	960	1	960
Salary range, $780 to $1,020; average, $900—						
Stableman	2	936	2	936	2	870
Teamster	38	929	38	929	48	914
Blacksmith					1	924
Salary range, $600 to $780; average, $690—						
Typist	1	780	1	780	1	780
Teamster	4	753	4	753	6	706
Corral boss					1	744
Blacksmith helper	1	720	1	720		
Stableman	3	720	3	720	3	720
Wheelwright	1	720	1	720	1	720
Laborer	3	700	3	700	4	616
Blacksmith	5	624	5	624	4	630
Foreman of laborers					1	600
Salary range, $420 to $600; average, $510—						
Clerk	1	575	1	575		
Saddler	2	510	2	510	2	510
Cook	1	480	1	480	1	480
Wheelwright	1	480	1	480	1	480
Horseshoer	2	450	2	450	2	450
Laborer					1	450
Salary range, $240 to $420; average, $330—						
Laborer	8	337	8	337	2	280
Teamster	62	323	62	323	83	269
Salary range, $60 to $240; average, $150—						
Stableman	1	240	1	240	1	240
Teamster	10	234	10	234	9	192
Laborer	16	202	16	202	9	195
Total average number of employees	381		381		410	
Total salaries and wages, field service		399,596		399,596		414,099
Deduct allowance value of quarters, subsistence, etc., furnished		22,296		22,296		17,244
01 Cash payment, salaries and wages		377,300		377,300		396,855
11 Draft and pack animals (hire)		200		200		
12 Repairs and maintenance of animal-drawn vehicles and harness		458,335		243,971		122,803

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Army Transportation—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
ANIMAL-DRAWN TRANSPORTATION—continued						
Equipment:	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
3001 Animal-drawn vehicles and spare parts, purchase of		$18,690		$15,950		$2,688
3041 Draft and pack animals, purchase of, and expenses incident thereto		326,865		239,250		
3053 Harness and horse equipment, purchase of		129,225		24,247		30,979
30 Total equipment		474,780		279,447		33,667
Total		1,310,615		900,918		553,325
WATER TRANSPORTATION						
Field service:						
Salaries and wages—						
Salary range, $3,800 to $5,000; average, $4,400—						
Master	9	4,326	9	4,326	9	4,335
Marine superintendent	2	4,200	2	4,200	2	3,975
Chief engineer	5	4,080	5	4,080	7	4,071
Salary range, $3,300 to $3,900; average, $3,600—						
Superintending engineer	3	3,666	3	3,600	3	3,600
Marine superintendent	1	3,800	1	3,600		
Chief engineer	3	3,580	3	3,580	1	3,600
Master	2	3,495	2	3,495	1	3,647
Marine engineer					1	3,600
Salary range, $3,000 to $3,600; average, $3,300—						
Master	3	3,240	3	3,240	1	3,180
Engineer	2	3,180	2	3,180	3	3,180
First officer						
Chief engineer	3	3,131	3	3,131	1	3,240
Quartermaster clerk					3	3,020
Port steward	1	3,000	1	3,000	1	3,000
Marine superintendent	1	3,000	1	3,000	1	3,000
Chief stevedore					1	3,000
Salary range, $2,700 to $3,300; average, $3,000—						
Quartermaster agent	4	2,940	4	2,940		
Quartermaster clerk					1	2,940
Master	7	2,822	7	2,822	3	2,880
Mate					1	2,880
Chief clerk	1	2,800	1	2,800	1	2,800
First officer	10	2,766	10	2,766	8	2,760
First assistant engineer	8	2,745	8	2,745	8	2,749
Chief engineer					1	2,700
Clerk	1	2,700	1	2,700		
Engineer					1	2,700
Inspector vessels and machinery	1	2,700	1	2,700	1	2,700
Chief stevedore	1	2,700	1	2,700	1	2,700
Salary range, $2,400 to $3,000; average, $2,700—						
General storekeeper	1	2,640	1	2,640		
Chief steward	5	2,640	5	2,640	6	2,640
Principal clerk	1	2,500	1	2,500		
Chief engineer	8	2,497	8	2,497	9	2,500
Traffic clerk					1	2,500
Master	18	2,482	18	2,482	14	2,489
First assistant engineer	1	2,460	1	2,460	2	2,430
Engineer	7	2,451	7	2,451	6	2,420
Second assistant engineer	10	2,418	10	2,418	10	2,442
Second officer	8	2,415	8	2,415	9	2,423
Mate	2	2,400	2	2,400	1	2,400
Pier superintendent	1	2,400	1	2,400		
Salary range, $2,100 to $2,700; average, $2,400—						
Quartermaster clerk	6	2,340	6	2,340		
Master and engineer	1	2,340	1	2,340		
First assistant engineer	1	2,310	1	2,310		
First officer	1	2,310	1	3,310		
Engineer	6	2,293	6	2,293	5	2,296
Chief engineer	5	2,286	5	2,286		
Master	2	2,280	2	2,280	4	2,445
Foreman machinist	1	2,240	1	2,240	1	2,240
Chief steward	2	2,220	2	2,220		
Assistant engineer	5	2,208	5	2,208	3	2,209
Third assistant engineer	14	2,203	14	2,203	17	2,211
Chief longshoreman	1	2,200	1	2,200		
Third officer	13	2,199	13	2,199	16	2,205
Mate	5	2,184	5	2,184	4	2,190
Clerk	6	2,133	6	2,133	5	2,180
Wharfinger	1	2,100	1	2,100		
Tug dispatcher	1	2,100	1	2,100	1	2,100
Ship material classifier					1	2,100
Salary range, $1,860 to $2,400; average, $2,100—						
Truckmaster	1	2,040	1	2,040		
Master caretaker					1	2,040
Assistant engineer	1	2,040	1	2,040		
Quartermaster clerk					8	2,040
Master	3	2,012	3	2,012	4	2,039
Third assistant engineer	1	2,010	1	2,010	2	1,890
Chief stevedore	1	2,000	1	2,000	1	1,980
Principal clerk					1	2,000
Chief cook	5	1,992	5	1,992	6	1,992
Chief engineer					4	1,987
Engineer	4	1,985	4	1,985	3	2,000
Chief steward	2	1,982	2	1,982		
Deckhand	1	1,980	1	1,980	1	1,980
Welder	1	1,953	1	1,953		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Army Transportation—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures 1928 appropriation		Expended and obligated, 1927	
WATER TRANSPORTATION—continued						
Field service—Continued.						
Salaries and wages—Continued.	*Average—*		*Average—*		*Average—*	
Salary range, $1,860 to $2,400; average, $2,100—Con.	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Steel metal worker	1	$1,953	1	$1,953		
Ship's joiner	2	1,953	2	1,953		
Quartermaster clerk embalmer	6	1,920	6	1,920	6	$1,950
Marine gas engineer	1	1,920	1	1,920	1	1,920
Checker	3	1,900	3	1,900	1	1,860
Clerk	7	1,877	7	1,877	4	1,860
Wharfinger	1	1,860	1	1,860	1	1,860
Coal inspector	1	1,860	1	1,860		
Quartermaster purveyor	1	1,860	1	1,860	1	1,860
Draftsman	1	1,860	1	1,860	1	1,860
Mate					1	1,860
Salary range, $1,680 to $2,040; average, $1,860—						
Machinist	3	1,802	3	1,802	4	1,771
Plumber	2	1,802	2	1,802		
Blacksmith	1	1,802	1	1,802		
Engineer	2	1,800	2	1,800	2	1,800
Foreman checker					1	1,800
Clerk wharfinger	1	1,800	1	1,800		
Mate	6	1,790	6	1,790	3	1,780
Assistant engineer	5	1,782	5	1,782		
Chief baker	5	1,752	5	1,752	5	1,752
Electrician	1	1,740	1	1,740		
Master	2	1,740	2	1,740	2	1,740
Checker	3	1,740	3	1,740	1	1,770
First officer	2	1,710	2	1,710		
Clerk	8	1,687	8	1,687	8	1,687
Oiler	3	1,680	3	1,680	3	1,680
Fireman	5	1,680	5	1,680	6	1,680
Storekeeper	1	1,680	1	1,680	2	1,680
Buyer	1	1,680	1	1,680		
Coal passer	1	1,680	1	1,680	1	1,680
Inspector miscellaneous supplies	1	1,680	1	1,680		
Chief steward					2	1,680
Record clerk					1	1,680
Timekeeper					1	1,680
Assistant caretaker					2	1,680
Salary range, $1,500 to $1,860; average, $1,680—						
Chauffeur	1	1,640	1	1,640		
Assistant truckmaster	1	1,640	1	1,640		
Fireman	10	1,614	10	1,614	6	1,610
Mate					2	1,600
Laborer foreman	1	1,570	1	1,570		
Assistant engineer					3	1,600
Checker	4	1,560	4	1,560	5	1,560
Typist	1	1,560	1	1,560	1	1,500
Cook	1	1,560	1	1,560	1	1,500
Clerk	1	1,548	1	1,548	3	1,540
Electrician	8	1,530	8	1,530	9	1,530
Refrigerating engineer	6	1,530	6	1,530	7	1,530
Second steward	5	1,512	5	1,512	6	1,512
Cook and steward	1	1,500	1	1,500	1	1,560
Stenographer-typist	1	1,500	1	1,500	1	1,500
Machinist						
Deck hand	27	1,500	27	1,500	24	1,500
Boat repairman	2	1,500	2	1,500		
Oiler	1	1,500	1	1,500	1	1,500
Deck seaman	1	1,500	1	1,500	1	1,500
Salary range, $1,320 to $1,680; average, $1,500—						
Laborer	2	1,492	2	1,492	2	1,492
Deck engineer	6	1,470	6	1,470	6	1,470
Plumber	5	1,470	5	1,470	6	1,470
Chief butcher	5	1,452	5	1,452	6	1,452
Cook and baker	1	1,452	1	1,452		
Laborer superintendent	1	1,440	1	1,440	1	1,440
Auto truck driver	1	1,440	1	1,440		
Boatswain					1	1,440
Porter	1	1,440	1	1,440		
Stenographer-typist	2	1,440	2	1,440	1	1,440
Clerk-stenographer	1	1,440	1	1,440		
Engineer, marine	1	1,440	1	1,440	1	1,440
Checker	1	1,440	1	1,440	2	1,380
Captain, scow	5	1,440	5	1,440	6	1,440
Assistant foreman packer	1	1,440	1	1,440		
Chief steward					1	1,440
Seaman	6	1,440	6	1,440	6	1,440
Cook	3	1,438	3	1,438	1	1,410
Deck hand	14	1,436	14	1,436	15	1,436
Oiler	17	1,430	17	1,430	10	1,443
Clerk	9	1,413	9	1,413	4	1,440
Fireman	14	1,410	14	1,410	13	1,417
Second cook	6	1,392	6	1,392	6	1,392
Boilermaker	4	1,392	4	1,392	4	1,392
Machinist	5	1,380	5	1,380	5	1,392
Watchman	2	1,380	2	1,380	2	1,380
Assistant electrician	6	1,362	5	1,362	7	1,376
Chief baker	1	1,332	1	1,332	1	1,332

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Army Transportation—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
WATER TRANSPORTATION—continued						
Field service—Continued.						
Salaries and wages—Continued.	*Average—*		*Average—*		*Average—*	
Salary range, $1,140 to $1,500; average, $1,320—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Clerk	1	$1,300	1	$1,300	1	$1,260
Deck engineer	1	1,290	1	1,290	1	1,290
Second assistant engineer	2	1,275	2	1,275		
Chief army cook	5	1,272	5	1,272	6	1,272
Second baker	5	1,272	5	1,272	6	1,272
Storekeeper	4	1,272	4	1,272		
Second cabin steward	5	1,272	5	1,272	5	1,272
Third cabin steward	2	1,272	2	1,272		
Third cook	5	1,272	5	1,272	5	1,272
Third steward	3	1,272	3	1,272	6	1,272
Ship's cook	6	1,262	6	1,262	6	1,272
Launch dispatcher	1	1,260	1	1,260	1	1,140
Launch operator					1	1,140
Fireman	9	1,250	9	1,250	4	1,150
Assistant refrigerating engineer	5	1,242	5	1,242	5	1,250
Watchman	2	1,240	2	1,240	2	1,240
Packer	4	1,240	4	1,240		
Carpenter	8	1,212	8	1,212	8	1,212
Oiler					3	1,200
Second army cook	5	1,212	5	1,212		
Second cook	3	1,212	3	1,212	4	1,169
Sheet metal worker's helper	1	1,201	1	1,201		
Blacksmith's helper	1	1,201	1	1,201		
Messman	1	1,200	1	1,200	1	1,200
Deckhand	8	1,200	8	1,200		
Messenger	3	1,180	3	1,180	2	1,140
Assistant ship's cook	4	1,152	4	1,152	4	1,200
Boatswain	8	1,152	8	1,152	9	1,152
Second butcher	5	1,152	5	1,152	6	1,152
Checker	1	1,140	1	1,140	1	1,140
Janitor	1	1,140	1	1,140		
Laborer	1	1,140	1	1,140		
Machinist	1	1,140				
Boilermaker	1	1,140				
Salary range, $1,020 to $1,260; average, $1,140—						
Water tender	34	1,122	33	1,122	34	1,122
Oiler	41	1,117	41	1,117	42	1,120
First officer					1	1,080
Machinist					1	1,080
Yardmaster	1	1,100	1	1,100		
First assistant engineer					1	1,080
Deck yeoman	5	1,092	5	1,092	5	1,092
Storekeeper	11	1,092	11	1,092	14	1,069
Master-at-arms	10	1,092	10	1,092	10	1,092
Wheelman	31	1,092	31	1,092	32	1,092
Fourth cook	1	1,092	1	1,092		
Chief pantryman	5	1,092	5	1,092	5	1,092
Messenger	1	1,080	1	1,080	1	1,080
Deck hand	2	1,080	2	1,080	7	1,094
Chief caretaker	1	1,080	1	1,080		
Second cabin steward					1	1,020
Launch operator	1	1,080	1	1,080		
Assistant storekeeper	3	1,052	3	1,052		
Fireman	68	1,043	68	1,043	64	1,047
Steward's yeoman	5	1,032	5	1,032	5	1,032
Fifth cook	1	1,032	1	1,032		
Third Army cook	1	1,032	1	1,032	1	1,020
Third butcher	1	1,032	1	1,032		
Second pantryman	5	1,032	5	1,032	5	1,032
Clerk	1	1,020	1	1,020	2	1,020
Laborer	1	1,020	1	1,020		
Loco crane engineer	1	1,020	1	1,020		
Salary range, $900 to $1,140; average, $1,020—						
Seaman	128	997	126	997	121	1,002
Third baker	5	972	5	972	5	972
Fourth baker	5	972	5	972	5	972
Pantryman	8	972	8	972	8	972
Stenographer	1	960	1	960		
Laborer	6	960	6	960		
Coal passer	2	958	20	958	6	972
Carpenter					1	960
First butcher					1	960
Wiper	31	942	21	942	21	942
Launch operator	3	940	3	940	1	960
Assistant refrigerating engineer					1	920
Fireman					7	920
Messenger	1	900	1	900	1	900
Assistant foreman machinist	1	900	1	900		
Clerk	1	900	1	900		
Assistant engineer	1	900	1	900		
Second baker	1	900	1	900	1	900
Salary range, $780 to $1,020; average, $900—						
Fireman	4	930	4	930	4	855
Stewardess	6	912	6	912	6	912
Scullion	12	912	12	912	12	912
Fourth pantryman	5	912	5	912	5	912
Watchman	5	912	5	912		
Water tender	11	900	11	900	5	870
Clerk	1	900	1	900		
Dishwasher	11	852	11	852	11	852
Bathroom man	5	852	5	852	5	852

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Army Transportation—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
WATER TRANSPORTATION—continued						
Field service—Continued.						
Salaries and wages—Continued.	*Average—*		*Average—*		*Average—*	
Salary range, $780 to $1,020; average, $900—Contd.	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Waiter	119	$848	119	$848	109	$852
Messman	16	843	16	843	18	852
Yeoman					2	840
Oiler	2	840	2	840	7	865
Master-at-arms	1	840			2	840
Typist	2	840	2	840	2	780
Master	2	810	2	810	2	810
Deck hand	2	804	2	804	2	810
Cook					6	800
Assistant officer's messman	5	792	5	792	6	792
Petty officer's messman	9	792	9	792	10	792
Porter	5	792	5	792	5	792
Second pantryman	1	780	1	780	1	780
Third butcher					2	780
Assistant storekeeper						
Seaman					18	750
Salary range, $600 to $780; average, $690—						
Mess boy	27	732	27	732	27	732
Copyist	1	720	1	720	1	660
Third baker					1	720
Fourth baker					1	720
Typist	1	720	1	720	1	720
Coal passer					28	720
Watchman	3	720	3	720	4	673
Master	2	720	2	720	2	720
Launch engineer	5	658	5	658	2	660
Pantryman					2	660
Fireman	3	653	3	653	1	660
Stewardess					1	660
Seaman	1	650	1	650	12	750
Boatswain	1	624	1	624	2	654
Waiter					27	618
Cook	2	612	2	612		
Bell boy	16	612	16	612	16	612
Messman	1	600			7	617
Engineer caretaker					1	600
Bathroom man					1	600
Dishwasher					2	600
Salary range, $420 to $600; average, $510—						
Oiler	4	564	4	564	3	564
Typist	1	540	1	540		
Master, launch	1	540	1	540	1	540
Checker	2	510	2	510	1	540
Laborer					2	540
Boatswain	2	504	2	504		
Porter					1	540
Waiter					3	540
Assistant cook	1	504	1	504	1	570
Fireman	10	492	10	492	17	423
Copyist	2	480	2	480		
Mess boy					4	480
Launch engineer	2	480	2	480	1	480
Messenger					1	480
Seaman					1	450
Marker	1	420	1	420		
Salary range, $240 to $420; average, $330—						
Copyist					1	360
Winch man	2	360	2	360	2	360
Bellboy					4	360
Donkey man	2	360	2	360		
Assistant cook	1	360	1	360	1	360
Wheelman	8	334	8	334		
Waiter	3	328	3	328		
Barber	5	312	5	312	5	312
Messenger	1	300	1	300		
Watchman					2	300
Cargo handler	11	300	11	300		
Engineer, launch	1	300	1	300		
Laborer					11	288
Seaman	24	282	24	282	15	316
Boatswain	32	244	32	244	31	242
Fireman	14	240	14	240	5	276
Salary range, $60 to $240; average, $150—						
Seaman					2	210
Master, launch	1	90	1	90		
Barber					1	60
Per diem employees (temporary)	50	300	59	307	47	722
Total average number of employees	1,495		1,504		1,484	
Total salaries and wages, field service		1,862,976		1,865,200		1,803,455
The difference between 1929 and 1928 is due to decrease in force, $2,224.						
Deduct allowance value of quarters, subsistence, etc., furnished		265,200		265,200		265,200
01 Cash payment, salaries and wages		1,597,776		1,600,000		1,538,255

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

Army Transportation—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
WATER TRANSPORTATION—continued					
Supplies and materials:					
0230 Fuel for boats including lighterage and loading fuel	$1,122,617	$1,128,800	$1,035,861		
0280 Supplies (other than subsistence for boats)	320,718	250,000	340,707		
02 Total supplies and materials	1,443,335	1,378,800	1,376,568		
Rents:					
1115 Wharfage, rental of	24,298	23,369	23,376		
1115 Hire of boats	4,300	4,300	2,955		
11 Total rents	28,598	27,669	26,331		
12 Repair of boats	1,303,700	1,300,000	1,251,717		
Special and miscellaneous current expenses:					
1380 Towage, army transports	5,420	5,420	6,486		
1380 Water for boats	12,361	12,071	11,932		
1380 Laundry for army transports	16,412	14,055	14,300		
1380 Pilotage for army transports	23,178	21,712	26,624		
1380 Stevedoring for army transports	341,939	324,917	294,776		
1380 Removing ashes from army transports		480	250		
1380 Painting and cleaning, army transports	11,333	10,000	20,850		
1380 Miscellaneous expenses, army transports	47,303	44,164	50,653		
1380 Intra corps area movement	61,006	5,422			
13 Total special and miscellaneous current expenses	518,957	438,241	425,871		
30 Purchase of boats	62,000	81,000	225,000		
Total	4,954,366	4,825,710	[1] 4,843,742		
MOTOR TRANSPORTATION					
Field service:					
Salaries and wages—	*Average—*	*Average—*	*Average—*		
	No. *Salary*	*No.* *Salary*	*No.* *Salary*		
Salary range, $3,000 to $3,600; average, $3,300—					
Cost accountant		1 $3,000	1 $3,000		
Salary range, $2,700 to $3,300; average, $3,000—					
Spare parts expert	1 $2,700	1 2,700	1 2,700		
Chief engineer	1 2,700	1 2,700	1 2,700		
Salary range, $2,400 to $3,000; average, $2,700—					
Engineer	1 2,600	1 2,600	1 2,600		
Chief clerk	1 2,500	1 2,500	1 2,500		
Salary range, $2,100 to $2,700; average, $2,400—					
Draftsman	2 2,300	2 2,300	2 2,300		
Designer	1 2,400	1 2,400	1 2,400		
Clerk	1 2,100	1 2,100	1 2,100		
Inspector	1 2,100	1 2,100	1 2,100		
Painter	1 2,100	1 2,100	1 2,100		
Shop foreman	1 2,100	1 2,100	1 2,100		
Mechanic	1 2,100	1 2,100	1 2,100		
Salary range, $1,860 to $2,400; average, $2,100—					
Parts list writer	1 2,040	1 2,040	1 2,040		
Storekeeper	1 2,040	1 2,040	1 2,040		
Power plant engineer	1 1,980	1 1,980	1 1,980		
Mechanic	1 1,980	1 1,980	1 1,980		
Storekeeper	1 1,980	1 1,980	1 1,980		
Clerk	2 1,920	2 1,920	2 1,920		
Salary range, $1,680 to $2,040; average, $1,860—					
Inspector	1 1,860	1 1,860	1 1,860		
Clerk	1 1,860	1 1,860	1 1,860		
Mechanic	3 1,840	3 1,840	3 1,840		
Mechanic	22 1,800	7 1,800	7 1,800		
Storekeeper	7 1,800	4 1,800	4 1,800		
Painter	3 1,800				
Upholsterer	3 1,800				
Spare parts expert	2 1,800	2 1,800	2 1,800		
Mechanic	1 1,740	1 1,740	1 1,740		
Clerk	1 1,740	1 1,740	1 1,740		
Salary range, $1,500 to $1,860; average, $1,680—					
Clerk	1 1,680	1 1,680	1 1,680		
Truckmaster	1 1,640	1 1,640	1 1,640		
Clerk	1 1,620	1 1,620	1 1,620		
Assistant storekeeper	1 1,560	1 1,560	1 1,560		
Assistant mechanic	3 1,500	3 1,500	3 1,500		
Clerk	2 1,500	2 1,500	2 1,500		
Salary range, $1,320 to $1,680; average, $1,500—					
Clerk	1 1,491	1 1,491	1 1,491		
Clerk	9 1,440	9 1,440	9 1,440		
Mechanic's helper	3 1,440	3 1,440	3 1,440		
Stenographer-typist	2 1,440	2 1,440	2 1,440		
Mechanic's helper	1 1,416	1 1,416	1 1,416		

[1] Expenditures fiscal year 1927 include $225,000 reappropriated from fiscal year 1926.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Army Transportation—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
MOTOR TRANSPORTATION—continued						
Field service—Continued.						
Salaries and wages—Continued.	*Average—*		*Average—*		*Average—*	
Salary range, $1,140 to $1,500; average, $1,320—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Clerk-typist	2	$1,380	2	$1,380	2	$1,380
Dispatcher	1	1,340	1	1,340	1	1,340
Mechanic's helper	3	1,294	2	1,294	2	1,294
Storekeeper	3	1,250	1	1,250	1	1,250
Chauffeur	2	1,200	2	1,200	2	1,200
Packer	1	1,200	1	1,200	1	1,200
Salary range, $600 to $780; average, $690—						
Laborer	3	720	3	720	3	720
Total average number of employees	103		77		77	
Total salaries and wages, field service		175,699		131,699		131,699
The difference between 1929 and 1928 is due to increase in force, $43,992.						
Deduct allowance value of quarters, subsistence, etc., furnished		480		480		480
Net salaries and wages, field service		175,219		131,219		131,219
01 Total personal services		175,219		131,219		131,219
Supplies and materials:						
0233 Gasoline and lubricants		762,663		581,119		631,476
0280 Cleaning and preserving materials		75,000		25,000		41,691
02 Total supplies and materials		837,663		606,119		673,167
11 Hire of motor trucks and passenger-carrying automobiles		300		300		910
Repairs and alterations:						
1280 Bicycles, repair of		2,200		1,800		2,470
1280 Repairs to motor vehicles		500,000		290,000		423,972
1280 Bodies, tires, magnetos, etc., for G. M. C. trucks		57,158				57,158
1280 Shop maintenance		60,000		17,619		79,480
1280 Development of motor vehicles		45,000		1,500		10,071
1280 Conversion standard "B" chassis to light tank carriers		148,506				
12 Total repairs and alterations		812,864		310,919		573,151
30 Motor vehicles, procurement		275,000		119,500		
Total		2,101,046		1,168,057		1,378,447
RAIL TRANSPORTATION						
Field service:						
Salaries and wages—						
Salary range, $3,000 to $3,600; average, $3,300—						
Master mechanic	1	3,600	1	3,600	1	3,600
Locomotive engineer	1	3,400				
Salary range, $2,700 to $3,300; average, $3,000—						
Traffic expert	1	3,000	1	3,000	1	3,000
Principal clerk			1	3,000	1	3,000
Foreman engineer	1	3,000	1	3,000	1	3,000
Locomotive engineer	1	3,000	2	3,000	2	3,000
Salary range, $2,400 to $3,000; average, $2,700—						
Conductor	2	2,740	2	2,740	2	2,740
Principal clerk	2	2,700	1	2,700	1	2,700
Master mechanic	1	2,700	1	2,700	1	2,700
Salary range, $2,100 to $2,700; average, $2,400—						
Locomotive engineer	1	2,520	1	2,520	1	2,520
Traffic manager	1	2,500	1	2,400	1	2,400
Principal clerk	8	2,438	7	2,450	7	2,400
Rate clerk			1	2,400	1	2,400
Transportation clerk	3.3	2,280	3	2,166	4	2,175
Salary range, $1,860 to $2,400; average, $2,100—						
Principal clerk	11	2,116	11.8	2,212	11.8	2,212
Rate clerk	7	2,074	6	2,041	5	2,100
Truckmaster	1	2,040	1	2,040		
Locomotive engineer	11	2,005	11	2,040	11	2,040
Clerk superintendent	1	2,000	1	2,000		
Conductor	1	1,980	1	1,980	1	1,980
Machinist	5	1,920	5	1,920	5	1,920
Electrician	1	1,920	1	1,920	1	1,920
Blacksmith	1	1,920	1	1,920	1	1,920
Foreman	1	1,920				
Salary range, $1,680 to $2,040; average, $1,860—						
Rate clerk	7	1,855	8	1,839	3	1,810
Clerk	23	1,823	24.2	1,835	24.2	1,829
Yardmaster	1	1,800	1	1,800	1	1,800
Crane engineer	10	1,758	6	1,743	7	1,743
Transportation clerk	1	1,740	5	1,752	5	1,840
Salary range, $1,500 to $1,860; average, $1,680—						
Switchman	1	1,740				
Machinist	1	1,740				
Checker	1	1,740	1	1,740	1	1,740
Rate clerk	2	1,680	2	1,740		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Army Transportation—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
RAIL TRANSPORTATION—continued						
Field service—Continued.						
Salaries and wages—Continued.	*Average—*		*Average—*		*Average—*	
Salary range, $1,500 to $1,860; average, $1,680—Con.	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Car repairman	2	$1,680	2	$1,680	2	$1,680
Hostler	1	1,680	1	1,680	1	1,680
Crane operator			1	1,840	1	1,680
Clerk	31	1,646	37	1,634	41	1,610
Truckmaster	1	1,640	1	1,640		
Foreman laborer	1	1,560	3	1,653	4	1,695
Transportation clerk	2	1,500	1	1,500	3	1,563
Salary range, $1,320 to $1,680; average, $1,500—						
Locomotive fireman	4	1,538	4	1,522	4	1,522
Crane operator	1.3	1,530	1	1,560	1	1,560
Stenographer	7	1,526	8	1,500	8	1,500
Clerk	30.5	1,470	33.9	1,462	33.3	1,422
Checker	11	1,444	11	1,433	4	1,455
Slingman	2	1,440	2	1,440	2	1,440
Hostler	2	1,440	2	1,460	2	1,460
Weighmaster	1	1,440	1	1,560	1	1,560
Statistical clerk			1	1,440	1	1,440
Porter	1	1,440	1	1,440		
Salary range, $1,140 to $1,500; average, $1,320—						
Foreman laborer	4	1,423	4	1,423	3	1,400
Laborer			2	1,378	2	1,378
Crane engineer	3	1,340	3.3	1,352	3.3	1,375
Typist	3	1,340	4	1,365	4	1,365
Clerk	17	1,293	10.6	1,244	10.6	1,244
Stenographer	5	1,292	1	1,260	1	1,260
Skilled laborer	3	1,240	3	1,240	3	1,240
Salary range, $1,020 to $1,260; average, $1,140—						
Hostler	1.6	1,250	1.6	1,250	1.6	1,250
Messenger	3	1,200	3	1,200	1	1,200
Blacksmith helper	1	1,200	1	1,200	1	1,200
Laborer	45	1,146	45	1,133	39	1,121
Checker	1	1,140	1	1,140	1	1,140
Fireman	1	1,080	1	1,080	1	1,080
Clerk	2	1,080	2	1,080	1	1,020
Delivery man	1	1,140				
Salary range, $900 to $1,140; average, $1,020—						
Messenger	2	990	2	990	2	990
Laborer	10	966	28	960	29	960
Salary range, $780 to $1,020; average, $900—						
Fireman	2	840	2	900	2	900
Flagman	1	840	1	840	1	840
Foreman	1	840	1	840	1	840
Laborer	2	900				
Salary range, $600 to $780; average, $690—						
Laborer	32	742	7	745	7	745
Hostler helper	2	720	2	720	2	720
Checker	4	720	3	720	3	720
Messenger	2	690	2	690	2	690
Foreman			1	660	1	600
Salary range, $420 to $600; average, $510—						
Typist	2	570	2	570	2	570
Quartermaster agent	1	480	1	480	1	480
Foreman	1	480	1	480	1	480
Watchman	1	480	1	480	1	480
Capataz	2	450	2	450	2	450
Engineer	5	442	5	458	5	458
Salary range, $240 to $420; average, $330—						
Foreman	2	360	2	360	2	360
Winch tender	1	360				
Capataz	2	330	3	320	3	320
Checker	3	300				
Messenger			1	300	1	300
Fireman	2	300	4	270	4	270
Brakeman	1	240	1	240	1	240
Laborer	70	240	88.5	243	64	276
Salary range less than $240—						
Laborer					50	235
Total average number of employees	449.7		462.9		468.8	
Total salaries and wages, field service		559,511		566,101		545,950
The difference between 1929 and 1928 is due to—						
Four (4) employees transferred to "Salaries, office Quartermaster General"	$8,380					
One (1) employee transferred to "Incidental expenses"	1,680					
Decrease	10,060					
New positions—three (3) crane operators	4,260					
Net decrease	5,800					
Deduct allowance value of quarters, subsistence, etc., furnished		3,470		4,260		4,260
01 Total personal services, cash payment		556,041		561,841		541,690

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Army Transportation—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	RAIL TRANSPORTATION—continued			
	Travel expenses:			
0600	Recruits, transportation of (including street-car tickets, tolls, and ferriages)	$955,400	$1,036,856	$972,811
	Civilian employees, reimbursement of traveling expenses and per diem while traveling	42,942	37,530	34,286
	Travel allowance to discharged officers and enlisted men	1,489,180	1,500,000	1,671,110
	Fare and sleeping accommodations, when authorized, of individual enlisted men furnished transportation and for organizations (including officers traveling with troops)	387,952	349,518	340,526
	Applicants for enlistment, transportation of (including street-car tickets, tolls, and ferriages)	142,000	167,000	141,817
	Recruiting parties, transportation of (including street-car tickets, tolls, and ferriages)	37,000	37,000	37,235
	Dishonorably discharged soldiers and insane persons, transportation of	40,000	40,000	37,255
	All authorized agents and employees of the Army, transportation of	30,800	28,700	24,600
	Dependents of officers upon permanent change of station, transportation of	256,000	281,488	229,731
	Street-car tickets, tolls, and ferriages (except for applicants for enlistment, recruits, and recruiting parties)	26,500	20,748	26,067
	Members of the Army Nurse Corps, transportation of or reimbursement of travel expenses and per diem while traveling	14,000	12,000	11,107
	Fare of military prisoners and insane persons before release from an institution	35,000	12,000	45,376
	Dependents of enlisted men, upon permanent change of station, transportation of	37,000	43,410	35,830
	Dependents of warrant officers upon permanent change of station, transportation of	12,730	12,730	12,111
06	Total travel expenses	3,506,504	3,578,980	3,619,862
	Transportation of things:			
0700	Baggage of members of Army Nurse Corps, transportation of	2,000	1,500	937
	Baggage of officers, transportation of	443,888	467,850	420,612
	Baggage of enlisted men, transportation of (including baggage of warrant officers)	46,000	46,000	62,034
	Baggage of civilian employees, transportation of	3,300	3,300	2,829
	Impedimenta of organizations and property accompanying troops changing station, transportation of (including cost of transportation of records and colors of inactive organizations incident to Army reorganization)			90,168
	Public animals with troops changing station, transportation of			13,227
	Horses of officers changing station, transportation of (including fare of attendant unless permanent change of station of attendant is involved)	23,000	27,000	22,934
	Quartermaster supplies, including clothing and equipage, subsistence, forage, fuel, horse equipment, and miscellaneous supplies of the Quartermaster Corps, transportation of	2,996,081	1,542,075	1,560,837
	Horses for Cavalry, Artillery, Engineers, etc., transportation of	61,334	55,400	73,675
	Ordnance, ordnance stores, and small arms, transportation of	345,000	370,000	340,800
	Signal Corps stores, transportation of	67,000	56,000	46,400
	Engineer Corps supplies, transportation of	16,650	19,315	19,297
	Medical Corps supplies, transportation of	74,524	52,500	76,420
	Air Corps supplies, transportation of	240,000	197,194	153,629
	Chemical Warfare Service supplies, transportation of	5,880	5,880	6,148
	Funds of the Army, money accounts and finance records, transportation of	2,200	2,000	1,896
	Fire-control equipment, transportation of	215	110	100
	Coast Artillery Corps supplies, transportation of	300	300	262
	Drayage, cartage, and hauling for the Army	11,000	11,000	8,117
	Packing and crating supplies and baggage	475,000	441,860	479,108
	Submarine mine supplies, transportation of	793	700	480
	Recruiting supplies, transportation of	3,500	2,000	3,493
	Lighterage and loading	40,000	20,000	44,067
	Shipment of war reserves	30,000	30,000	32,175
07	Total transportation of things	4,887,665	3,351,984	3,459,645
12	Railroad equipment, repair and maintenance	80,000	100,000	179,505
	Rail transportation requirements within corps areas and departments and transportation of troops to and from summer training camps	203,763	195,763	175,014
	Total	9,233,973	7,788,568	7,975,716

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Horses for Cavalry, Artillery, Engineers, etc.—		
For the purchase of horses within limits as to age, sex, and size to be prescribed by the Secretary of War for remounts for officers entitled to public mounts, for the United States Military Academy, and for such organizations and members of the military service as may be required to be mounted, and for all expenses incident to such purchases (including $150,000 for encouragement of the breeding of riding horses suitable for the Army, in cooperation with the Bureau of Animal Industry, Department of Agriculture, including the purchase of animals for breeding purposes and their maintenance), [$504,750] *$546,000*: *Provided*, That the number of horses purchased under this appropriation shall be limited to the actual needs of the mounted service, including reasonable provision for remounts. When practicable, horses shall be purchased in open market at all military posts or stations, when needed, within a maximum price to be fixed by the Secretary of War: *Provided further*, That no part of this appropriation shall be expended for the purchase of any horse below the standard set by Army Regulations for Cavalry and Artillery horses, except when purchased as remounts or for instruction of cadets at the United States Military Academy, except that not to exceed $100 of this appropriation shall be available for the purchase of native Chinese horses of specifications to be approved by the Secretary of War for the actual needs of the American forces in China: *And provided further*, That no part of this appropriation shall be expended for polo ponies except for West Point Military Academy, and such ponies shall not be used at any other place[: *And provided further*, That the Secretary of War may, in his discretion, and under such rules and regulations as he may prescribe, accept donations of animals for breeding and donations of money or other property to be used as prizes or awards at agricultural fairs, horse shows, and similar exhibitions, in order to encourage the breeding of riding horses suitable for Army purposes] (*U. S. C., p. 172, sec. 72; act Feb. 23, 1927, vol. 44, p. 1114*)	$546,000.00	$504,750.00

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:							
Salaries and wages—		*Average*—		*Average*—		*Average*—	
Salary range, $3,800 to $5,000; average, $4,400—		*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Horse-breeding expert		1	$5,100	1	$5,100	1	$5,100
Salary range, $1,860 to $2,400; average, $2,100—							
Chief clerk		1	2,100	1	2,100	1	2,100
Salary range, $1,320 to $1,680; average, $1,500—							
Stenographer		4	1,400	4	1,400	4	1,400
Total average number of employees		6		6		6	
01 Total salaries and wages, field service			12,800		12,800		12,800
Equipment:							
3040	Horses for Cavalry, Artillery, Signal Corps, Engineers, Infantry, Medical Department, and Indian Scouts, and for officers entitled to public mounts, purchase of, including expenses incident to purchase		396,000		354,750		900,165
3040	Expenses incident to the encouragement of breeding of riding horses suitable for the Army, including cooperation with the Bureau of Animal Industry, Department of Agriculture, and for the purchase of animals for breeding purposes and their maintenance		137,200		137,200		136,822
30 Total equipment			533,200		491,950		1,036,987
							1,049,787
Unobligated balance							378
Total			546,000		504,750		1,050,165

Military Posts—

[For payment of obligations incurred under the contract authorization for construction at military posts of buildings, utilities, and appurtenances thereto as provided in the Second Deficiency Act, fiscal year 1926, $3,520,000, to remain available until June 30, 1929] (*U. S. C., p. 1913, sec. 1597; acts July 3, 1926, vol. 44, p. 877; Feb. 23, 1927, vol. 44, p. 1115*) 3,520,000.00

32 Construction of buildings, utilities, and appurtenances: Expenditures—1928, $3,520,000; 1927, $800,000.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Military Posts, Hawaiian Islands—		
[For every expenditure requisite for filling and grading the marsh lands of the United States Military Reservation at Fort De Russy, Hawaii, as authorized in the act entitled "An act to provide for the reclamation of the United States Military Reservation, Fort De Russy, Honolulu, Hawaii," approved March 4, 1923] *(acts Mar. 4, 1923, vol. 42, p. 1445; Feb. 23, 1927, vol. 44, p. 1115)*		$100,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Structures and parts, etc.:			
3210 Construction of buildings, utilities, and appurtenances			$150,000
3220 Filling and grading marsh lands, Fort De Russy, Hawaii		$100,000	
32 Total structures and parts and nonstructural improvements to land		100,000	450 000
			450,000
Unobligated balance			100
Total		100,000	450,100

Construction of Buildings, Utilities, and Appurtenances at Military Posts—		
For construction and installation at military posts of buildings, utilities, and appurtenances thereto, as authorized by an act entitled "An act to authorize appropriations for construction at military posts, and for other purposes," approved March 3, 1927, without reference to sections 1136 and 3734, Revised Statutes, including also the engagement, by contract or otherwise, of the services of architects, or firms, or partnerships thereof, and other technical and professional personnel as may be deemed necessary without regard to civil-service requirements and restrictions of law governing the employment and compensation of employees of the United States, $5,000,000: Provided, That the Secretary of War is authorized to enter into contracts for the purposes specified in the said act of March 3, 1927, to an amount not to exceed $2,115,000, in addition to the appropriation herein made (U. S. C., p. 1913, sec. 1597; act Mar. 3, 1927, vol. 44, p. 1390)	$5,000,000.00	
32 Construction of buildings, utilities and appurtenances: Expenditures—1929, $5,000,000; 1927, $2,250,000.		
Barracks and Quarters—		
For construction, repair, and rental of barracks, quarters, stables, storehouses, magazines, administration and office buildings, sheds, shops, garages, reclamation plants, and other buildings necessary for the shelter of the Army and its property, including retired officers and enlisted men when ordered to active duty; for rental of grounds for military purposes, of recruiting stations, and of lodgings for recruits and applicants for enlistment; for *the purchase and* repair of such furniture for Government-owned officers' quarters and officers' messes as may be approved by the Secretary of War; for wall lockers, refrigerators, screen doors, window screens, storm doors and sash, window shades, and flooring and framing for tents, [$4,528,837] *$6,000,000: Provided,* That this appropriation shall be available for rental of offices, garages, and stables for military attachés [: *Provided further,* That not exceeding $27,000 of this appropriation shall be available for the purchase of approximately four hundred and forty-eight acres of land on which Camp Marfa at Marfa, Texas, is located: *Provided further,* That $13,917, or so much thereof as may be necessary, shall be used for completing the repair of buildings within the old fort at Fort Ontario, New York, and placing them in habitable condition: *Provided further,* That not to exceed $15,000 of this appropriation shall be expended for continuing work incident to and of repairing the old building known as the "Castle" at Fort Niagara, New York. In addition to this amount, the Secretary of War is authorized to expend such sums as may be contributed from private sources for the rehabilitation of such old building] *(U. S. C., p. 172, sec. 72; act Feb. 23, 1927, vol. 44, p. 1115)*	6,000,000.00	4,528,837.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Barracks and Quarters—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
Salary range, $3,800 to $5,000; average, $4,000—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Architect					1	$3,800
Estimator building materials					1	3,800
Civil engineer					1	3,800
Hydraulic and sanitary engineer					1	3,800
Salary range, $3,300 to $3,900; average, $3,600—						
Structural engineer	1	$3,800	1	$3,800	1	3,600
Civil engineer and superintendent of construction	5	3,740	5	3,700	4.3	3,744
Auditor	1	3,600	1	3,600		
Superintendent of construction	2	3,500	2	3,500	2	3,500
Supervising engineer	2	3,300	2	3,300	2	3,150
Architect			1	3,300	2	3,450
Civil engineer					1	3,300
Salary range, $3,000 to $3,600; average, $3,300—						
Civil engineer and superintendent of construction	3	3,133	3	3,100	2.2	3,095
Mechanical engineer	1	3,100	1	3,000	2	3,150
Superintendent of construction	3	3,033	3	3,000	2	3,100
Supervising engineer	1	3,000	1	3,000	1	3,000
Electrical and mechanical engineer	1	3,000	1	3,000	1	3,000
Architect			1	3,000	1.2	3,500
Electrical inspector					1	3,300
Accountant					1	3,000
Structural designer					1	3,000
Salary range, $2,700 to $3,300; average, $3,000—						
Electrical engineer	1	3,300	1	2,700	1	2,700
Fire prevention engineer	1	3,000	1	2,900	1	2,700
Draftsman	1	3,000	1	3,000	1.5	2,900
Architectural draftsman					1	3,000
Inspector of construction	1	2,940	1	2,940	1	2,940
Civil engineer and superintendent of construction	1	2,800	1	2,700	0.3	2,700
Superintendent of construction	3	2,800	3	2,733	3	2,707
Structural engineer					1	2,800
Civil engineer			1	2,700	2.6	2,846
Assistant civil engineer					1	2,700
Salary range, $2,400 to $3,000; average, $2,700—						
Civil engineer and superintendent of utilities	1	3,000	1	3,000	1	3,000
Civil engineer and superintendent of construction	13	2,723	13	2,638	10.3	2,578
Senior architectural draftsman					2	2,670
Superintendent of utilities	5	2,600	5	2,544	4	2,080
Principal clerk	3	2,566	3	2,533	4	2,525
Civil engineer	3	2,533	3	2,533	2	2,450
Hydraulic and sanitary engineer	1	2,500	1	2,400	1	2,400
Electrical engineer	3	2,500	3	2,433	3	2,433
Clerk	3	2,500	3	2,466	3	2,466
Superintendent of construction	9	2,500	9	2,482	10	2,474
Assistant estimator, building materials					1	2,500
Draftsman and instrument man					1	2,449
Draftsman	1	2,400	1	2,400	4.2	2,524
Architectural draftsman	1	2,400	3	2,400	5.7	2,386
Mechanical draftsman					1	2,400
Technical assistant					0.7	2,400
Electrical engineer	3	2,206	4	2,255	4	2,225
Salary range, $2,100 to $2,700; average, $2,400—						
Chief clerk	1	2,400	1	2,400	1	2,400
Property clerk	1	2,400	1	2,400	1	2,400
Building inspector	1	2,400	1	2,400	1.6	2,250
Assistant mechanical engineer					1	2,400
Elevator repairman	1	2,320	1	2,320	1	2,320
Superintendent utilities	2	2,250	2	2,200	2	2,150
Carpenter	9	2,203	9	2,203	9	2,203
Principal clerk	7	2,200	7	2,186	7	2,186
Auditor	1	2,200	1	2,200	1	2,200
Technical assistant					0.2	2,200
Clerk	10	2,165	10	2,165	7	2,140
Painter	2	2,160	2	2,160	2	2,160
Superintendent, construction	2	2,150	2	2,150	2	2,150
Voucher clerk	1	2,100	1	2,100	1	2,100
Cost clerk	1	2,100	1	2,100	1	2,100
Mechanical inspector			1	2,100	1	2,100
Civil engineer and superintendent of construction	1	2,100	1	2,100	1	2,100
Time inspector	1	2,100	1	2,100	1	2,100
Salary range, $1,860 to $2,400; average, $2,100—						
Inspector of construction	1	2,200	1	2,200	1	2,079
Inspector and auditor	1	2,200	1	2,200	1	2,200
Topographic draftsman					1	2,100
Sheet-metal worker	2	2,070	2	2,070	2	2,070
General foreman	1	2,040	1	2,040	1	2,040
Elevator man	1	2,040	1	2,040	1	2,040
Foreman, utilities	4	2,010	4	2,010	4	2,010
Engineering draftsman			3	2,006	2.5	1,988
Foreman mechanic	1	2,000	1	2,000	1	2,000
Principal clerk	3	1,980	3	1,980	3	1,980
Sawyer	1	1,980	1	1,980	1	1,980
Carpenter	30	1,979	30	1,975	29.2	1,975
Blacksmith	2	1,970	2	1,970	2	1,970
Painter	13	1,963	13	1,963	13	1,963
Clerk	22	1,927	20	1,915	24	1,898
Tinner	2	1,920	2	1,920	2	1,920
Material man and storekeeper	1	1,920	1	1,920	1	1,920
Chief clerk	2	1,860	2	1,860	2	1,860
Law clerk					1	1,860
Architectural draftsman			2	1,860	3.9	1,859
Building inspector	3	1,860	3	1,860	3	1,860

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

Barracks and Quarters—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927		Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
	Average—		*Average*—		*Average*—			
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*		
Field service—Continued.								
Salaries and wages—Continued.								
Salary range, $1,680 to $2,040; average, $1,860—								
Inspector	2	$2,040	2	$2,040				
Mason	1	1,820	1	1,820	1	$1,820		
Electrical engineer	2	1,800	2	1,800	1	1,740		
Foreman utilities	3	1,800	3	1,779	2	1,770		
Ironworker	1	1,800	1	1,800	1	1,800		
Joiner	1	1,800	1	1,800	1	1,800		
Mechanic	1	1,800	2	1,800	2	1,800		
Labor foreman	1	1,800	1	1,800	1	1,800		
Tinner	3	1,783	3	1,783	3	1,783		
Carpenter	56	1,772	56	1,769	55	1,767		
Sheet-metal worker	4	1,770	4	1,770	4	1,770		
Painter	17	1,747	17	1,744	17	1,744		
Locksmith	1	1,740	1	1,740	1	1,740		
Clerk	24	1,737	24	1,735	27.9	1,737		
Salary range, $1,500 to $1,860; average, $1,680—								
General mechanic	2	1,690	2	1,690	2	1,690		
Tinner	1	1,640	1	1,640	1	1,640		
Stenographer-typist	3	1,640	3	1,640	5	1,644		
Carpenter	47	1,590	48	1,579	48	1,576		
Painter	13	1,587	13	1,587	13	1,587		
Clerk-stenographer	1	1,560	1	1,560	2	1,530		
Stenographer	1	1,560	1	1,560	1	1,560		
Brickmaker	1	1,560	1	1,560	1	1,560		
Clerk	34	1,542	35	1,544	34.2	1,576		
Clerk-typist	2	1,530	4	1,595	5	1,612		
Labor	2	1,500	2	1,500	2	1,500		
Draftsman	1	1,500	1	1,500	1	1,500		
Copyist-draftsman			1	1,320	1	1,320		
Salary range, $1,320 to $1,680; average, $1,500—								
Foreman utilities	1	1,500	1	1,500	1	1,500		
Typist			1	1,500	1	1,440		
Stenographer-typist	6	1,483	6	1,483	7.2	1,452		
Clerk-stenographer	2	1,470	2	1,470	1	1,500		
Clerk	39	1,440	39	1,428	40.6	1,431		
Record clerk					1	1,440		
Stenographer	1	1,440	1	1,440	1	1,440		
Locksmith	1	1,440	1	1,440	1	1,440		
Mason	3	1,440	3	1,440	3	1,440		
Tinner	1	1,440	1	1,440	1	1,440		
Carpenter	18	1,434	18	1,428	18	1,428		
Painter	10	1,401	11	1,397	11	1,397		
Clerk-typist	3	1,360	3	1,360	4	1,380		
Cost clerk	1	1,320	1	1,320	1	1,320		
Salary range, $1,140 to $1,500; average, $1,320—								
Carpenter	1	1,292	1	1,292	1	1,292		
Painter	2	1,290	2	1,290	2	1,230		
Blue printer	1	1,260	1	1,260	1	1,260		
Elevator repair man	1	1,242	1	1,242	1	1,242		
Tinner	1	1,240	1	1,240	1	1,240		
Clerk	14	1,235	15	1,241	15	1,221		
Copyist-draftsman			1	1,200	0.6	1,200		
Assistant engineering draftsman			1	1,200	0.8	1,200		
Multigraph operator			1	1,200	1	1,200		
Laborer	10	1,192	13	1,343	9.6	1,142		
Salary range, $1,020 to $1,260; average, $1,140—								
Mason	2	1,260	2	1,260	2	1,260		
Carpenter	7	1,191	7	1,191	7	1,191		
Laborer	5	1,075	7	1,073	7	1,074		
Concrete worker					1	1,090		
Janitor-chauffeur	1	1,080	1	1,080	1	1,080		
Salary range, $900 to $1,140; average, $1,020—								
Laborer	2	1,002	2	1,002	2	1,002		
Painter	1	996	1	996	2	978		
Messenger			1	960	1	960		
Mason	1	960	1	960	1	960		
Sawmill operator	1	900	1	900	1	900		
Salary range, $600 to $780; average, $690—								
Laborer	7	745	7	745	15	692		
Carpenter					12	683		
Painter					5	666		
Mason					1	660		
Salary range, $120 to $600; average, $510—								
Carpenter					1	576		
Laborer					7	500		
Total average number of employees	573		601		664.3			
Total salaries and wages, field service		1,040,485		1,085,089		1,174,189		
The difference between 1929 and 1928 is due to—								
Decrease in force ($50,420 transferred to other appropriations)	$50,420							
Increase in salaries	5,816							
Net decrease	44,604							
Deduct allowance value of quarters, subsistence, etc., furnished		12,940		13,320		14,220		
01 Cash payment, salaries and wages		1,027,545		1,071,769		1,159,969		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Barracks and Quarters—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Rents:			
1100	Rental of quarters, barracks and buildings for occupation by troops, for use as stables, storehouses, offices, and all other military purposes	$70,388	$69,875	$98,055
1100	Hire of recruiting stations and lodgings for recruits	86,566	86,566	82,770
1111	Rental of ground for cantonments, camp sites, and other military purposes	41,531	52,474	98,835
1111	Rental of camp site for maneuvers	1,957		
11	Total rents	200,442	208,915	279,660
	Repair and alterations:			
12	Barracks, quarters, stables, storehouses, magazines, administration and office buildings, sheds, shops, reclamation plants; other buildings necessary for the shelter of troops, public animals, and stores; other public buildings at military posts; flooring and framing for tents; screen doors, window screens and shades, and storm doors and sash for barracks, offices, and quarters, maintenance and repair	4,130,156	3,078,223	2,280,862
12	Buildings for field exercises, maintenance and repair	375		
12	Total repair and alterations	4,130,531	3,078,223	2,280,862
	Equipment:			
3010	Furniture for public rooms of officers' messes and officers' quarters at military posts, wall lockers in permanent barracks, and refrigerators in barracks and quarters, maintenance and repair	70,000	34,350	
	Refrigerators, purchase of	60,295	108,580	
	Wall lockers, purchase of	184,787		
	Furniture, purchase of	326,400		
30	Total equipment	641,482	142,930	
31	Acquisition of land		27,000	[1] 6,130
				3,726,621
	Unobligated balance			34,321
	Total	6,000,000	4,528,837	3,760,942

[1] Appropriated in second deficiency act, 1926, for expenditure to June 30, 1927.

Barracks and Quarters, Philippine Islands—

Continuing the work of providing for the proper shelter and protection of officers and enlisted men of the Army of the United States lawfully on duty in the Philippine Islands, including repairs and payment of rents, the acquisition of title to building sites, and such additions to existing military reservations as may be necessary, and including also shelter for the animals and supplies and all other buildings necessary for post administration purposes, and for shelter and repair thereof, and rentals for United States troops in China, $350,000: *Provided*, That no part of the said sum shall be expended for the construction of quarters for officers of the Army (*U. S. C., p. 172, sec. 72; act Feb. 23, 1927, vol. 44, p. 1116*) $350,000.00 $350,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
11	Rental of grounds for providing the proper shelter and protection for officers and enlisted men of the Army, and for animals and supplies, and all other buildings necessary for post administration purposes, including rentals for the United States troops in China	$70,000	$70,000	$63,776
12	Shelter and protection for officers and enlisted men, animals and supplies, and all other buildings necessary for post administration purposes in the Philippine Islands, maintenance, operation, and repair	280,000	280,000	157,679
	Total	350,000	350,000	221,455

NOTE.—The expenditures in 1927 in excess of the appropriation for that year were made from the unexpended balances of prior appropriations.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Water and Sewers at Military Posts—		
Water and sewers at military posts: For procuring and introducing water to buildings and premises at military posts and stations; for the installation and extension of plumbing within buildings where the same is not specifically provided for in other appropriations; for the purchase and repair of fire apparatus, including fire-alarm systems; for the disposal of sewage, and expenses incident thereto; for repairs to water and sewer systems and plumbing; and for hire of employees, [$2,881,661] *$2,860,000*, of which amount not exceeding [$125,000] *$100,000* shall be available immediately for the procurement of fuel for the service of the fiscal year [1928] *1929* [and not exceeding $5,820 for installing pipe line at Fort Frank, Philippine Islands]: *Provided*, That not to exceed $50,000 of this appropriation shall be expended for new construction work (*U. S. C., p. 172, sec. 72; act Feb. 23, 1927, vol. 44, p. 1116*)	$2, 860, 000. 00	$2, 881, 661. 00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average*—		*Average*—		*Average*—	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $2,700 to $3,300; average, $3,000—						
Pumping plant operator	2	$3,000	2	$2,940	2	$2,940
Salary range, $2,400 to $3,000; average, $2,700—						
Pumping plant operator	1	2,800	1	2,640	1	2,640
Fire chief	4	2,580	4	2,580	4	2,580
Plumber	7	2,494	7	2,494	6.3	2,487
Salary range, $2,100 to $2,700; average, $2,400—						
Fire marshal	1	2,400	1	2,240	1	2,240
Fire chief	6	2,214	6	2,210	6	2,194
Plumber	6	2,207	6	2,180	6	2,180
Pumping plant operator	7	2,114	5	2,124	4.3	2,104
Salary range, $1,860 to $2,400; average, $2,100—						
Sprinkler mechanic	1	2,040	1	2,040	1	2,040
Fire chief	11	2,025	11	2,018	11	2,018
Plumber	39	1,986	39	1,984	39	1,983
Pumping plant operator	15	1,952	15	1,952	16	1,946
Pipe fitter	1	1,890	1	1,890	1	1,890
Assistant fire chief	1	1,860	1	1,860	1	1,860
Aero alarm inspector	1	1,860	1	1,860	1	1,860
Salary range, $1,680 to $2,040; average, $1,860—						
Chief ejector operator	1	1,800	1	1,800	1	1,800
Sprinkler mechanic	1	1,800	1	1,800	1	1,800
Fire fighter	1	1,800	1	1,800	1	1,800
Plumber	66	1,786	68	1,790	54	1,784
Pumping plant operator	18	1,783	18	1,782	19.6	1,773
Fire chief	4	1,740	4	1,740	4	1,740
Assistant fire chief	2	1,710	2	1,710	2	1,710
Driver	1	1,680	1	1,680	1	1,680
Salary range, $1,500 to $1,860; average, $1,680—						
Plumber	23	1,643	24	1,631	24	1,612
Fireman	4	1,640	4	1,640	4	1,640
Assistant fire chief	1	1,640	1	1,640	1	1,640
Pumping plant operator	20	1,581	20	1,581	19	1,568
Fire fighter	23	1,540	23	1,540	23	1,540
Driver	1	1,500	1	1,500	1	1,680
Salary range, $1,320 to $1,680; average, $1,500—						
Driver	3	1,460	3	1,460	3	1,460
Fire chief	3	1,460	3	1,460	3	1,440
Oiler and filter man	1	1,440	1	1,440	1	1,440
Sprinkler mechanic	1	1,440	1	1,440	1	1,440
Operator	18	1,439	18	1,432	18	1,429
Pumping plant fireman	20	1,435	20	1,435	20	1,441
Plumber	14	1,431	15	1,432	15	1,432
Fire fighter	11	1,363	11	1,363	11	1,363
Laborer	2	1,360	2	1,360	2	1,360
Salary range, $1,140 to $1,500; average, $1,320—						
Fire fighter	1	1,300	1	1,300	1	1,300
Plumber	3	1,244	3	1,244	3.7	1,264
Operator	9	1,211	9	1,211	10	1,210
Sprinkler mechanic	1	1,200	1	1,200	1	1,200
Laborer	5	1,176	6	1,180	4.6	1,175
Salary range, $1,020 to $1,260; average, $1,140—						
Incinerator operator	1	1,124	1	1,124	1	1,124
Sewage disposal plant operator	4	1,080	4	1,080	5	1,080
Fireman	3	1,044	3	1,044	4	1,074
Salary range, $780 to $1,020; average, $900—						
Sewage disposal plant operator	1	864	1	864	1	864
Salary range, $600 to $780; average, $690—						
Foreman					1	720
Oiler					2	720
Plumber	1	600	1	600	8	648
Artisan					2	642
Patrolman					2	630
Operator					4	600
Salary range, $420 to $600; average, $510—						
Plumber	10	492	10	492	10	492
Pump tender	1	480	1	480	1	480
Operator	5	474	5	474	5	474
Fireman, assistant operator	2	420	2	420	2	420
Foreman			1	540	1	540
Watchman					2	540
Laborer					6	528

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Water and Sewers at Military Posts—Continued.

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927			
		Average—		*Average—*		*Average—*			
		No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*		
	Field service—Continued.								
	Salaries and wages—Continued.								
	Salary range, $240 to $420; average, $330—								
	Assistant operator	4	$390	4	$390	4	$390		
	Laborer	1	366	1	366	1	366		
	Driver	2	360	2	360	2	360		
	Operator	1	330	1	330	1	330		
	Plumber	3	310	3	310	3	310		
	Fire fighter	6	300	6	300	6	300		
	Fireman	3	300	3	300	3	300		
	Pump tender	2	255	2	255	2	255		
	Total average number of employees	411		415		429.5			
	Total salaries and wages, field service		651,688		654,328		646,802		
	The difference between 1929 and 1928 is due to—								
	Decrease in force	$3,180							
	Increase in salaries	540							
	Net decrease	2,640							
	Deduct allowance value of quarters, subsistence, etc., furnished		23,688		24,048		24,300		
01	Cash payment, salaries and wages		628,000		630,280		622,502		
	Supplies and materials:								
0230	Fuel for incinerators and pumping plants		396,363		433,278		329,680		
0280	Operating supplies, including chemicals for purification of water and systems		60,000		60,000		24,519		
02	Total supplies and materials		456,363		493,278		354,199		
	Furnishing of heat, light, water, etc.:								
1040	Water, purchase of, at military posts and stations		585,000		585,000		592,082		
1080	Maneuvers and field exercises		1,140						
10	Total furnishing of heat, light, water, etc		586,140		585,000		592,082		
	Repairs and alterations:								
1220	Water and sewer systems, and all plumbing in buildings where not specifically otherwise provided for, including all piping for sprinkler systems, maintenance and repair		968,520		950,833		778,556		
1280	Fire apparatus, including fire-alarm systems, maintenance and repair		47,832		27,300		29,138		
1280	Incinerators and other apparatus for the disposal of sewage and garbage, maintenance and repair		41,220		50,500		23,460		
1290	Maneuvers and field exercises		275						
12	Total repairs and alterations		1,057,847		1,028,633		831,154		
30	Fire apparatus, including fire-alarm systems, installation		131,650		131,650		70,372		
32	Water and sewer systems, purchase and installation				12,820				
							2,470,309		
	Unobligated balance						887		
	Total		2,860.000		2,881,661		[1] 2,471,196		

[1] Includes $91,000 received through the "Purchase of discharges" by enlisted men.

Roads, Walks, Wharves, and Drainage—

For the construction and repair by the Quartermaster Corps of roads, walks, and wharves; for the pay of employees; for the disposal of drainage; for dredging channels; and for care and improvement of grounds at military posts and stations, [$1,007,000] *$1,230,000, of which amount not exceeding $80,000 shall be available immediately for making alterations to the barge-office slip, New York City, on Governors Island Ferry: Provided,* That none of the funds appropriated or made available under this act shall be used for the permanent construction of any new roads, walks, or wharves connected with any of the National Army cantonments or National Guard camps (*U. S. C., p. 172, sec. 72; act Feb. 23, 1927, vol. 44, p. 1116*) $1,230,000.00 $1,007,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Roads, Walks, Wharves, and Drainage—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average*—		*Average*—		*Average*—	
Salary range, $1,860 to $2,400; average, $2,100—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Foreman, track	1	$2,100	1	$2,025	1	$2,025
Foreman	1	1,860	1	1,860	1	1,860
Gardener					1	1,860
Salary range, $1,680 to $2,040; average, $1,860—						
Engineer, road roller	1	1,860	1	1,860	1	1,860
Caretaker	1	1,860	1	1,860		
Foreman, road	2	1,800	2	1,800	2	1,800
Skilled laborer	1	1,745	1	1,745	1	1,745
Engineer, rock crusher					1	1,740
Forester	1	1,640	1	1,640	1	1,640
Foreman, track	1	1,640	1	1,640	1	1,640
Gardener	3	1,640	3	1,587	3	1,587
Mason					1	1,640
Salary range, $1,320 to $1,680; average, $1,500—						
Foreman, labor	1	1,500	1	1,500	1	1,500
Laborer	4	1,438	4	1,438	4	1,438
Gardener	3	1,420	3	1,420	2	1,440
Trackman	2	1,388	2	1,388	2	1,388
Caretaker	9	1,373	9	1,373	8	1,370
Salary range, $1,140 to $1,500; average, $1,320—						
Crane operator					1	1,440
Foreman	1	1,320	1	1,320		
Gardener	4	1,266	4	1,246	5.25	1,243
Caretaker	5	1,248	5	1,248	4.25	1,228
Laborer	9	1,215	9	1,215	9	1,215
Foreman, road	1	1,200	1	1,200	1	1,200
Salary range, $1,020 to $1,260; average, $1,140—						
Trackman	2	1,200	2	1,200	2	1,200
Laborer	13	1,128	13	1,128	13	1,163
Foreman, track	1	1,020	1	1,020	1	1,020
Salary range, $900 to $1,140; average, $1,020—						
Caretaker	3	1,028	4	1,011	4	1,011
Laborer	20	925	20	925	12	921
Salary range, $780 to $1,020; average, $900—						
Caretaker					0.25	740
Salary range, $600 to $780; average, $690—						
Laborer					2	720
Caretaker			1	684	1	684
Trackman					1	600
Gardener					2	600
Salary range, $420 to $600; average, $510—						
Engineer, rock crusher					1	600
Fireman, rock crusher					1	450
Laborer					2	420
Salary range, $240 to $420; average, $330—						
Engineer, rock crusher					1	360
Gardener					1	360
Fireman, rock crusher					1	264
Caretaker	2	234	2	234	3	286
Total average number of employees	92		94		99.75	
Total salaries and wages, field service		112,761		114,090		115,029
The difference between 1929 and 1928 is due to—						
Decrease in force	$1,644					
Increase in salaries	315					
Net decrease	1,329					
Deduct allowances value of quarters, subsistence, etc., furnished		2,748		2,952		2,832
01 Cash payment, salaries and wages		110,013		111,138		112,197
Repairs and alterations:						
1210 Dredging channels		5,700		20,000		1,343
1210 Roads, walks, and drainage, including care and improvement of grounds at military posts and stations, maintenance and repair		550,037		443,078		344,523
1210 Railroads, sidings, and switches (Quartermaster Corps only), maintenance and repair		249,250		245,000		125,933
1240 Wharves (Quartermaster Corps only), maintenance and repair		315,000		187,784		123,823
12 Total repairs and alterations		1,119,987		895,862		595,622
				1,007,000		707,819
Unobligated balance						1,562
Reserve				(100,000)		
Total		1,230,000		1,007,000		709,381

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Shooting Galleries and Ranges—		
For shelter, grounds, observation towers, shooting galleries, ranges for small-arms target practice, machine-gun practice, field, mobile, and railway artillery practice, repairs, and expenses incident thereto, including flour for paste for marking targets, hire of employees, such ranges and galleries to be open as far as practicable to the National Guard and organized rifle clubs under regulations to be prescribed by the Secretary of War (*U. S. C., p. 172, sec. 72; act Feb. 23, 1927, vol. 44, p. 1116*)	$42,000.00	$40,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Rents:			
11 Rental of grounds for shooting galleries and ranges	$1	$1,002	$3,082
12 Shooting galleries and shelters, grounds, ranges for target practice, maintenance and repair	41,999	38,998	26,791
			29,873
Unobligated balance			127
Total	42,000	40,000	30,000

Rent of Buildings, Quartermaster Corps—

For rent of buildings and parts of buildings in the District of Columbia for military purposes, [$14,400] *$15,300*: *Provided*, That this appropriation shall not be available if space is provided by the Public Buildings Commission in Government-owned buildings (*act Feb. 23, 1927, vol. 44, p. 1116*) — 15,300.00 — 14,400.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
11 Rent of buildings in the District of Columbia for military purposes	$15,300	$14,400	$25,800
Unobligated balance			7,182
Total	15,300	14,400	32,982

Sewerage System, Fort Monroe, Va.—

For repair and maintenance of wharf and apron of wharf, including all necessary labor and material therefor, fuel for waiting rooms; water, brooms, and shovels, $20,280; for one-third of said sum, to be supplied by the United States (*act Feb. 23, 1927, vol. 44, p. 1116*) — $6,760.00

For rakes, shovels, and brooms; repairs to roadway, pavements, macadam and asphalt block; repairs to street crossings; repairs to street drains, and labor for cleaning roads, $8,469; for two-thirds of said sum, to be supplied by the United States (*same act*) — 5,646.00

For waste, oil, motor and pump repairs, sewer pipe, cement, brick, stone, supplies, and personal services, $6,690; for two-thirds of said sum, to be supplied by the United States (*same act*) — 4,460.00

16,866.00 — 16,866.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Supplies and materials:			
0280 Maintenance and repair of wharf	$6,760	$6,760	$6,760
0280 Maintenance and repair of roads	5,646	5,646	5,646
0280 Maintenance and repair of sewers	4,460	4,460	4,460
02 Total supplies and materials	16,866	16,866	16,866

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Construction and Repair of Hospitals— For construction and repair of hospitals at military posts already established and occupied, including all expenditures for construction and repairs required at the Army and Navy Hospital at Hot Springs, Arkansas, and for the construction and repair of general hospitals and expenses incident thereto, and for additions needed to meet the requirements of increased garrisons, and for temporary hospitals in standing camps and cantonments; for the alteration of permanent buildings at posts for use as hospitals, construction and repair of temporary hospital buildings at premanent posts, construction and repair of temporary general hospitals, rental or purchase of grounds, and rental and alteration of buildings for use for hospital purposes in the District of Columbia and elsewhere, including necessary temporary quarters for hospital personnel, outbuildings, heating and laundry apparatus, plumbing, water and sewers, and electric work, cooking apparatus, and roads and walks for the same, [$571,434] *$570,000*: *Provided*, That no part of this appropriation shall be used for the construction of new hospitals (*U. S. C., p. 172, sec. 72; act Feb. 23, 1927, vol. 44, p. 1117*)	$570,000.00	$571,434.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Rents:			
1100	Rental of buildings	$2,187	$2,367	$4,164
1111	Rental of grounds	301	301	301
11	Total rents	2,488	2,668	4,465
	Repairs and alterations:			
1200	Hospitals, including veterinary hospitals, outbuildings, and necessary quarters for hospital personnel, maintenance and repair	313,006	314,260	243,653
1210	Roads, and walks, maintenance and repair	27,200	27,200	32,578
1220	Water and sewer systems, maintenance and repair	90,306	90,306	35,606
1280	Heating apparatus, maintenance and repair	60,000	60,000	63,316
1280	Electric-wiring and gas-distributing systems, maintenance and repair	42,000	42,000	25,040
1280	Equipment, maintenance and repair	35,000	35,000	35,342
12	Total repairs and alterations	567,512	568,766	435,535
	Total	570,000	571,434	440,000

Total, support of the Regular Army under Quartermaster Corps	81,247,166.00	69,029,877.00

DEPARTMENTAL

Salaries, Office of Quartermaster General— Salaries: For personal services in the District of Columbia in accordance with the classification act of 1923 (*act Feb. 23, 1927, vol. 44, p. 1117*) [In addition to the foregoing employees appropriated for in the office of the Quartermaster General, the services of technical experts and such other services as the Secretary of War may deem necessary may be employed in the office of the Quartermaster General, to be paid from the appropriation for "Incidental expenses of the Army": *Provided*, That the entire expenditures for this purpose for the fiscal year 1928 shall not exceed $15,000, and there shall be included in the Budget for each fiscal year a statement of the number of persons so employed, their duties, and the amount paid to each.]	744,076.00	683,878.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average*—		*Average*—		*Average*—	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 5, $5,200 to $6,000; average, $5,600—						
Engineer	2	$5,200	2	$5,200	2	$5,200
Grade 4, $3,800 to $5,000; average, $4,400—						
Engineer	8	3,800	8	3,800	5	3,800
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate engineer	12	3,150	10	3,150	2	3,000
Associate patent examiner	1	3,100				
Associate attorney	2	3,150	2	3,150		
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant engineer	19	2,522	16	2,525		
Assistant attorney	1	2,400	1	2,400		
Grade 1, $1,860 to $2,400; average, $2,100—						
Junior attorney	1	1,920	1	1,920		
Junior engineer	1	2,100	1	2,100		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), data of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries, Office of Quartermaster General—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average— No.	Salary	Average— No.	Salary	Average— No.	Salary
Departmental service—Continued.						
Salaries—Continued.						
Subprofessional service—						
Grade 8, $2,400 to $3,000; average, $2,700—						
Chief engineering draftsman	2	$2,400				
Heraldic draftsman	1	2,400	1	$2,400	1	$2,400
Grade 6, $1,860 to $2,400; average, $2,100—						
Senior engineering draftsman	10	1,978	6	1,943	2	2,110
Senior marine draftsman	1	1,920	1	1,920	1	1,920
Grade 5, $1,680 to $2,040; average, $1,860—						
Topographical draftsman	3	1,860	3	1,860	3	1,860
Architectural draftsman	1	1,680	1	1,680	1	1,680
Library assistant	1	1,740	1	1,740	1	1,740
Junior marine draftsman	1	1,680	1	1,680	1	1,680
Grade 4, $1,500 to $1,860; average, $1,680—						
Assistant social-service worker	1	1,680	1	1,680	1	1,620
Grade 2, $1,140 to $1,500; average, $1,320—						
Apprentice engineering draftsman	3	1,240				
Clerical, administrative, and fiscal service—						
Grade 10, $3,300 to $3,900; average, $3,600—						
Junior administrative officer					1	3,900
Grade 9, $3,000 to $3,600; average, $3,300—						
Investigator					1	3,300
Accountant and auditor	1	3,000				
Senior administrative assistant	2	3,250	1	3,200	1	3,100
Senior administrative assistant—Chief clerk	1	3,000	1	3,000	1	3,000
Grade 8, $2,700 to $3,300; average, $3,000—						
Associate investigator	2	2,850	1	2,700		
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant	9	2,611	10	2,640	8	2,612
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	17	2,218	17	2,218	17	2,170
Transportation rate and traffic clerk	9	2,234	4	2,200	4	2,200
Grade 5, $1,860 to $2,400; average, $2,100—						
Senior clerk	28	1,991	29	1,988	22	1,959
Senior clerk-stenographer	1	2,100	1	2,100	2	2,030
Senior office draftsman	2	1,860	2	1,930	1	1,920
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	42	1,770	35	1,780	37	1,769
Head operator, office devices	1	2,040	1	2,040	1	2,040
Clerk-stenographer	12	1,745	9	1,742	9	1,693
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	62	1,577	69	1,577	57	1,575
Assistant clerk-stenographer	46	1,594	43	1,592	43	1,564
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	18	1,447	23	1,453	18	1,453
Junior stenographer	6	1,460	1	1,500	2	1,440
Junior clerk-stenographer	19	1,466	26	1,477	29	1,429
Junior clerk-typist	14	1,440	12	1,435	14	1,443
Junior office draftsman	1	1,680	1	1,680	1	1,680
Junior operator, office devices	2	1,440	2	1,440	1	1,440
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	1	1,260	1	1,260	2	1,200
Underclerk-typist	2	1,260	1	1,260	1	1,140
Underoperator, office devices	13	1,256	9	1,287	11	1,298
Custodial service—						
Grade 6, $1,500 to $1,860; average, $1,680—						
Mechanic	1	1,680	1	1,680	1	1,620
Grade 4, $1,140 to $1,500; average, $1,320—						
Undermechanic	1	1,260	1	1,260	1	1,200
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger	13	1,108	13	1,094	16	1,042
Grade 2, $900 to $1,140; average, $1,020—						
Laborer	2	1,020	1	1,020	2	1,020
Assistant messenger	1	960				
Total average number of employees	400		371		324	
Total salaries, departmental service		744,076.00		683,878.00		558,809.00
Transferred to "Contingent expenses, War Department," as authorized by second deficiency act, 1926, approved July 3, 1926						5,789.84
Unobligated balance						8,821.16
01 Total		744,076.00		683,878.00		573,420.00
The difference between 1929 and 1928 is due to—						
Transfer from "Incidental expenses"	$15,000					
Transfer from "Clothing and equipage"	3,300					
Transfer from "Army transportation"	11,380					
Transfer from "Barracks and quarters"	37,100					
	66,780					
Decrease in force	6,582					
Net increase	60,198					

Total under Quartermaster Corps	$81,991,242.00	$69,713,755.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
SIGNAL CORPS		
SUPPORT OF THE REGULAR ARMY		
Signal Service of the Army—		
Telegraph and telephone systems: Purchase, equipment, operation, and repair of military telegraph, telephone, radio, cable, and signaling systems; signal equipment and stores, heliographs, signal lanterns, flags, and other necessary instruments; wind vanes, barometers, anemometers, thermometers, and other meteorological instruments; photographic and cinematographic work performed for the Army by the Signal Corps; motor cycles, motor-driven and other vehicles for technical and official purposes in connection with the construction, operation, and maintenance of communication or signaling systems, and supplies for their operation and maintenance; professional and scientific books of reference, pamphlets, periodicals, newspapers, and maps for use of the Signal Corps and in the office of the Chief Signal Officer; telephone apparatus, including rental and payment for commercial, exchange, message, trunk-line, long-distance, and leased-line telephone service at or connecting any post, camp, cantonment, depot, arsenal, headquarters, hospital, aviation station, or other office or station of the Army, excepting local telephone service for the various bureaus of the War Department in the District of Columbia, and toll messages pertaining to the office of the Secretary of War; electric time service; the rental of commercial telegraph lines and equipment and their operation at or connecting any post, camp, cantonment, depot, arsenal, headquarters, hospital, aviation station, or other office or station of the Army, including payment for official individual telegraph messages transmitted over commercial lines; electrical installations and maintenance thereof at military posts, cantonments, camps, and stations of the Army, fire-control and direction apparatus and material for Field Artillery; salaries of civilian employees, including those necessary as instructors at vocational schools; supplies, general repairs, reserve supplies, and other expenses connected with the collecting and transmitting of information for the Army by telegraph or otherwise; experimental investigation, research, purchase, and development or improvements in apparatus, and maintenance of signaling and accessories thereto, including patent rights and other rights thereto, including machines, instruments, and other equipment for laboratory and repair purposes; tuition, laboratory fees, and so forth, for Signal Corps officers detailed to civilian technical schools for the purpose of pursuing technical courses of instruction along Signal Corps lines; lease, alteration, and repair of such buildings required for storing or guarding Signal Corps supplies, equipment, and personnel when not otherwise provided for, including the land therefor, the introduction of water, electric light and power, sewerage, grading, roads and walks, and other equipment required (*U. S. C., p. 177, sec. 212; act Feb. 23, 1927, vol. 44, p. 1117*)	$2,800,000.00	$2,228,552.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average*—		*Average*—		*Average*—	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate engineer			1	$3,000		
Subprofessional service—						
Grade 6, $1,860 to $2,400; average, $2,100—						
Senior engineering draftsman			0.8	2,100	0.9	$2,100
Clerical, administrative, and fiscal service—						
Grade 9, $3,000 to $3,600; average, $3,300—						
Senior administrative assistant			1	3,000	1	3,000
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk			1	2,300	1	2,300
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk			2	1,590		
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk			7	1,485	3.7	1,432
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk			1	1,140	0.9	1,140
Custodial service—						
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger			2	1,170	1	1,260
Total average number of employees			15.8		8.5	
Total salaries, departmental service				26,675		14,834
The difference between 1929 and 1928 is due to decrease in force by transfer to item "Salaries, Signal Office," $26,675.						

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Signal Service of the Army—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $5,200 to $6,000; average, $5,600—						
Physicist	1	$5,500				
Associate radio engineer	1	5,200	1	$5,200	1	$5,200
Cryptanalyst	1	5,200	1	5,200	1	5,200
Chief engineer	1	5,200	1	5,200	1	5,200
Salary range, $3,800 to $5,000; average, $4,400—						
Radio engineer	1	4,000	1	4,000	1	4,000
Salary range, $3,300 to $3,900; average, $3,600—						
Radio engineer	1	3,800	1	3,800	1	3,800
Associate radio engineer	1	3,800	1	3,800	1	3,300
Artist draftsman	1	3,600	1	3,600	1	3,600
Salary range, $2,700 to $3,300; average, $3,000—						
Auditor	1	3,000	1	3,000	1	3,000
Cable engineer	1	3,000	1	3,000	1	2,640
Civilian assistant	1	3,000	1	3,000	1	2,800
Designing engineer	1	3,000	1	3,000	1	3,000
Meteorologist	1	3,000	1	3,000	1	3,000
Assistant radio engineer	2	3,000	2	3,000	2	3,000
Associate radio engineer	2	3,000	2	3,000	1	3,000
Patent specification writer and prosecutor	1	3,000	1	3,000	1	3,000
Electrical engineer	7	2,986	7	2,986	8	3,000
Senior inspector	1	2,900	1	2,900	1	2,800
Civil engineer, superintendent of construction	1	2,700	1	2,700	1	2,700
Salary range, $2,400 to $3,000; average, $2,700—						
Telephone plant engineer	4	2,725	4	2,725	1	2,800
Chief clerk	4	2,725	4	2,725	4	2,700
Assistant electrical engineer	3	2,700	3	2,700	2	2,550
Pigeon expert	1	2,700	1	2,700	1	2,700
Radio engineer	1	2,700	1	2,700	2	2,850
Telephone engineer	1	2,700	1	2,700	2	2,700
Specification engineer	3	2,666	2	2,650	2	2,750
Cable engineer	1	2,640	1	2,640	1	2,640
Instrument maker	1	2,640	1	2,640	1	2,640
Meteorologist	1	2,600	1	2,600	1	2,500
Electrical engineer	2	2,500	2	2,500	4	2,700
Electrical assistant	2	2,700	2	2,700	3	2,700
Salary range, $2,100 to $2,700; average, $2,400—						
Clerk	1	2,560	1	2,560	2	2,500
Expert surveying and meteorological mechanician	1	2,500	1	2,500	1	2,500
Assistant electrical engineer	1	2,400	1	2,400		
Assistant radio engineer	3	2,400	3	2,400	1	2,400
Developer and timer	1	2,400	1	2,400	1	2,400
Electrical assistant	1	2,400	1	2,400	1	2,400
Inspector	1	2,400	1	2,400	2	2,700
Military storekeeper	1	2,400	1	2,400	1	2,100
Radio inspector	1	2,400	1	2,400	1	2,400
Chief clerk	4	2,375	4	2,375	7	2,357
Radio instrument maker	2	2,340	2	2,340	2	2,340
Telephone and telegraph engineer					2	2,320
Chief telegrapher	1	2,300	1	2,300	1	2,100
Draftsman	3	2,300	3	2,300	3	2,300
Machinist					1	2,300
Radio laboratory assistant	1	2,200	1	2,200	1	2,400
Salary range, $1,860 to $2,400; average, $2,100—						
Cabinetmaker					1	2,240
Inspector	1	2,200	1	2,200		
Cable splicer	1	2,140	1	2,140	1	2,040
Foreman carpenter	1	2,115	1	2,115	1	2,115
Cable electrician	1	2,100	1	2,100	1	2,100
Clerk	4	2,125	4	2,125	2	2,100
Electrical assistant	4	2,100	4	2,100	4	2,125
Military radio equipment expert					1	2,100
Vaultkeeper	1	2,100	1	2,100	1	2,100
Draftsman	8	2,065	8	2,065	6	2,083
Plumber	1	2,040	1	2,040	1	2,040
Storage battery repairman					1	2,040
Military storekeeper	2	2,010	2	2,010		
Photographic laboratory assistant					1	2,100
Radio laboratory assistant					1	2,040
Photographic laboratory assistant	2	2,010	2	2,010	2	1,860
Junior radio engineer	2	2,000	2	2,000		
Meteorological instrument maker	1	1,920	1	1,920	1	1,860
Radio laboratory assistant	1	1,900	1	1,900	1	1,740
Salary range, $1,680 to $2,040; average, $1,860—						
Military storekeeper	1	1,860	1	1,860	2	1,860
Clerk	11	1,816	11	1,816	4	1,860
Draftsman					2	1,860
Carpenter	4	1,812	4	1,812	4	1,810
Communication equipment repairman	1	1,800	1	1,800		
Foreman fireman	1	1,800	1	1,800	1	1,200
Foreman laborer					1	1,800
Painter	1	1,800	1	1,800		
Record and order clerk	1	1,800	1	1,800	1	1,740
Telegrapher	5	1,850	5	1,850	5	1,716
Wireman	1	1,800	1	1,800	1	1,800
Packer					1	1,770
Electrical foreman	1	1,740	1	1,740		
Radio repairman					2	1,740
Salary range, $1,500 to $1,860; average, $1,680—						
Draftsman	1	1,680	1	1,680	1	1,680
Film editor	1	1,680				
Foreman packer	2	1,680	2	1,680	2	1,680

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Signal Service of the Army—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average—		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Field service—Continued.						
Salaries and wages—Continued.						
Salary range, $1,500 to $1,860; average, $1,680—Con.						
Title writer and index supervisor	1	$1,680	1	$1,680	1	$1,680
Cable splicer	2	1,640	2	1,640	1	1,640
Clerk	19	1,650	19	1,650	22	1,677
Salary range, $1,320 to $1,680; average, $1,500—						
Military storekeeper	2	1,560	2	1,500	3	1,640
Stockman	1	1,500	1	1,500	1	1,500
Clerk	50	1,468	50	1,468	39	1,457
Telephone operator	2	1,500	2	1,500	3	1,440
Telegrapher	1	1,440	1	1,440		
Assistant plumber	1	1,440	1	1,440	1	1,440
Chief telephone operator	3	1,440	3	1,440	3	1,440
Packer	2	1,440	2	1,440	1	1,440
Photostat operator	1	1,440	1	1,440	1	1,440
Salary range, $1,140 to $1,500; average, $1,320—						
Checker	1	1,380	1	1,380	1	1,380
Laborer	5	1,376	5	1,376	12	1,320
Packer	5	1,304	5	1,304	4	1,350
Clerk	16	1,250	15	1,265	8	1,253
Telephone operator	16	1,261	16	1,261	18	1,257
Messenger	1	1,260	1	1,260		
Fireman-gardener					1	1,200
Fireman	11	1,200	11	1,200	12	1,200
Salary range, $1,020 to $1,260; average, $1,140—						
Laborer	1	1,140	1	1,140	1	1,140
Telephone operator	9	1,120	9	1,120	3	1,140
Messenger	3	1,140	4	1,140	4	1,140
Fireman	3	1,080	3	1,080	3	1,080
Salary range, $900 to $1,140; average, $1,020—						
Messenger	2	1,080	2	1,080	3	1,080
Janitor	1	1,020	1	1,020	1	1,020
Telephone operator	16	986	15	984	18	1,007
Salary range, $780 to $1,020; average, $900—						
Messenger					1	900
Storekeeper	1	900	1	900	1	900
Telephone operator	10	852	10	852	10	888
Salary range, $600 to $780; average, $690—						
Messenger	1	720	1	720	1	900
Telephone operator					6	760
Carpenter					1	750
Draftsman					1	626
Cable and telephone repairman and cable splicer					1	626
Charwoman	1	600	1	600	1	600
Salary range, $420 to $600; average, $510—						
Telephone operator	1	480	1	480		
Stock record clerk	1	480	1	480	1	480
Telephone operator	7	465	7	465	8	465
Carpenter and cabinetmaker	1	459	1	452	1	450
Storehouseman	1	422	1	420	1	420
Machinist and saddler	1	421	1	420	1	420
Driver					1	360
Total average number of employees	334		330		331	
Total salaries and wages, field service		648,439		637,419		631,811
The difference between 1929 and 1928 is due to—						
Transfer to appropriation "Salaries, Signal Office" $26,700						
Increase in force 11,020						
Net decrease 15,680						
Deduct expenditures for personal services included in objects named below		70,000		70,000		73,881
Net salaries and wages, field service		578,439		567,419		557,930
01 Total personal services		578,439		594,119		572,930
Supplies and materials:						
02012 Stationery for Signal Corps schools		2,500		2,500		2,000
0202 Office supplies for Signal Corps schools and laboratories		2,100		2,100		4,000
0203 Drafting		300		300		1,600
0204 Photographic		33,500		34,000		34,000
0204 Photostat		3,150		3,150		5,000
0205 Cleaning and preserving		2,000		4,000		
0221 Laboratory		6,000		3,700		3,660
0221 Meteorological		11,250		11,800		17,900
0222 Periodicals and pamphlets		500		500		600
0222 Training		5,950		6,535		5,651
0236 Gasoline and oils, Signal Corps vehicles		7,300		7,300		7,000
0236 Gasoline and oils, Signal Corps equipment		1,200		1,200		1,000
0250 Pigeon feed		2,900		2,900		2,000
0282 Radio		175,000		154,539		31,740
0282 Visual signal		600		500		500
0282 Telephone and telegraph		10,000		10,000		6,500
0282 Miscellaneous		2,250		2,250		2,800
0282 Incandescent lamps (Fort Monmouth)		475		475		475
0282 Fire apparatus (Fort Monmouth)		1,275		800		
0282 Radio system		50,000		20,000		5,327
0282 Telephone and telegraph systems		4,345		4,345		4,345
0282 Radio supplies for boats		2,500		2,500		2,575
0282 Mechanics, engineers, and electricians		7,800		7,800		9,000
0282 Sound and flash ranging		250		250		
0284 Repair shops		5,700		5,700		5,500
0284 Packing and crating		8,500		8,500		11,500
0286 Hydrogen gas		3,750		3,000		3,000
02 Total supplies and materials		351,095		300,644		167,673

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Signal Service of the Army—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Communication service:			
0500	Cablegrams, radiograms, and telegrams	$50,000	$50,000	$40,527
0500	Rental of telegraph lines and equipment	10,000	10,000	9,984
0510	Telephone service	199,800	206,600	182,349
05	Total communication service	259,800	266,600	232,860
	Furnishing of heat, light, power, and water:			
1020	Electric power	22,000	22,000	22,000
1030	Light (Fort Monmouth)	9,350	9,350	9,200
1040	Water (Fort Monmouth)	7,000	7,000	4,300
1080	Gas (Fort Monmouth)	625	625	625
10	Total, heat, light, power, and water	38,975	38,975	36,125
	Repairs and alterations:			
1200	Buildings (Fort Monmouth)	9,000	9,475	16,350
1210	Improvements to grounds (Fort Monmouth)	1,500	1,500	1,225
1210	Roads and walks (Fort Monmouth)	3,700	3,700	2,700
1220	Water and sewer systems (Fort Monmouth)	2,750	2,750	4,800
1260	Radio systems	25,000	25,000	41,000
1260	Telephone and telegraph systems	95,655	95,655	95,985
1280	Radio equipment (organization)	79,234	79,234	80,443
1280	Telephone and telegraph equipment (organization)	18,000	18,000	15,400
1280	Photographic equipment	1,500	1,500	1,500
1280	Meteorological equipment	6,000	5,200	2,000
1280	Scientific and technical apparatus	200	200	1,200
1280	Radio equipment for boats	2,500	2,500	2,500
1280	Electric light system (Fort Monmouth)	2,150	2,150	3,000
1280	Heating system (Fort Monmouth)	2,975	2,975	1,600
1280	Typewriters	170	170	100
1280	Fire apparatus (Fort Monmouth)	950	950	725
1280	Office and depot equipment	400	400	5,060
12	Total repairs and alterations	251,684	251,359	275,528
	Special and miscellaneous current expenses:			
1300	Royalties on patents	7,200	7,200	7,200
1310	Patent fees	1,000	1,000	1,000
1376	Clock regulation service	1,100	1,100	1,000
1381	Experimental and development work	156,518	127,070	58,896
13	Total special and miscellaneous expenses	165,818	136,370	68,096
22	Tuition of officers	2,210	2,150	1,645
	Equipment:			
3010	Office for Signal Corps school and laboratories	2,600	2,600	500
3021	Books, maps, and codes	1,600	1,400	2,000
3022	Scientific and technical	200	200	1,700
3022	Laboratory	14,000	3,000	2,560
3022	Photographic	5,000	4,500	4,500
3022	Photostat	1,450	1,450	1,800
3022	Meteorological	14,000	12,000	9,100
3039	Reel carts, wire carts, and accessories	8,000	5,350	10,000
3039	Pigeon service equipment	1,100	1,100	2,000
3039	Radio (organization)	300,000	166,093	134,400
3039	Air Corps radio equipment (special)	206,152		280,000
3039	Visual signal (organization)	4,000	6,000	2,000
3039	Telegraph (organization)	200	200	1,640
3039	Telephone (organization)	1,000	1,000	10,000
3039	Tool chests and tools (organization)	100	100	1,000
3039	Wire	246,781	250,000	
3039	Preservation of war reserve	10,000	4,180	
3039	Miscellaneous tools	2,000		
3039	Shop equipment	2,700	2,700	5,000
3039	Radio equipment for boats	10,000	7,413	5,925
3039	Training	2,546	2,199	6,155
3039	Miscellaneous	3,100	3,100	7,350
3039	Radio compass and intercept equipment	115,640		
3051	Heating stoves and parts (Fort Monmouth)	500	500	
3053	Telegraph typewriters	2,100	2,100	2,100
3054	Fire apparatus (Fort Monmouth)	2,750	2,750	
30	Total equipment	957,519	479,935	489,730
	Nonstructural improvements:			
3212	Construction radio systems	76,000	17,000	16,560
3212	Construction telephone and telegraph systems	102,060	35,000	15,000
32	Total nonstructural improvements	178,060	52,000	31,560
			2,117,152	1,871,147
	Savings reported to the Chief of Finance			12,983
	Unobligated balance			2,992
	Reserve		90,000	
		2,783,600	2,212,152	1,892,122
	Deduct amounts received from Veterans' Bureau (telephone service)	3,600	3,600	3,600
		2,780,000	2,208,552	1,888,522
	Add amounts transferred to other departments and establishments: Navy Department, naval working fund (experimental work)	20,000	20,000	20,000
	Total	2,800,000	2,228,552	1,908,522

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
FORTIFICATIONS		
Maintenance of Fire-Control Installations— For operation and maintenance of fire-control installations at seacoast defenses (*U. S. C., p. 1012, sec. 583; act Feb. 23, 1927, vol. 44, p. 1118*)	$115,000.00	$126,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average— No.	*Salary*	*Average*— No.	*Salary*	*Average*— No.	*Salary*
Departmental service:						
Salaries—						
Professional and scientific service—						
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate engineer			1	$3,000	2	$3,000
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant engineer			1	2,500	1	2,400
Subprofessional service—						
Grade 6, $1,860 to $2,400; average, $2,100—						
Senior engineering draftsman					0.1	2,100
Clerical, administrative, and fiscal service—						
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk			1	1,680	1	1,680
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk					1	1,680
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk			2	1,410	3.6	1,364
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk					0.1	1,140
Custodial service—						
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger					1	1,080
Total average number of employees			5		9.8	
Total salaries, departmental service				10,000		17,954
The difference between 1929 and 1928 is due to decrease in force by transfer to item "Salaries, Signal Office," $10,000.						
Field service:						
Salaries and wages—						
Salary range, $2,700 to $3,300; average, $3,000—						
Cable engineer	1	$3,100	1	3,100	1	3,100
Salary range, $2,400 to $3,000; average, $2,700—						
Clerk	1	2,500	1	2,500	1	2,500
Salary range, $1,860 to $2,400; average, $2,100—						
Electrical machinist	1	2,240	1	2,240	1	2,240
Shop inspector	1	2,040	1	2,040	1	2,040
Storage battery repair man	1	2,000	1	2,000	1	2,000
Salary range, $1,500 to $1,860; average, $1,680—						
Foreman packer	1	1,770	1	1,770	1	1,770
Clerk	1	1,680	1	1,680	1	1,680
Assistant clerk	1	1,680	1	1,680	1	1,680
Foreman cable seaman	1	1,660	1	1,660	1	1,440
Inspector buyer	1	1,500	1	1,500	1	1,500
Salary range, $1,140 to $1,500; average, $1,320—						
Cable seaman	2	1,480	2	1,480	2	1,260
Clerk	3.6	1,416	3.6	1,416	3.6	1,416
Packer	4	1,340	4	1,340	4	1,340
Total average number of employees	19.6		19.6		19.6	
Total salaries and wages, field service		33,719		33,719		33,060
Deduct allowance value of quarters, subsistence, etc., furnished		659		659		
Cash payment, salaries and wages		33,060		33,060		33,060
01 Total personal services		33,060		43,060		51,060
Supplies and materials:						
0221 Meteorological		400		400		500
0236 Gasoline and oils		250		250		250
0282 Radio systems		1,060		1,060		1,200
0282 Telephone, telegraph, and cable systems		3,000		3,000		2,500
0286 Hydrogen gas		100		100		100
0296 Paints and painters' supplies		250		250		250
02 Total supplies and materials		5,060		5,060		4,800
10 Electric power		1,000		1,000		1,000
Repairs and alterations:						
1260 Radio systems		560		560		800
1260 Telephone and telegraph systems		33,520		34,520		45,000
1260 Fire-control systems		5,000		5,000		6,466
1280 Meteorological		300		300		500
12 Total repairs and alterations		39,380		40,380		52,766
Equipment:						
3039 Tool chests and tools		500		500		600
3039 Miscellaneous tools		250		250		350
3053 Cables and accessories		35,750		35,750		30,000
30 Total equipment		36,500		36,500		30,950
Total		115,000		126,000		140,576

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Maintenance of Fire-Control Installations, Insular Possessions—		
For operation and maintenance of fire-control installations at seacoast defenses, insular possessions (*U. S. C., p. 1015, sec. 606; act Feb. 23, 1927, vol. 44, p. 1118*)	$35,000.00	$25,000.00

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Field service:						
	Salaries and wages—	Average—		Average—		Average—	
		No.	Salary	No.	Salary	No.	Salary
	Salary range, $2,700 to $3,300; average, $3,000—						
	Assistant electrical engineer	1	$3,000	1	$3,000	1	$3,000
	Salary range, $2,100 to $2,700; average, $2,400—						
	Junior telephone and telegraph engineer	1	2,300	1	2,300	1	2,300
	Salary range, $600 to $780; average, $690—						
	Cable and telephone repairman and cable splicer	1	626	1	626	1	626
	Cable splicer	2	626	2	626	2	626
	Carpenter and cabinetmaker	1	660	1	660	1	660
	Salary range, $200 to $420; average, $310—						
	Laborer	1	202	1	202	1	202
	Total average number of employees	7		7		7	
	Total salaries and wages, field service		8,040		8,040		8,040
	Supplies and materials:						
0236	Gasoline and oils		50		50		50
0282	Radio systems		750		750		550
0282	Telephone and telegraph systems		3,200		3,200		1,500
0296	Paints and painter's supplies		50		50		50
02	Total supplies and materials		4,050		4,050		2,150
10	Electric power		150		150		150
	Repairs and alterations:						
1260	Radio systems		920		920		500
1260	Telephone and telegraph systems		8,400		3,400		3,500
1260	Fire-control signal systems		1,250		1,250		2,360
12	Total repairs and alterations		10,570		5,570		6,360
	Equipment:						
3039	Tool chests and tools		675		675		150
3039	Miscellaneous tools		15		15		150
3053	Cables and accessories		11,500		6,500		9,000
30	Total equipment		12,190		7,190		9,300
	Total		35,000		25,000		26,000

Maintenance of Fire-Control Installations, Panama Canal—		
For operation and maintenance of fire-control installations at seacoast defenses, Panama Canal (*act Feb. 23, 1927, vol. 44, p. 1118*)	34,120.00	15,000.00

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Field service:						
	Salaries and wages—	Average—		Average—		Average—	
		No.	Salary	No.	Salary	No.	Salary
	Salary range, $2,400 to $3,000; average, $2,700—						
	Electrical assistant	1	$2,700	1	$2,700	1	$2,700
	Salary range, $600 to $780; average, $690—						
	Laborer	1	700	1	700	1	700
	Salary range, $420 to $600; average, $510—						
	Laborer	1	560	1	560	1	560
	Total average number of employees	3		3		3	
01	Total salaries and wages, field service		3,960		3,960		3,960
	Supplies and materials:						
0236	Gasoline and oils		47		47		30
0282	Radio systems		200		200		200
0282	Telephone and telegraph systems		1,198		1,198		500
0296	Paints and painters' supplies		50		50		60
02	Total supplies and materials		1,495		1,495		790
10	Electric power		50		50		50
	Repairs and alterations:						
1260	Radio systems		440		440		200
1260	Telephone and telegraph systems		4,192		1,192		1,100
1260	Fire-control signal systems		11,450		4,450		800
12	Total repairs and alterations		16,082		6,082		2,100

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Maintenance of Fire-Control Installations, Panama Canal—Continued.		

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Equipment:			
3039	Tool chests and tools	$258	$258	$50
3039	Miscellaneous tools	7	7	50
3053	Cables and accessories	3,148	3,148	3,000
3053	Replacement of cable No. 373, harbor defenses of Cristobal	9,120		
30	Total equipment	12,533	3,413	3,100
	Total	34,120	15,000	10,000

Total, fortifications under Signal Corps	$184,120.00	$166,000.00
Total, military under Signal Corps	2,984,120.00	2,394,552.00

DEPARTMENTAL

Salaries, Signal Office—

Salaries: For personal services in the District of Columbia in accordance with the classification act of 1923 (*act Feb. 23, 1927, vol. 44, p. 1118*) 94,000.00 56,836.00

[The services of skilled draftsmen and such other services as the Secretary of War may deem necessary may be employed only in the Signal Office to carry into effect the various appropriations for fortifications and other works of defense, and for the Signal Service of the Army, to be paid from such appropriations, in addition to the foregoing employees appropriated for in the Signal Office: *Provided*, That the entire expenditures for this purpose for the fiscal year 1928 shall not exceed $36,700, and the Secretary of War shall each year in the Budget report to Congress the number of persons so employed, their duties, and the amount paid to each.]

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—	*Average*—		*Average*—		*Average*—	
Professional and scientific service—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate engineer	2	$3,000				
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant engineer	1	2,500				
Subprofessional service—						
Grade 6, $1,860 to $2,400; average, $2,100—						
Senior engineering draftsman	1	2,100				
Clerical, administrative, and fiscal service—						
Grade 9, $3,000 to $3,600; average, $3,300—						
Senior administrative assistant	1	3,000				
Grade 8, $2,700 to $3,300; average, $3,000—						
Administrative assistant	1	2,700	1	$2,700	1	$2,700
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	2	2,200	1	2,100	1	2,100
Grade 5, $1,860 to $2,400; average, $2,100—						
Senior clerk	1	2,200	1	2,200	1	2,200
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	10	1,860	9	1,880	8.8	1,861
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	8	1,658	5	1,716	6	1,657
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	21	1,483	13	1,513	12.2	1,530
Grade 1, $1,140 to $1,500; average, $1,320—						
Under clerk	2	1,290	1	1,440	1	1,440
Custodial service—						
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger	5	1,104	3	1,06	3	1,040
Total average number of employees	55		34		34	
01 Total salaries, departmental service		94,000		56,836		56,580
Unobligated balance						385
Total		94,000		56,836		56,965

The difference between 1929 and 1928 is due to—

Adjustment of salaries under classification act	$464	
Transfer of 21 employees from the allotment roll to the regular roll	36,700	
Total increase	37,164	

Total under Signal Corps	3,078,120.00	2,451,388.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
AIR CORPS		
SUPPORT OF THE REGULAR ARMY		
Air Corps, Army—		
For creating, maintaining, and operating at established flying schools and balloon schools courses of instruction for officers, students, and enlisted men, including cost of equipment and supplies necessary for instruction, purchase of tools, equipment, materials, machines, textbooks, books of reference, scientific and professional papers, instruments and materials for theoretical and practical instruction; for maintenance, repair, storage, and operation of airships, war balloons, and other aerial machines, including instruments, materials, gas plants, hangars and repair shops, and appliances of every sort and description necessary for the operation, construction, or equipment of all types of aircraft, and all necessary spare parts and equipment connected therewith and the establishment of landing and take-off runways; for purchase of supplies for securing, developing, printing, and reproducing photographs in connection with aerial photography; improvement, equipment, maintenance, and operation of plants for testing and experimental work, and procuring and introducing water, electric light and power, gas and sewerage, including maintenance, operation, and repair of such utilities at such plants; for the procurement of helium gas; salaries and wages of civilian employees as may be necessary, and payment of their traveling and other necessary expenses as authorized by existing law; transportation of materials in connection with consolidation of Air Corps activities; experimental investigation and purchase and development of new types of aircraft, accessories thereto, and aviation engines, including plans, drawings, and specifications thereof, and the purchase of letters patent, applications for letters patent, licenses under letters patent and applications for letters patent; for the purchase, manufacture, and construction of airships, balloons, and other aerial machines, including instruments, gas plants, hangars and repair shops, and appliances of every sort and description necessary for the operation, construction, or equipment of all types of aircraft, and all necessary spare parts and equipment connected therewith; for the marking of military airways where the purchase of land is not involved; for the purchase, manufacture, and issue of special clothing, wearing apparel, and similar equipment for aviation purposes; for all necessary expenses connected with the sale or disposal of surplus or obsolete aeronautical equipment, and the rental of buildings, and other facilities for the handling or storage of such equipment; for the services of not more than four consulting engineers at experimental stations of the Air Corps as the Secretary of War may deem necessary, at rates of pay to be fixed by him not to exceed $50 a day for not exceeding fifty days each and necessary traveling expenses; purchase of special apparatus and appliances, repairs and replacements of same used in connection with special scientific medical research in the Air Corps; for maintenance and operation of such Air Corps printing plants outside of the District of Columbia as may be authorized in accordance with law; for publications, station libraries, special furniture, supplies, and equipment for offices, shops, and laboratories; for special services, including the salvaging of wrecked aircraft, [$20,396,300] *$24,817,268*: *Provided*, That not to exceed [$2,781,908] *$2,794,361* from this appropriation may be expended for pay and expenses of civilian employees other than those employed in experimental and research work; not exceeding $200,000 may be expended for the procurement of helium from the Bureau of Mines, which may be transferred in advance, in amounts as required, to that bureau; not exceeding $2,200,000 may be expended for experimental and research work with airplanes or lighter-than-air craft and their equipment, including the pay of necessary civilian employees; not exceeding [$275,000] *$200,000* may be expended for the production of lighter-than-air equipment; not exceeding [$1,062,935] *$1,736,619* may be expended for improvement of stations, hangars, and gas plants for the Regular Army and for such other markings and fuel-supply stations and temporary shelter as may be necessary, [of which $775,000 shall be available immediately;] not less than [$9,492,550] *$11,257,445* shall be expended for the production and purchase of new airplanes and their equipment, spare parts, and accessories, [of which $975,000 shall be available immediately and] of which not to exceed [$3,000,000] *$3,995,000* shall be available for the payment of obligations incurred under the contract authorization for these purposes carried in the War Department appropriation act for the fiscal year [1927] *1928*, approved [April 15, 1926] *February 23, 1927*; not more than $6,000 may be expended for settlement of claims (not exceeding $250 each) for damages to persons and private property resulting from the operation of aircraft at home and abroad when each claim is substantiated by a survey report of a board of officers appointed by the commanding officer of the nearest aviation post and approved by the Chief of Air Corps and the Secretary of War: *Provided further*, That section 3648, Revised Statutes, shall not		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Air Corps, Army—Continued. apply to subscriptions for foreign and professional newspapers and periodicals to be paid for from this appropriation: *Provided further*, That none of the funds appropriated under this title shall be used for the purpose of giving exhibition flights to the public other than those under the control and direction of the War Department, and if such flights are given by Army personnel upon other than Government fields a bond of indemnity, in such sum as the Secretary of War may require for damages to person or property, shall be furnished the Government by the parties desiring the exhibition: *Provided further*, That in addition to the amount herein appropriated and specified for expenditure for the production and purchase of new airplanes and their equipment, spare parts and accessories, the Chief of the Air Corps, when authorized by the Secretary of War, may enter into contracts prior to July 1, [1929] *1930*, for the production and purchase of new airplanes and their equipment, spare parts, and accessories to an amount not in excess of [$4,495,000] *$5,000,000*, and his action in so doing shall be deemed a contractual obligation of the Federal Government for the payment of the cost thereof. [The sum of $95,784 of the appropriation for the Air Corps for the fiscal year 1925 contained in the "Act making appropriations for the military and nonmilitary activities of the War Department for the fiscal year ending June 30, 1925, and for other purposes," approved June 7, 1924, shall remain available until June 30, 1928, for the payment of obligations incurred under contracts executed prior to July 1, 1925] (*U. S. C., p. 179, secs. 291, 298; act Feb. 23, 1927, vol. 44, p. 1119*)	$24,817,268.00	$20,396,300.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average— No.	*Salary*	*Average—* No.	*Salary*	*Average—* No.	*Salary*
Departmental service:						
Salaries—						
Professional and scientific service—						
Grade 4, $3,800 to $5,000; average, $4,400—						
Aeronautical mechanical engineer					0.3	$3,800
Grade 3, $3,000 to $3,600; average, $3,300—						
Patent specification writer			1	$3,100	0.7	3,000
Purchasing agent					0.6	3,350
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant attorney					0.4	2,700
Subprofessional service—						
Grade 6, $1,860 to $2,400; average, $2,130—						
Patent expert			1	2,400	1	2,330
Mechanical illustrator					0.4	1,860
Topographical illustrator					0.8	1,860
Clerical, administrative, and fiscal service—						
Grade 11, $3,800 to $5,000; average, $4,400—						
Cost accountant					0.8	4,000
Grade 9, $3,000 to $3,600; average, $3,300—						
Business specialist					1.5	3,000
Grade 8, $2,700 to $3,300; average, $3,000—						
Administrative assistant					0.6	2,700
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant					0.4	2,400
Photographer			1	2,600	1	2,420
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk			1	2,100	2	2,545
Transportation and traffic auditor					0.4	2,300
Grade 5, $1,860 to $2,400; average, $2,130—						
Senior cost accountant					0.4	2,400
Grade 4, $1,680 to $2,040; average, $1,860—						
Junior contract auditor			1	1,800		
Freight traffic clerk					0.3	1,740
Grade 3, $1,500 to $1,860; average, $1,680—						
Junior contract auditor					0.7	1,714
Clerk-typist					0.6	1,500
Photostat operator					0.4	1,500
Total average number of employees			5		13.3	
Total salaries, departmental service				12,000		33,675
The difference between 1929 and 1928 is due to transfer of allotment roll employees to regular roll, $12,000.						
Unobligated balance						36,325
Total				12,000		70,000
Field service:						
Salaries and wages—						
Salary range, $5,200 to $6,000; average, $5,600—						
Chief accountant	1	$5,200	1	5,200	1	5,200
Aeronautical engineer	1	5,200	1	5,200	1	5,200
Senior educationist	1	6,000	1	6,000	1	6,000
Salary range, $3,800 to $5,000; average, $4,400—						
Planning engineer					0.3	4,200
Aeronautical engineer	11	4,193	11	4,193	10.6	4,285
Mechanical engineer	2	4,300	2	4,300	1	4,500
Material testing engineer	1	4,800	1	4,800	1	4,800
Textile technologist	1	3,800	1	3,800	1	3,800
Wood technologist	1	3,800	1	3,800	1	3,800
Production supervisor	2	3,750	2	3,750	2	3,750
Patent expert	1	3,500	1	3,500	0.3	3,800
Metallurgist					0.1	3,800

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Air Corps, Army—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average—		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Field service—Continued.						
Salaries and wages—Continued.						
Salary range, $3,800 to $5,000; average, $4,400—Con.						
Parachute engineer	1	$4,800		$4,800		
Radio engineer	1	4,000	1	4,000	1	$4,000
Salary range, $3,300 to $3,900; average, $3,600—						
Aeronautical engineer	1	3,600	1	3,600	1	3,600
General foreman	1	3,500	1	3,500	1	3,500
Technical editor	1	3,500	1	3,500	1	3,400
Inspector of airplanes and airplane engines	1	3,300	1	3,300	1	3,300
Employment manager	1	3,100	1	3,100	1	3,000
Factory superintendent	1	3,600	1	3,600	1	3,600
Civilian assistant to executive officer	1	3,400	1	3,400	1	3,400
Airplane engineering representative					0.5	3,300
Airplane test pilot					0.4	3,400
Aeronautical physicist					0.5	4,200
Salary range, $3,000 to $3,600; average, $3,300—						
Associate aeronautical engineer	7	3,264	6.7	3,264	0	3,208
Associate mechanical engineer	8	3,210	7.7	3,210	7	3,208
Associate structural engineer	2	3,000	2	3,000	2	3,200
Associate material testing engineer	1	3,500	1	3,500	1	3,400
Associate aeronautical chemist	2	3,000	2	3,000	1	3,000
Associate metallurgist	1	3,100	1	3,100	1	3,100
Associate electrical engineer	3	3,300	3	3,300	3	3,200
Associate aerial navigation engineer	1	3,600	1	3,600	1	3,600
Associate physicist	1	3,000	1	3,000	1	3,000
Associate architectural engineer			0.5	3,600		
Parachute engineer					1	3,600
Senior purchasing agent	1	3,600	1	3,600	1	3,600
Inspector	4	3,200	4	3,200	4	3,175
General foreman	2	3,350	2	3,350	2	3,350
Salary range, $2,700 to $3,300; average, $3,000—						
Aeronautical designer	9	2,924	9	2,924	9	2,910
Aeronautical mechanical engineer	3	2,866	3	2,866	2	2,883
Administrative assistant	4	2,860	4	2,860	0.7	3,000
Chief storekeeper	1	3,000	1	3,000	1	3,000
Foreman	7	3,183	7	3,183	2	3,150
Planning supervisor	1	3,000	1	3,000	0.9	3,000
Chief clerk	1	2,900	1	2,900	1	2,900
Draftsman	1	3,200	1	3,200	1	3,200
Technical assistant	3	3,083	3	3,083	3	3,083
Airplane inspector	7	2,946	7	2,946	7	2,889
Salary range, $2,400 to $3,000; average, $2,700—						
Aeronautical mechanical engineer	10	2,800	10	2,800	8.4	2,726
Assistant architectural engineer					0.2	2,400
Assistant structural engineer	1	2,800	1	2,800	2	2,750
Assistant material testing engineer	1	2,600	1	2,600	1	2,600
Assistant aeronautical chemist	1	2,400	1	2,400		
Assistant wood technologist	1	2,500	1	2,500	1	2,400
Assistant electrical engineer	3	2,600	3	2,600	2.3	2,513
Assistant aerial navigation engineer	1	2,700	1	2,700	1	2,500
Assistant aeronautical engineer	9	2,743	8.7	2,743	7.8	2,620
Administrative assistant	1	2,700	1	2,700	1	2,300
Aeronautical designer	8	2,790	8	2,790	7	2,650
Production expert	4	2,500	4	2,500		
Liquid oxygen engineer	1	2,800	1	2,800	1	2,800
Technical assistant	3	2,400	3	2,400	3	2,500
Assistant aerial photographic engineer					0.1	2,800
Draftsman	2	2,925	2	2,925	2.3	2,873
Aerial photographer	1	2,600	1	2,600	2	2,700
Foreman	17	2,523	17	2,523	17	2,623
Inspector	42	2,428	42	2,428	36	2,490
Laboratorian	2	2,300	2	2,300	1	2,400
Traffic manager	1	2,800	1	2,800	1	2,800
Assistant airplane expert	2	2,550	2	2,550	3	2,700
Clerk	3	2,430	3	2,430	2	2,430
Cabinetmaker	1	2,520	1	2,520	1	2,520
Machinist	3	2,587	3	2,587	2.9	2,587
Instructor	1	2,315	1	2,315		
Senior instructor	4	2,700	4	2,700	4	2,650
Airplane maintenance assistant	6	2,650	6	2,650		
Salary range $2,100 to $2,700; average, $2,400—						
Aviation supply expert	3	2,633	3	2,633	3	2,480
Airplane liaison man	3	2,500	3	2,500	3	2,400
Foreman	9	2,421	9	2,421	10	2,399
Watchmaker	1	2,600	1	2,600	1	2,600
Junior purchasing agent	1	2,300	1	2,300	1	2,300
Production estimator	2	2,620	2	2,620	2.2	2,709
Inspector	49	2,350	49	2,350	43	2,351
Editorial assistant	2	2,425	2	2,425	3	2,400
Flight test observer	4	2,550	4	2,550	4	2,275
Commercial photographer	4	2,600	4	2,600	4	2,400
Draftsman	24	2,368	23.5	2,368	26.9	2,363
Translator	1	2,300	1	2,300	1	2,300
Technical assistant	3	2,150	3	2,150	3	2,150
Principal clerk	11	2,400	11	2,400	11	2,400
Clerk	3	2,225	3	2,225	3	2,225
Mechanic	33	2,213	33	2,231	4	2,189
Pattern maker	7	2,411	7	2,411	7	2,671
Chief operator gas plant	1	2,200	1	2,200	1	2,100
Machinist	4	2,160	4	2,160	4	2,160
Sheet metal worker	1	2,200	1	2,200	1	2,100
Laboratory assistant	1	2,400	1	2,400	1	2,400
Chief clerk	3	2,633	3	2,633	2.9	2,654
Aviation mechanic	8	2,363	7	2,363	1	2,400
Instructor	4	2,300	4	2,300	6	2,317

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Air Corps, Army—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average—		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Field service—Continued.						
Salaries and wages—Continued.						
Salary range, $2,100 to $2,700; average, $2,400—Con.						
Assistant instructor	3	$2,400	3	$2,400		
Shop superintendent	1	2,600	1	2,600	1	$2,640
Custodian	1	2,400	1	2,400		
Chief engineer	1	2,220	1	2,220	1	2,220
Salary range, $1,860 to $2,400; average, $2,130—						
Clerk	36	2,048	36	2,048	33.8	2,031
Junior engineer	15	2,040	15	2,040	11.8	1,950
Technical assistant	5	1,972	5	1,972	5	1,972
Junior chemist	3	1,860	3	1,860	2	2,050
Draftsman	1	2,120	1	2,120	2	2,100
Aeronautical computer	1	1,920	1	1,920	0.7	1,830
Inspector	11	2,120	11	2,120	8.3	2,110
Machinist	13	2,027	13	2,027	15	2,083
Mechanic	119	2,072	118.5	2,072	116.9	2,208
Aeronautical instrument maker	6	2,384	6	2,384	7	2,268
Chief, plant protection	1	2,400	1	2,400	1	2,400
Commodity supervisor	4	1,995	4	1,995	4	1,995
Warehouse superintendent	1	2,000	1	2,000	1	2,000
Foreman	17	2,156	17	2,156	13.3	2,156
Utilities superintendent	1	2,100	1	2,100	1	2,100
Garage superintendent	1	2,100	1	2,100	1	2,100
Radio supervisor	1	2,000	1	2,000	1	2,000
Storekeeper	2	2,040	2	2,040	2	2,040
Aviation supply expert	2	1,940	2	1,940	4	2,242
Blue print paper coater	2	1,980	2	1,980	2	1,980
Checker	1	1,920	1	1,920	1	1,920
Cabinetmaker	5.5	1,960	6	1,960	7	2,000
Chief clerk	2	2,170	2	2,170	2	2,140
Aviation mechanic	13	2,168	13	2,168	15	2,165
Aeronautical mechanical engineer					1	2,200
Instructor	10	2,130	10	2,130	10	2,120
Junior industrial aid	1	2,200	1	2,200		
Salary range, $1,680 to $2,040; average, $1,860—						
Editorial assistant	2	1,500	2	1,500	1	1,590
Foreman	10	1,858	10	1,858	10	1,858
Machinist	57	2,013	57	2,013	53	2,060
Inspector	6	1,917	6	1,917	5.3	1,927
Cabinet maker	13	1,871	13	1,871	12.1	1,875
Instrument repairman	3	1,867	3	1,867	1	1,840
Gas plant operator	1	1,800	1	1,800	1	1,800
Technical assistant	4	1,740	4	1,740	4	1,740
Library assistant					1	1,680
Radio operator	1	1,980	1	1,980	1	1,980
Storekeeper	11	1,827	11	1,827	11.3	1,805
Stock tracer	3	2,055	3	2,055	3	2,055
Truckmaster	3	1,780	3	1,780	3	1,780
Junior aeronautical draftsman	2	1,620	2	1,620	3	1,846
Registered nurse	1	1,740	1	1,740	1	1,740
Clerk	23	1,865	23	1,865	19.4	1,817
Stenographer	8	1,748	8	1,748	9.2	1,782
Commodity supervisor	9	1,753	9	1,753	9	1,753
Packer	2	1,770	2	1,770	2	1,770
Mechanic	217	1,906	214.7	1,906	204.9	1,883
Salary range, $1,500 to $1,860; average, $1,680—						
Mechanic	131	1,719	128.5	1,719	117.2	1,675
Stenographer	18	1,637	18	1,637	14	1,601
Library assistant	2	1,590	2	1,590		
Purchasing agent	1	1,920	1	1,920	1	1,920
Clerk	45	1,635	45	1,635	45	1,620
Typist					1	1,680
Airplane subassembler	11	1,750	11	1,750	11.7	1,750
Assistant chief, plant protection	1	1,800	1	1,800	1	1,800
Packer	2	1,770	2	1,770	3	1,670
Radio operator	2	1,740	2	1,740	1	1,680
Truck driver	9	1,553	9	1,553	9	1,508
Battery man	1	1,560	1	1,560	1	1,560
Industrial engineering aid					0.8	1,560
Office appliance operator	1	1,740	1	1,740	1	1,740
Storekeeper	13	1,690	13	1,690	12.2	1,690
Stock chaser	2	1,680	2	1,680	1	1,680
Foreman	2	1,740	2	1,740	2	1,680
Inspector	2	1,710	2	1,710	2	1,710
Commodity supervisor	5	1,620	5	1,620	5	1,592
Aviation supply expert	1	1,680	1	1,680	1	1,680
Truckmaster	1	1,800	1	1,800	1	1,800
Stenographer	5	1,656	5	1,656	1	1,740
Checker	3	1,700	3	1,700	3	1,700
Cabinet maker	5	1,700	5	1,700	5	1,668
Machinist	5	1,680	5	1,680	5	1,680
Instrument repairman	2	1,740	2	1,740	2	1,690
Sergeant of guards	4	1,655	4	1,655	4	1,655
Mechanic helper	3	1,689	3	1,680	3	1,680
Technical assistant	2	1,600	2	1,600	2	1,600
Laborer	1	1,740	1	1,740	1	1,740
Salary range, $1,320 to $1,680; average, $1,500—						
Foreman	7	1,520	7	1,520	7	1,493
Guard	41	1,475	41	1,475	40.9	1,475
Mechanic	58	1,449	56.6	1,449	45.2	1,509
Salvage inspector	1	1,560	1	1,560	1	1,560
Storekeeper	28	1,485	28	1,485	27	1,467
Commodity supervisor	6	1,460	6	1,460	6	1,450
Clerk	71	1,492	71	1,492	70.2	1,470
Stenographer	42	1,410	41.5	1,410	37.5	1,352

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Air Corps, Army—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service—Continued.						
Salaries and wages—Continued.	*Average—*		*Average—*		*Average—*	
Salary range, $1,320 to $1,680, average, $1,500—Con.	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Clerk-typist	21	$1,314	21	$1,314	22	$1,374
Librarian	2	1,560	2	1,560	2	1,560
Assistant nurse					0.8	1,320
Packer	13	1,440	12	1,440	10	1,440
Tractor driver	1	1,607	1	1,607	1	1,607
Junior draftsman	8	1,447	8	1,447	5	1,531
Chauffeur	8	1,472	8	1,472	6.7	1,522
Fire fighter	8	1,488	8	1,488	9.8	1,482
Office appliance operator	3	1,360	3	1,360	4.9	1,439
Checker	9	1,520	9	1,520	9	1,513
Stock chaser	2	1,470	2	1,470	2	1,470
Seamstress	1	1,380	1	1,380	1	1,380
Radio operator	1	1,560	1	1,560	1	1,500
Machinist	5	1,500	4	1,500	4	1,500
Instrument repairman	1	1,560	1	1,560		
Mechanic	11	1,492	11	1,492	11.5	1,510
Laborer	5	1,404	5	1,404	8	1,408
Salary range, $1,140 to $1,500; average, $1,320—						
Laborer	58	1,274	57.3	1,274	51.9	1,269
Clerk	60	1,317	60	1,317	50.6	1,302
Fire fighter	1	1,320	1	1,320	1	1,320
Mechanic's helper	76	1,287	76	1,287	72.8	1,291
Cement finisher	1	1,320	1	1,320	1	1,320
Tool crib attendant	2	1,500	2	1,500	2	1,500
Seamstress	1	1,200	1	1,200	1	1,200
Painter	2	1,320	2	1,320	2	1,320
Clerk-typist	37	1,290	37	1,290	36.7	1,220
Apprentice draftsman	5	1,200	5	1,200	6	1,102
Operator blue-print machine	3	1,180	3	1,180	3	1,180
Commodity supervisor	2	1,380	2	1,380	2	1,320
Checker	1	1,380	1	1,380	1	1,320
Packer	3	1,320	3	1,320	3	1,320
Radio operator	1	1,500	1	1,500	1	1,320
Chauffeur	16	1,331	16	1,331	16	1,331
Storekeeper	13	1,340	13	1,340	14	1,339
Fireman	7	1,320	6.6	1,320	6.6	1,320
Sergeant of guard	1	1,360	1	1,360	1	1,360
Guard	39	1,293	39	1,293	39	1,308
Mechanic	9	1,360	9	1,360	8	1,285
Janitor	3	1,263	3	1,263	3	1,263
Stenographer	11	1,337	11	1,337	12.5	1,333
Draftsman, assistant	2	1,350	2	1,350		
Salary range, $1,020 to $1,260; average, $1,140—						
Charwoman	1	1,200	1	1,200	0.5	1,100
Laboratory assistant	1	1,140	1	1,140	1	1,140
Laboratory aid	1	1,200	1	1,200	1	1,200
Junior telephone operator	3	1,120	3	1,120	3	1,120
Guard	16	1,148	16	1,148	16	1,155
Mechanic's helper	10	1,148	10	1,148	9.3	1,179
Salary range, $900 to $1,140; average, $1,020—						
Janitor	23	1,065	23	1,065	21.3	1,063
Laundress	1	1,000	1	1,000	1	1,000
Clerk	12	1,065	12	1,065	16	1,070
Stock chaser	1	1,080	1	1,080	1	1,080
Packer	1	1,080	1	1,080	1	1,080
Messenger	2	840	2	840	3	1,040
Watchman	1	960	1	960	1	960
Laborer	138	1,000	138	1,000	136.9	1,021
Salary range, $780 to $1,020; average, $900—						
Tracer	4	940	4	940	4.9	900
Press feeder	2	960	1.9	960	2.2	960
Mechanic's helper	1	780	1	780	1	780
Janitor	3	900	3	900	3	900
Clerk	1	840	1	840	2	840
Laborer	41	816	41	816	40.6	813
Translator					1	800
Salary range, $600 to $780; average, $690—						
Mechanic	9	720	8	720		
Messenger boy	9	708	9.5	708	11.4	723
Blue-print trimmer	6	720	6	720	7.3	720
Translator					1	750
Stenographer	2	720	2	720		
Laborer	2	759	2	759	1.8	759
Salary range, $420 to $600; average, $510—						
Messenger	2	555	2	555	2.1	555
Apprentice airplane assembler	6	574	6	574	5.5	574
Clerk	2	532	2	532		
Stenographer					1	600
Mechanic	10	540	10	540		
Salary range, $240 to $420; average, $330—						
Messenger					1	240
Laborer					11	360
Per diem employees (temporary)	63	85,230	62.2	84,148	42.1	61,619
Total average number of employees	2,429.3		2,416.4		2,245.7	
Total salaries and wages, field service		4,226,361		4,202,916		3,897,228
The difference between 1929 and 1928 is due to increase in force, $23,445.						
Deduct allowance value of quarters, subsistence, etc., furnished		21,620		21,620		25,140
Cash payment, salaries and wages, field service		4,205,761		4,181,296		3,872,088
01 Total personal services		4,204,741		4,193,296		3,905,763

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Air Corps, Army—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Supplies and materials:			
0200	Photographic and office supplies	$203,549	$122,640	$142,044
0220	Scientific and educational supplies	12,660	8,145	6,481
0230	Fuel	1,017,454	726,075	728,126
0240	Wearing apparel and sewing supplies	45,000	40,000	38,132
0280	Sundry supplies	296,000	189,112	182,453
0290	Materials (not specifically allocated)	47,300	31,725	23,562
02	Total supplies and materials	1,621,963	1,117,697	1,120,798
06	Travel expenses	139,400	122,260	106,412
07	Transportation of things (service)	183,960	194,500	109,306
08	Printing and binding	1,750	1,360	1,541
10	Furnishing of electric power, water, etc	47,800	44,300	40,499
12	Repairs and alterations	3,300,310	2,078,947	1,229,282
13	Special and miscellaneous current expenses	727,640	677,665	702,598
	Equipment:			
3010	Furniture, furnishings, and fixtures	11,200	7,000	5,618
3020	Educational, scientific, and recreational equipment	309,200	213,050	196,356
3030	Aircraft, engines, accessories, and hangars	11,868,185	10,019,474	8,668,856
3050	Machinery and life-saving equipment	623,500	401,600	269,981
30	Total equipment	12,812,085	10,641,124	9,140,811
32	Gas plants, technical structures, and runways	1,572,619	979,935	1,210,605
53	Settlement of damages by aircraft	6,000	6,000	2,000
		24,618,268	20,057,084	17,569,615
	Unobligated balance			80,604
	Reserve		255,000	
		24,618,268	20,312,084	17,650,219
	Add amounts transferred to Department of Commerce	199,000	180,000	119,903
	Total	24,817,268	[2] 20,492,084	[1] 17,770,122

[1] The expenditures for 1927 are in excess of the amount appropriated in the appropriation act for 1927, due to utilization of contract authorization available for that year and reimbursements.
[2] Excess of expenditures over appropriations will be made from reappropriated balances.

DEPARTMENTAL

Salaries, Office of Chief of Air Corps—

Salaries: For personal services in the District of Columbia in accordance with the classification act of 1923 (*act Feb. 23, 1927, vol. 44, p. 1120*) ..... $218,294.00 | $206,294.00

[The services of legal assistant, aeronautical engineers, skilled draftsmen, and such technical and other services as the Secretary of War may deem necessary, may be employed only in the office of the Chief of Air Corps to carry into effect the various appropriations for aeronautical purposes, to be paid from such appropriations, in addition to the foregoing employees appropriated for in the office of the Chief of Air Corps: *Provided*, That the entire expenditure for this purpose for the fiscal year 1928 shall not exceed $12,000, and the Secretary of War shall each year in the Budget report to Congress the number of persons so employed, their duties, and the amount paid to each] (*acts June 4, 1920, vol. 41, p. 768; Feb. 23, 1927, vol. 44, p. 1120*).

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average*—		*Average*—		*Average*—	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate patent examiner	1	$3,100			0.3	$3,000
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant attorney	1	2,800	1	$2,800	0.6	2,750
Subprofessional service—						
Grade 6, $1,860 to $2,400; average, $2,130—						
Patent expert	1	2,400				
Senior engineering draftsman	3	1,900	3	1,900	1.6	1,918
Grade 4, $1,500 to $1,860; average, $1,680—						
Assistant social-service worker	1	1,740	1	1,740	0.9	1,700
Junior library assistant	4	1,650	4	1,650	4	1,610
Clerical, administrative, and fiscal service—						
Grade 11, $3,800 to $5,000; average, $4,400—						
Assistant accountant and auditor	1	4,200	1	4,200	0.2	4,200
Grade 10, $3,300 to $3,900; average $3,600—						
Senior administrative assistant	1	3,300	1	3,300	0.5	3,300

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries, Office of Chief of Air Corps—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service—Continued.						
Salaries—Continued.						
Clerical, administrative, and fiscal service—Con.	*Average—*		*Average—*		*Average—*	
Grade 9, $3,000 to $3,600; average, $3,300—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Senior administrative assistant	1	$3,000	1	$3,000	1	$3,000
Grade 7, $2,400 to $3,000; average, $2,700—						
Photographer	1	2,500				
Junior administrative assistant	4	2,625	4	2,625	3.5	2,608
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	7	2,443	6	2,500	4.1	2,271
Principal stenographer	1	2,100	1	2,100	1	2,100
Senior accountant					1	2,700
Transportation rate and traffic auditor	1	2,400	1	2,400	0.6	2,332
Grade 5, $1,860 to $2,400; average, $2,130—						
Senior accounting and auditing assistant	1	2,400	1	2,400	0.6	2,400
Senior clerk-stenographer	1	1,860	1	1,860	1	1,860
Senior clerk	4	2,035	4	2,035	4.7	1,964
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	7	1,766	6	1,750	7.7	1,732
Principal stenographer	1	2,040	1	2,040		
Clerk-stenographer	5	1,800	5	1,800	6.7	1,672
Grade 3, $1,500 to $1,860; average, $1,680—						
Head typist	4	1,560	4	1,560	2.4	1,520
Senior stenographer	5	1,620	5	1,620	5.6	1,500
Assistant clerk	12	1,700	12	1,700	12.5	1,660
Senior operator, office devices	1	1,560	1	1,560	2.1	1,506
Assistant clerk-stenographer	15	1,648	15	1,648	15.2	1,650
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior stenographer	2	1,560	2	1,560	1.9	1,574
Junior clerk	10	1,560	10	1,560	9	1,539
Junior clerk-typist	7	1,388	7	1,388	5.8	1,396
Junior clerk-stenographer	9	1,450	9	1,450	9.3	1,402
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk-typist	3	1,200	3	1,200	2	1,160
Underoperator, office devices	3	1,180	3	1,180	2.6	1,142
Custodial service—						
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger	4	1,080	4	1,080	4	1,060
Senior laborer	1	1,080	1	1,080	1	1,040
Employees pertaining to office of Secretary of War carried on Air Corps roll temporarily					2	1,048
Total average number of employees	123		118		115.4	
Total salaries and wages, departmental service		218,294		206,294		192,576
Unobligated balance						13,718
Total		218,294		206,294		206,294
The difference between 1929 and 1928 is due to transfer of allotment roll employees to regular roll, $12,000.						

Total under Air Corps	$25,035,562.00	$20,602,594.00

Medical Department

SUPPORT OF THE REGULAR ARMY

Medical and Hospital Department—

For the manufacture and purchase of medical and hospital supplies, including disinfectants, for military posts, camps, hospitals, hospital ships and transports, for laundry work for enlisted men and Army nurses while patients in a hospital, and supplies required for mosquito destruction in and about military posts in the Canal Zone; for the purchase of veterinary supplies and hire of veterinary surgeons; for expenses of medical supply depots; for medical care and treatment not otherwise provided for, including care and subsistence in private hospitals of officers, enlisted men, and civilian employees of the Army, of applicants for enlistment, and of prisoners of war and other persons in military custody or confinement, when entitled thereto by law, regulation, or contract: *Provided*, That this shall not apply to officers and enlisted men who are treated in private hospitals or by civilian physicians while on furlough; for the proper care and treatment of epidemic and contagious diseases in the Army or at military posts or stations, including measures to prevent the spread thereof, and the payment of reasonable damages not otherwise provided for for bedding and clothing injured or destroyed in such prevention; for the pay of male and female nurses, not including the Army Nurse Corps, and of cooks and other civilians employed for the proper care of sick officers and soldiers, under such regulations fixing their number, qualifications, assignments, pay, and allowances as shall have been or shall be prescribed by the Secretary of War; for the pay of civilian physicians employed to examine physically applicants for enlistment and enlisted men and to render other professional services from time to time under proper authority; for the pay of other employees of

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Medical and Hospital Department—Continued. the Medical Department; for tuition of officers of the Medical Department, including the Army Nurse Corps, under section 127–a of the Army reorganization act approved June 4, 1920; for the payment of express companies and local transfers employed directly by the Medical Department for the transportation of medical and hospital supplies, including bidders' samples and water for analysis; for supplies for use in teaching the art of cooking to the enlisted force of the Medical Department; for the supply of the Army and Navy Hospital at Hot Springs, Arkansas; for advertising, laundry, and all other necessary miscellaneous expenses of the Medical Department, [$1,087,370] *$1,255,397*: *Provided*, That no part of this appropriation shall be used for payment of any expense connected with the publication of the Medical and Surgical History of the War with Germany (*U. S. C., p. 173, sec. 87; act Feb. 23, 1927, vol. 44, p. 1121*)	$1, 255, 397. 00	$1, 087, 370. 00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
Salary range, $3,300 to $3,900; average, $3,600—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Chemist	1	$3,300	1	$3,300	1	$3,300
Salary range, $2,700 to $3,300; average, $3,000—						
Sanitary inspector	1	3,300	1	3,300	1	3,300
Salary range, $2,400 to $3,000; average, $2,700—						
Clerk	1	2,700	1	2,700	1	2,700
Instructor	1	2,700	1	2,700	1	2,700
Salary range, $2,100 to $2,700; average, $2,400—						
Electrician			1	2,500	1	2,500
Clerk	4	2,300	4	2,275	4	2,275
Salary range, $1,860 to $2,400; average, $2,100—						
Clerk	4	2,140	4	2,155	4	2,155
Assistant chemist	1	2,100				
Laundry operative	2	2,100	1	2,100	1	2,100
Electrician	1	1,860				
Salary range, $1,680 to $2,040; average, $1,860—						
Mechanic	1	2,040	1	2,040	1	2,040
Carpenter	2	1,940	2	1,940	2	1,940
Laborers, superintendent of			1	1,840	1	1,840
Plumber	1	1,840	1	1,840	1	1,840
Clerk	4	1,830	4	1,830	4	1,830
Laundry operative			1	1,800	1	1,800
Storekeeper			1	1,680	1	1,680
Salary range, $1,500 to $1,860; average, $1,680—						
Inspector of medical supplies	1	1,800	1	1,800	1	1,800
Instructor	1	1,740	1	1,740	1	1,740
Laundry operative	3	1,800	3	1,600	3	1,600
Packer	3	1,740	3	1,740	3	1,740
Engineer	1	1,640	1	1,640	1	1,640
Mechanic foreman	1	1,620				
Clerk	30	1,610	36	1,641	36	1,641
Draftsman	1	1,600	1	1,600	1	1,600
Laborer foreman	2	1,560	2	1,560	2	1,560
Carpenter	1	1,560	1	1,560	1	1,560
Salary range, $1,320 to $1,680; average, $1,500—						
Instructor	1	1,680	1	1,680	1	1,680
Warehouseman	3	1,580	1	1,560	1	1,560
Dietitian	2	1,500	2	1,500	2	1,500
Mechanic	1	1,500	1	1,440	1	1,440
Clerk	28	1,444	28	1,462	28	1,462
Warehouse foreman	1	1,440	1	1,380	1	1,380
Electrician	1	1,440				
Storekeeper	1	1,380	1	1,380	1	1,380
Packer	20	1,377	22	1,377	22	1,377
Laundry operative	3	1,320	3	1,320	3	1,320
Salary range, $1,140 to $1,500; average, $1,320—						
Carpenter	2	1,470	2	1,380	2	1,380
Laundry operative	4	1,455				
Painter	1	1,440				
Plumber	1	1,440				
Clerk	6	1,390	5	1,335	5	1,335
Laborer, foreman	1	1,340	1	1,340	1	1,340
Cook, nurses' quarters	2	1,320	5	1,308	5	1,308
Fireman	1	1,260				
Laborer	5	1,260	1	1,320	1	1,320
Checker	1	1,200	1	1,200	1	1,200
Salary range, $1,020 to $1,260; average, $1,140—						
Laundry operative			9	1,240	7	1,240
Watchman	6	1,233				
Cook, nurses' quarters	4	1,230				
Stable foreman	1	1,200				
Laboratory attendant	1	1,200	1	1,200	1	1,200
Laborer	38	1,169	30	1,184	22	1,178
Messenger	3	1,160	4	1,170	4	1,170
Handy man	1	1,140				
Salary range, $900 to $1,140; average, $1,020—						
Laundry operative	6	1,110	12	1,069	12	1,069
Teamster	2	1,100				
Cook, nurses' quarters	3	1,080	7	1,106	7	1,106
Laborer	19	1,069	23	989	23	989
Clerk	2	1,020	1	1,080	1	1,080
Elevator operator	1	1,020	1	1,020	1	1,020

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Medical and Hospital Department—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average—		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Field service—Continued.						
Salaries and wages—Continued.						
Salary range, $780 to $1,020; average, $900—						
Cook, nurses' quarters	8	$924	3	$1,020	3	$1,020
Laundry operative	23	915	56	917	56	917
Messenger	1	900				
Seamstress	1	876	1	920	1	920
Mason			1	870	1	870
Laborer, foreman	5	867	5	869	5	869
Laborer	5	792				
Attendant, nurses' quarters	13	751	8	867	8	867
Ward attendant	1	780	1	840	1	840
Salary range, $600 to $780; average, $690—						
Clerk	1	780	1	780	1	780
Laundry operative	31	737	12	780	12	780
Laborer, foreman	2	661	2	738	2	738
Messenger girl	2	675	2	675	2	675
Ward attendant	1	660	1	720	1	720
Packer	2	660	2	660	2	660
Attendant, nurses' quarters	3	660	5	672	5	672
Cook	1	660	1	780	1	780
Watchman			1	660	1	660
Seamstress			1	644	1	648
Cook, nurses' quarters			3	632	3	632
Salary range, $420 to $600; average, $510—						
Painter			1	570	1	570
Laundry operative	5	552				
Cook	1	540	2	577	2	577
Nurses' aid	4	540	4	540	4	540
Cook, nurses' quarters	1	540				
Mosquito catcher	6	525	17	521	17	521
Laborer	56	517	57	481	57	481
Student nurse	150	487	150	487	150	487
Kitchen helper	2	480	2	480	2	480
Carpenter	1	480	1	480	1	480
Messenger	1	480	1	480	1	480
Attendant, nurses' quarters			11	472	11	472
Ward attendant			5	444	5	444
Maid					1	438
Seamstress			3	438	3	438
Dietitian, junior	5	420	5	420	5	420
Reconstruction aide, occupational therapy, junior	5	420	5	420	5	420
Reconstruction aide, physiotherapy, junior	7.5	420	7.5	420	7.5	420
Salary range, $240 to $420; average, $330—						
Seamstress	1	367				
Cook, nurses' quarters	5	330				
Painter	1	330				
Laborer	7	317	7	320	8	320
Ward attendant	5	312				
Cook	1	300				
Attendant, nurses' quarters	6	236				
Salary range, less than $240—						
Attendant, nurses' quarters	7	230				
Seamstress	3	158				
Total average number of employees	620.5		629.5		613.5	
Total salaries and wages, field service		506,793		568,380		539,645
The difference between 1929 and 1928 is due to increase in force, $10,300.						
Deduct allowance value of quarters, subsistence, etc., furnished		26,793		98,380		89,460
01 Cash payment, salaries and wages		480,300		470,000		450,185
Supplies and materials:						
0200 Stationery and office supplies		133,915		115,334		137,700
0210 Medical and hospital supplies		388,530		353,761		456,265
0220 Scientific and educational supplies		32,140		29,084		39,264
0230 Fuel		3,708		3,438		4,060
0250 Forage and other supplies for animals		2,690		2,573		2,200
0280 Sundry supplies		73,832		63,797		54,861
02 Total supplies and materials		634,815		567,987		694,350
07 Transportation of things (services)		1,000		1,000		1,000
10 Furnishing of power		21,140		21,480		21,479
12 Repairs and alterations		20,540		31,390		20,890
Special and miscellaneous current expenses:						
1391 Experimental and development work		8,000		300		
1373 Laundry		80,000		80,000		80,000
1377 Medical and surgical care and treatment		91,649		90,000		87,149
13 Total special and miscellaneous current expenses		179,649		170,300		167,149
22 Tuition of officers and nurses		4,200		4,200		4,200

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Medical and Hospital Department—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Equipment:			
3010 Furniture, furnishings, and fittings	$92,953	$97,549	$68,000
3020 Educational, scientific, and recreational	54,634	19,870	111,500
3050 Hospital	221,666	190,334	108,490
30 Total equipment	369,253	307,753	287,990
	1,710,897	1,574,110	1,647,243
Deduct amounts received from the following sources:			
Medical and hospital services, U. S. Veterans' Bureau	407,060	438,240	653,962
Care of hospital patients, Navy Department	4,500	4,500	5,910
National Guard, sales of medical supplies	30,000	30,000	33,000
Sales of medicines	18,500	18,500	15,500
Total amounts received	455,500	485,740	702,462
Net totals	1,183,144	1,087,370	944,781
Unobligated balance			4,824
Total	1,255,397	1,087,370	949,605

Hospital Care, Canal Zone Garrisons—

For paying the Panama Canal such reasonable charges, exclusive of subsistence, as may be approved by the Secretary of War, for carrying in its hospitals for officers, enlisted men, military prisoners, and civilian employees of the Army admitted thereto upon the request of proper military authority, $40,000: *Provided*, That the subsistence of the said patients, except commissioned officers, shall be paid to said hospitals out of the appropriation for subsistence of the Army at the rates provided therein for commutation of rations for enlisted patients in general hospitals (*act Feb. 23, 1927, vol. 44, p. 1121*) $40,000.00 $40,000.00

13 Special and miscellaneous current expenses (medical and hospital treatment): Expenditures—1929, $40,000; 1928, $40,000; 1927, $40,000.

Army Medical Museum—

For Army Medical Museum, preservation of specimens, and the preparation and purchase of new specimens (*act Feb. 23, 1927, vol. 44, p. 1122*) 8,500.00 7,500.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Supplies and materials:			
0200 Stationery and office supplies	$100.00	$100.00	
0220 Scientific and educational supplies	2,200.00	2,150.00	$2,183.95
0280 Supplies not specifically listed	850.00	700.00	644.35
02 Total supplies and materials	3,150.00	2,950.00	2,828.30
07 Transportation of things (service)	100.00	100.00	57.60
12 Repairs and alterations	200.00	200.00	163.71
Equipment:			
3020 Educational, scientific, and recreational	3,800.00	3,850.00	3,868.66
3050 Equipment not otherwise listed	1,250.00	400.00	397.62
30 Total equipment	5,050.00	4,250.00	4,266.28
			7,315.89
Unobligated balance			184.11
Total	8,500.00	7,500.00	7,500.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Library, Surgeon General's Office—		
For the library of the Surgeon General's Office, including the purchase of the necessary books of reference and periodicals (*act Feb. 23, 1927, vol 44, p. 1122*)	$19,500.00	$19,500.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
02 Supplies and materials	$400.00	$400.00	$490.73
07 Transportation of things (service)	400.00	400.00	420.14
12 Repairs and alterations	100.00	100.00	341.00
Equipment:			
3010 Furniture, furnishings, and fixtures	600.00	600.00	1,062.00
3020 Educational, scientific, and recreational	18,000.00	18,000.00	17,126.28
30 Total equipment	18,600.00	18,600.00	18,188.28
			19,440.15
Unobligated balance			59.95
Total	19,500.00	19,500.00	19,500.00

Total, support of the Regular Army under Medical Department	1,323,397.00	1,154,370.00

DEPARTMENTAL

Salaries, Office of Surgeon General—		
Salaries: For personal services in the District of Columbia in accordance with the classification act of 1923 (*act Feb. 23, 1927, vol. 44, p. 1122*)	261,347.00	261,347.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Clerical, administrative, and fiscal service—						
Grade 10, $3,300 to $3,900; average, $3,600—	*Average*—		*Average*—		*Average*—	
Junior administrative officer (executive assistant and chief clerk)	*No.* 1	*Salary* $3,500	*No.* 1	*Salary* $3,500	*No.* 1	*Salary* $3,500
Grade 8, $2,700 to $3,300; average, $3,000—						
Administrative assistant (assistant to the chief clerk)	1	2,800	1	2,700	1	2,755
Grade 7, $2,400 to $3,300; average, $2,700—						
Junior administrative assistant (principal clerk of division)	4	2,550	3	2,567	3.3	2,532
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	4	2,175	5	2,200	4.7	2,198
Grade 5, $1,860 to $2,400; average, $2,111—						
Senior clerk	7	2,006	6	2,060	5.9	2,026
Senior translator	1	1,860	1	1,860	0.5	2,002
Senior photographer	1	2,000	1	2,000	1	2,000
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	5	1,896	5	1,896	5.5	1,868
Clerk-stenographer	4	1,815	4	1,815	4	1,815
Grade 3, $1,500 to $1,860; average, $1,680—						
Asistant clerk	20	1,611	23	1,607	21.6	1,600
Assistant clerk-stenographer	17	1,698	18	1,700	17.8	1,692
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	14	1,496	13	1,491	13.4	1,441
Senior typist	8	1,448	8	1,433	8	1,441
Junior clerk-typist	15	1,500	13	1,509	14.4	1,495
Junior clerk-stenographer	6	1,460	6	1,450	6.1	1,431
Junior operator, office devices	4	1,395	3	1,420	3.6	1,406
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	3	1,200	3	1,180	3	1,191
Professional and scientific service—						
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate librarian (principal assistant librarian)	1	3,000	1	3,000	1	3,000
Grade, 2, $2,400 to $3,000; average, $2,700—						
Assistant librarian	1	2,400	1	2,400	1	2,400
Grade 1, $1,860 to $2,400; average, $2,111—						
Junior librarian	1	1,860	1	1,860	1	1,839
Subprofessional service—						
Grade 7, $2,100 to $2,700; average, $2,400—						
Principal engineering draftsman (architectural draftsman)	1	2,100	1	2,200	0.9	2,101
Grade 6, $1,860 to $2,400; average, $2,111—						
Senior medical technician (1 microscopist, 1 pathologist)	2	2,030	2	2,030	2	2,030
Senior scientific illustrator (anatomical artist)	1	2,000	1	2,000	1	2,000
Senior scientific aid (entomologist)	1	1,860	1	1,860	1	1,860
Senior library assistant (assistant librarian)	1	2,200	1	2,200	1	2,200
Grade 5, $1,680 to $2,040; average, $1,860—						
Library assistant	2	1,830	2	1,860	1.4	1,860
Grade 4, $1,500 to $1,860; average, $1,680—						
Junior library assistant	4	1,590	5	1,608	4.8	1,636
Grade 3, $1,320 to $1,680; average, $1,500—						
Under library assistant	8	1,455	8	1,440	8	1,438

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries, Office of Surgeon General—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service—Continued.						
Salaries—Continued.						
Custodial service—	*Average—*		*Average—*		*Average—*	
Grade 6, $1,500 to $1,860; average, $1,680—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Mechanic (1 engineer, 1 carpenter)	2	$1,620	2	$1,590	2	$1,607
Grade 4, $1,140 to $1,500; average, $1,320—						
Head messenger	1	1,320	1	1,260	1	1,293
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger	7	1,054	7	1,037	7	1,046
Minor mechanic (1 chauffeur, 3 firemen)	4	1,050	4	1,050	4	1,040
Guard (watchman)	3	1,020	3	1,020	2.9	1,011
Grade 2 (full time), $900 to $1,140; average, $1,020—						
Junior laborer	6	950	6	940	6	946
Grade 2 (part-time charwoman), 40 cents an hour—						
Junior laborer	4	376	4	376	4	378
Total average number of employees	165		165		164.8	
01 Total salaries, departmental service		261,347		261,347		259,157
Unobligated balance						5,190
Total		261,347		261,347		264,347

Total under Medical Department	$1,584,744.00	$1,415,717.00
BUREAU OF INSULAR AFFAIRS		
SUPPORT OF THE REGULAR ARMY		
Care of Insane Filipino Soldiers— For care, maintenance, and treatment at asylums in the Philippine Islands of insane natives of the Philippine Islands, conformable to the act of Congress approved May 11, 1908 (*U. S. C., p. 681, sec. 198; act Feb. 23, 1927, vol. 44, p. 1122*)	400.00	400.00
13 Care of insane Filipino soldiers: Expenditures—1929, $400; 1928, $400; 1927, $401.50.		
Care of Insane Porto Rican Soldiers— For care, maintenance, and treatment at asylums in Porto Rico of insane Porto Rican soldiers of the Forty-second and Sixty-fifth Regiments of Infantry (*act Feb. 23, 1927, vol. 44, p. 1122*)	50.00	50.00
13 Care of insane Porto Rican soldiers: Expenditures—1929, $50; 1928, $50; 1927, unobligated balance, $50.		
Total, support of the Regular Army under Bureau of Insular Affairs	450.00	450.00
DEPARTMENTAL		
Salaries, Bureau of Insular Affairs— Salaries: For personal services in the District of Columbia in accordance with the classification act of 1923 (*act Feb. 23, 1927, vol. 44, p. 1122*)	78,460.00	78,463.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Subprofessional service—	*Average—*		*Average—*		*Average—*	
Grade 5, $1,680 to $2,040; average, $1,860—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Library assistant	1	$2,040	1	$2,040	1	$2,040
Grade 3, $1,320 to $1,620; average, $1,500—						
Under library assistant	1	1,320	1	1,320	1	1,362
Clerical, administrative, and fiscal service—						
Grade 9, $3,000 to $3,600; average, $3,300—						
Senior administrative assistant (chief clerk)	1	3,500	1	3,500	1	3,350
Senior administrative assistant (disbursing officer)	1	3,000	1	3,000	1	3,000
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant	2	2,700	2	2,700	2	2,610
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	1	2,300	1	2,300	1	2,210
Grade 5, $1,860 to $2,400; average, $2,100—						
Senior clerk	4	2,100	4	2,100	4	2,082
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	6	1,980	6	1,980	6	1,980
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	4	1,785	4	1,785	4	1,785
Assistant clerk-stenographer	9	1,633	9	1,633	7	1,637

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries; Bureau of Insular Affairs—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service—Continued.						
Salaries—Continued.	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	2	$1,470	2	$1,470	1.4	$1,393
Junior stenographer	3	1,500	2	1,500	2	1,500
Junior clerk-stenographer	4	1,380	5	1,392	6.8	1,406
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	1	1,260	1	1,260		
Custodial service—						
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger	4	1,140	4	1,140	4	1,140
Total average number of employees	44		44		42.2	
01 Total salaries, departmental service		78,460.00		78,463.00		77,635.12
Unobligated balance						2,644.88
Total		78,460.00		78,463.00		80,280.00
Total under Bureau of Insular Affairs					$78,910.00	$78,913.00

Corps of Engineers

SUPPORT OF THE REGULAR ARMY

Engineer Depots—

For incidental expenses for the depots, including fuel, lights, chemicals, stationery, hardware, machinery, pay of civilian clerks, mechanics, laborers, and other employees; for lumber and materials and for labor for packing and crating engineer supplies; repairs of, and for materials to repair, public buildings, machinery, and instruments, and for unforeseen expenses (*act Feb. 23, 1927, vol. 44, p. 1122*) 90,000.00 87,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Clerical, administrative, and fiscal service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 3, $1,500 to $1,860; average, $1,680—						
Clerk					1.9	$1,534
Total average number of employees					1.9	
Total salaries, departmental service						2,915.01
Field service:						
Salaries and wages—						
Salary range, $2,400 to $3,000; average, $2,700—						
Instrument maker	1	$2,800	1	$2,800	1	2,800
Salary range, $2,100 to $2,700; average, $2,400—						
Chief clerk	1	2,400	1	2,400	1	2,300
Overseer	1	2,400	1	2,400	1	2,400
Storekeeper	1	2,100	1	2,100	1	2,100
Salary range, $1,860 to $2,400; average, $2,100—						
Clerk-stenographer			1	1,860	1.1	2,025
Foreman	1	2,100	1	2,100	1	2,040
Stock clerk	1	1,920	1	1,920	1	1,920
Instrument maker	1	1,920	1	1,860	1	1,860
Salary range, $1,500 to $1,860; average, $1,680—						
Clerk-stenographer	2	1,680				
Clerk	4	1,620	4	1,620	3	1,680
Checker	1	1,800	1	1,680	1	1,740
Foreman	1	1,800	1	1,800	1	1,800
Stock clerk	1	1,800	1	1,740	1	1,740
Packer	3	1,700	3	1,700	3	1,680
Assistant storekeeper	1	1,740	1	1,740	1	1,680
Shipping clerk	1	1,800	1	1,740	1	1,740
Carpenter	1	1,680	1	1,680	1	1,680
Instrument maker helper	1	1,560	1	1,500	1	1,500
Storekeeper	1	1,500	1	1,500	1	1,500
Typist	1	1,500	1	1,500	2	1,500
Skilled laborer	2	1,500	3	1,500	2	1,500
Clerk-stenographer			1	1,500		
Salary range, $1,320 to $1,680; average, $1,500—						
Checker	1	1,440			1	1,440
Clerk-stenographer	2	1,410	1	1,440	2	1,440
Skilled laborer	1	1,440			2	1,410
Packer	1	1,380				
Clerk			1	1,440		
Typist			1	1,380		
Salary range, $1,020 to $1,260; average, $1,140—						
Packer			1	1,260	1	1,260
Handyman	3	1,080	3	1,140	3	1,080
Laborer	3	1,080	3	1,080	5.2	1,080
Clerk					1	1,260

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Engineer Depots—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Field service—Continued.			
Salaries and wages—Continued.	*Average—*	*Average—*	*Average—*
	No. *Salary*	*No.* *Salary*	*No.* *Salary*
Salary range, $780 to $1,020; average, $900—			
Clerk	1 $900	1 $900	1 $900
Foreman	1 888	1 888	1 888
Mechanic	1 864	1 864	1 864
Salary range, $600 to $780; average, $690—			
Night watchman	2 720	2 720	2 720
Salary range, $420 to $600; average, $510—			
Laborer	7 540	6 540	7 540
Janitor and messenger		1 540	
Salary range, $240 to $420; average, $330—			
Laborer	4 336	4 336	1.7 336
Temporary labor (per diem employees)	5 1,000	4.5 1,000	1.1 1,000
Total average number of employees	59	58.5	56.1
Total salaries and wages, field service	76,446.00	75,801.00	75,000.97
The difference between 1929 and 1928 is due to—			
Increase in force	$405		
Increase in salaries	240		
Total increase	645		
01 Total personal services	76,446.00	75,801.00	77,915.98
Supplies and materials:			
0200 Stationery and office supplies	525.50	481.50	809.71
02012 Other stationery			53.54
0230 Fuel	580.00	580.00	392.81
0270 Explosives		200.00	
0280 Sundry supplies	2,102.50	2,023.50	3,429.94
0290 Materials	2,707.00	2,744.00	173.51
02 Total supplies and materials	5,915.00	6,029.40	4,859.51
10 Furnishing of light and power	166.00	163.60	55.00
12 Repairs and alterations	7,068.00	4,076.00	5,305.85
13 Special and miscellaneous current expenses			666.14
Equipment:			
3010 Furniture, furnishings, and fixtures	105.00	110.00	576.11
3020 Educational and scientific equipment			8.47
3050 Other equipment	300.00	570.00	368.90
30 Total equipment	405.00	680.00	953.48
32 Structures and parts		250.00	
			89,755.96
Unobligated balance			244.04
Total	90,000.00	87,000.00	90,000.00

Engineer School—

For equipment and maintenance of the Engineer School, including purchase and repair of instruments, machinery, implements, models, boats, and materials for the use of the school and to provide means for the theoretical and practical instruction of Engineer officers and troops in their special duties as sappers and miners; for land mining, pontoniering, and signaling; for purchase and binding of scientific and professional works, papers, and periodicals treating on military engineering and scientific subjects; for textbooks and books of reference for the library of the United States Engineer School; for incidental expenses of the school, including chemicals, stationery, hardware, machinery, and boats; for pay of civilian clerks, draftsmen, electricians, mechanics, and laborers; for compensation of civilian lecturers and for payment of tuition fees of not to exceed fifty student officers at civil technical institutions in addition to the 2 per centum of commissioned officers authorized to attend technical, professional, and other educational institutions as provided for in section 127a of the national defense act of June 3, 1916, as amended by the act of June 4, 1920; for unforeseen expenses; and for travel expenses of officers on journeys approved by the Secretary of War and made for the purpose of instruction, $29,910: *Provided*, That the traveling expenses herein provided for shall be in lieu of mileage and other allowances; and for other absolutely necessary expenses: *Provided further*, That section 3648, Revised Statutes, shall not apply to subscriptions for foreign and professional newspapers and periodicals to be paid for from this appropriation (*act Feb. 23, 1927, vol. 44, p. 1122*) $29,910.00 $29,910.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Engineer School—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
Salary range, $2,100 to $2,700; average, $2,400—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Librarian	1	$2,400	1	$2,400	1	$2,400
Salary range, $1,860 to $2,400; average, $2,100—						
Clerk-stenographer	1	1,920	1	1,920	1	1,920
Assistant librarian	1	1,800	1	1,800	1	1,800
Salary range, $1,320 to $1,680; average, $1,500—						
Clerk-stenographer	3	1,440	2	1,500	2.7	1,417
Clerk-typist	1	1,500	1	1,500	1	1,440
Civilian lecturer	3	50	3	50	1	68
Total average number of employees	7		6		6.7	
Total salaries and wages, field service		12,090.00		10,770.00		11,453.61
The difference between 1929 and 1928 is due to increase in force, $1,500.						
Deduct allowance value of quarters furnished		360.00		540.00		360.00
01 Cash payment, salaries and wages		11,730.00		10,230.00		11,093.61
Supplies and materials:						
0200 Stationery and office supplies		2,850.00		3,600.00		1,436.36
02012 Other stationery						96.82
0220 Scientific and educational supplies		2,280.00		2,280.00		54.47
0230 Fuel		200.00		200.00		320.12
0280 Sundry supplies		600.00		650.00		4,728.05
0290 Materials		500.00		450.00		
02 Total supplies and materials		6,430.00		7,180.00		6,635.82
06 Travel expenses		1,400.00		1,350.00		530.65
07 Transportation of things (service)						.81
Printing and binding:						
0800 Binding of textbooks		50.00		50.00		109.00
0810 Lithographing, engraving, and engrossing		100.00		100.00		
0820 Stenographic work, typewriting, and duplicating (job work)		100.00		100.00		81.00
08 Total printing and binding		250.00		250.00		190.00
10 Furnishing of heat, light, power, water, and electricity (service)		1,500.00		1,800.00		1,134.86
12 Repairs and alterations		150.00		150.00		198.13
13 Special and miscellaneous current expenses		7,500.00		8,000.00		8,002.82
Equipment:						
3010 Furniture and fixtures		150.00		150.00		561.22
3020 Educational and scientific equipment		350.00		350.00		620.80
3050 Other equipment		450.00		450.00		297.16
30 Total equipment		950.00		950.00		1,479.18
						29,265.88
Unobligated balance						569.12
Total		29,910.00		29,910.00		29,835.00

Engineer Equipment of Troops—

For pontoon material, tools, instruments, supplies, and appliances required for use in the engineer equipment of troops, for military surveys, and for engineer operations in the field, including the purchase, maintenance, operation, and repair of the necessary motor cycles; the purchase and preparation of engineer manuals and for a reserve supply of above equipment (*act Feb. 23, 1927, vol. 44, p. 1123*) $325,000.00 $85,408.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Clerical, administrative, and fiscal service—						
Grade 7, $2,400 to $3,000; average, $2,700—	*Average—*		*Average—*		*Average—*	
Junior administrative assistant (chief of division)	*No.*	*Salary*	*No.*	*Salary*	*No.* 1	*Salary* $2,600
Grade 5, $1,860 to $2,400; average, $2,111.12—						
Senior clerk					1	2,100
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk-typist					1.5	1,494
Total average number of employees					3.5	
Total salaries, departmental service						7,069.92

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Engineer Equipment of Troops—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Field service:			
Salaries and wages—	*Average—*	*Average—*	*Average—*
	No. *Salary*	*No.* *Salary*	*No.* *Salary*
Salary range, $3,000 to $3,600; average, $3,500—			
Chief draftsman	1 $3,100	1 $3,000	1 $3,300
Salary range, $2,400 to $3,000; average, $2,700—			
Draftsman	3 2,567	3 2,567	3 2,507
Salary range, $1,860 to $2,400; average, $2,100—			
Blacksmith	1 2,400	1 2,400	1 2,400
Carpenter	1 1,940	1 1,940	1 1,940
Salary range, $1,500 to $1,860; average, $1,680—			
Machinist	2 1,800	2 1,800	2 1,800
Salary range, $1,320 to $1,680; average, $1,500—			
Clerk	1 1,680	1 1,680	1 1,500
Salary range, $1,020 to $1,260; average, $1,140—			
Blacksmith helper	1 1,200		
Total average number of employees	10	9	9
Total salaries and wages, field service	21,620.00	20,320.00	19,969.19
The difference between 1929 and 1928 is due to increase in force, $1,200.			
Deduct allowance value of quarters	780.00	680.00	720.00
Cash payment, salary and wages	20,840.00	19,640.00	19,249.19
01 Total personal services	20,840.00	19,640.00	26,319.11
Supplies and materials:			
0200 Stationery and office supplies	20,110.00	7,750.00	8,439.55
0230 Fuel	130.00		23.67
0270 Explosives			31.50
0280 Sundry suplies	43,416.00	12,000.00	16,809.58
0290 Materials	12,550.00	6,000.00	227.95
02 Total supplies and materials	76,206.00	25,750.00	25,532.25
07 Transportation of things (service)	50.00		7.05
10 Furnishing of heat, electricity, etc	404.00		104.21
12 Repairs and alterations	1,210.00	565.00	970.79
13 Special and miscellaneous current expenses			314.98
Equipment:			
3020 Educational and scientific equipment	12,500.00	5,000.00	1,951.18
3030 War equipment	79,000.00	12,600.00	3,474.82
3050 Other equipment	133,090.00	21,583.00	3,447.12
30 Total equipment	224,590.00	39,453.00	8,873.12
32 Structures	1,700.00		
			62,121.51
Unobligated balance			183.49
Total	325,000.00	85,408.00	62,305.00

Engineer Operations in the Field—

For expenses incident to military engineer operations in the field, including the purchase of material and a reserve of material for such operations, the rental of storehouses within and outside of the District of Columbia, the operation, maintenance, and repair of horse-drawn and motor-propelled passenger-carrying vehicles, for services of surveyors, survey parties, draftsmen, photographers, master laborers, clerks, and other employees to Engineer officers on the staffs of division, corps area, and department commanders, and such expenses as are ordinarily provided for under appropriations for "Engineer depots" and "Military surveys and maps," $81,223: *Provided*, That when to the interest of the Government funds appropriated under this head may be used for the purchase of options on materials for use in engineer operations in the field: *Provided further*, That so much of this appropriation as is necessary to provide facilities for engineer training of troops may be expended for military construction work of a temporary character at camps and cantonments and at training areas, for training purposes only (*act Feb. 23, 1927, vol. 44, p. 1123*) ..... $81,223.00 | $81,223.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Departmental service:			
Salaries—			
Professional and scientific service—	*Average—*	*Average—*	*Average—*
	No. *Salary*	*No.* *Salary*	*No.* *Salary*
Grade 3, $3,000 to $3,600; average, $3,300—			
Associate engineer (mechanical engineer)			1 $3,097
Total average number of employees			1
Total salaries, departmental service			3,097.47

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Engineer Operations in the Field—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
Salary range, $3,800 to $5,000; average, $4,400—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Railroad equipment expert	1	$4,000	1	$4,000	0.7	$4,000
Salary range, $3,000 to $3,600; average, $3,300—						
Superintendent					0.2	3,100
Salary range, $2,400 to $3,000; average, $2,700—						
Assistant engineer	1	3,000			0.7	2,800
Junior engineer			1	2,800	0.9	2,700
Chief clerk	1	2,500	1	2,500	1	2,500
Principal clerk	1	2,500	1	2,500	1	2,500
Chief draftsman	2	2,500	2	2,500	1	2,500
Salary range, $2,100 to $2,700; average, $2,400—						
Chief draftsman	1	2,300	1	2,300	0.6	2,300
Clerk	1	2,300	1	2,300	1	2,300
Draftsman	1	2,100	1	2,100	1	2,100
Acting chief clerk	1	2,100				
Salary range, $1,860 to $2,400; average, $2,100—						
Acting chief clerk			1	2,000	1	2,000
Clerk-draftsman	1	2,100	1	1,980	1	1,980
Photographer	1	1,920	1	1,920	1	1,920
Topographical draftsman	1	1,920	1	1,920	1	1,920
Clerk	1	1,920				
Salary range, $1,500 to $1,860; average, $1,680—						
Clerk	5	1,627	6	1,700	1.7	1,794
Topographical draftsman	1	1,800	1	1,800	1	1,800
Packmaster	1	1,620	1	1,620	1	1,614
Salary range, $1,320 to $1,680; average, $1,500—						
Clerk					3.6	1,474
Clerk-stenographer	1	1,320				
Handyman	1	1,440	1	1,440	1	1,440
Salary range, $1,020 to $1,260; average, $1,140—						
Clerk-stenographer			1	1,260	1	1,260
Draftsman	1	1,020	1	1,020	1	1,020
Salary range, $780 to $1,020; average, $900—						
Draftsman	4	840	4	840	4	840
Salary range, $600 to $780; average, $690—						
Photographer	1	720	1	720	1	720
Lithographer	1	720	1	720	1	720
Temporary labor (per diem employees)	0.4	1,000	0.7	1,000	0.4	1,000
Total average number of employees	30.4		30.7		28.8	
Total salaries and wages, field service		54,198.00		54,244.00		29,595.57
The difference between 1929 and 1928 is due to—						
Decrease in force	$384					
Increase in salary	338					
Net decrease	46					
Deduct allowance value of quarters, subsistence, etc., furnished		144.00		144.00		144.00
Cash payment, salaries and wages		54,054.00		54,100.00		49,451.57
01 Total personal services		54,054.00		54,100.00		52,549.04
Supplies and materials:						
0200 Stationery and office supplies		5,027.38		5,322.65		5,162.83
02012 Other stationery						156.86
0220 Scientific and educational supplies		520.00		559.50		
0230 Fuel		1,040.00		1,782.50		418.00
0270 Explosives		50.00		50.00		12.74
0280 Sundry supplies		4,370.62		4,130.25		3,321.89
0290 Materials		8,254.00		9,023.00		3,195.01
02 Total supplies and materials		19,262.00		20,867.90		12,267.33
Communication service:						
0500 Telegraph service		180.00				
0510 Telephone service		600.00		600.00		
0520 Other communication service		120.00		120.00		
05 Total communication service		900.00		720.00		
06 Travel expenses		60.00				5.55
07 Transportation of things (service)		35.00				12.14
08 Lithographing, engraving, and engrossing		500.00		500.00		
10 Furnishing of light, power, etc		444.00		320.00		221.66
11 Rent of buildings		3,168.00		2,160.00		42.38
12 Repairs and alterations		575.00		550.00		7,082.44
13 Special and miscellaneous current expenses				35.00		90.50
Equipment:						
3010 Furniture, furnishings, and fixtures		1,435.00				395.57
3020 Educational and scientific equipment		70.00		705.10		390.34
3030 War equipment		100.00				9.21
3050 Other equipment		620.00		1,265.00		569.21
30 Total equipment		2,225.00		1,970.10		1,364.33
						73,635.37
Reserve						210.84
Unobligated balance						153.79
Total		81,223.00		81,223.00		74,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Military Surveys and Maps— For the execution of topographic and other surveys, the securing of such extra topographic data as may be required, and the preparation and printing of maps required for military purposes and for research and development of surveying by means of aerial photography and in field reproduction methods, to be immediately available and remain available until December 31, [1928] *1929*, $80,000: *Provided*, That the Secretary of War is authorized to secure the assistance, wherever practicable, of the United States Geological Survey, the Coast and Geodetic Survey, or other mapping agencies of the Government in this work and to allot funds therefor to them from this appropriation (*U. S. C., p. 1695, sec. 81; act Feb. 23, 1927, vol. 44, p. 1123*)	$80,000.00	$80,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average— *No.*	*Salary*	*Average—* *No.*	*Salary*	*Average—* *No.*	*Salary*
Departmental service:						
Salaries—						
Subprofessional service—						
Grade 5, $1,680 to $2,040; average, $1,860—						
Engineering draftsman (mechanical draftsman)					0.4	$1,860
Total average number of employees					0.4	
Total salaries, departmental service						694.50
Field service:						
Salaries and wages—						
Salary range, $2,700 to $3,300; average, $3,000—						
Topographic engineer	1	$3,200	1	$3,200	1	3,200
Foreman	1	3,000	1	3,000	1	3,000
Topographic draftsman					0.1	3,000
Topographic draftsman	1	2,800	1	2,800	1	2,800
Salary range, $2,400 to $3,000; average, $2,700—						
Clerk	1	2,800	1	2,800	1	2,800
Steam engineer	1	2,600	1	2,600	1	2,600
Topographic draftsman	2	2,550	2	2,550	2	2,550
Surveyor					0.1	2,500
Assistant engineer	1	2,500	1	2,500		
Salary range, $2,100 to $2,700; average, $2,400—						
Draftsman	1	2,400	1	2,400	0.5	2,100
Wet-plate photographer	1	2,400	1	2,400	1	2,400
Lithographer	1	2,400	1	2,400	1	2,400
Map modeler	2	2,300	2	2,300	2	2,300
Topographic draftsman	9	2,155	9	2,155	8	2,175
Salary range, $1,860 to $2,400; average, $2,100—						
Pressman	3	2,133	3	2,133	3	2,206
Transferer	3	2,100	3	2,100	3	2,100
Map mounter	1	2,100	1	2,100	1	2,100
Clerk	2	1,980	2	1,980	2	1,980
Draftsman	4	1,920	3	1,920	3	1,920
Pressman	2	1,890	2	1,890	2	1,890
Salary range, $1,680 to $2,040; average, $1,860—						
Negative cutter	1	1,860	1	1,860	1	1,860
Wet-plate photographer	1	1,800	1	1,800		
Topographic draftsman	1	1,800	1	1,800		
Negative cutter	1	1,740	1	1,740	1	1,740
Assistant wet-plate photographer	1	1,740	1	1,740	1	1,740
Pressman	1	1,740	1	1,740	1	1,740
Salary range, $1,500 to $1,860; average, $1,680—						
Negative cutter	1	1,620	1	1,620	1	1,620
Assistant map mounter	1	1,560	1	1,560	1	1,560
Pressman	1	1,560	1	1,560	1	1,560
Topographic draftsman	8	1,508	7	1,509	3	1,520
Clerk	1	1,500				
Salary range, $1,320 to $1,680; average, $1,500—						
Lithographer, artistic, junior	2	1,500	2	1,500	2	1,500
Assistant map modeler	1	1,500	1	1,500	1	1,500
Press feeder	3	1,440	3	1,440	3	1,440
Topographic draftsman	6	1,320	5	1,320	2	1,320
Salary range, $1,140 to $1,500; average, $1,320—						
Lithographer, artistic, junior	4	1,320	4	1,320	4	1,320
Lithographer, mechanical, junior	1	1,320	1	1,320	1	1,320
Press feeder	1	1,320	1	1,320	1	1,320
Clerk	2	1,320	2	1,320	2	1,320
Compositor	1	1,200	1	1,200	1	1,200
Draftsman	1	1,200	1	1,200	1	1,200
Press feeder	1	1,140	1	1,140	1	1,140
Salary range, $1,020 to $1,260; average, $1,140—						
Laborer	11	1,140	11	1,140	11	1,140
Salary range, $240 to $420; average, $330—						
Guide, cargadore, brush cutter	12	300	13	296	8	297
Total average number of employees	101		98		80.3	
Total salaries and wages, field service		159,944.00		153,954.00		132,507.66
The difference between 1929 and 1928 is due to—						
Increase in force	$6,240					
Decrease in salaries	250					
Net increase	5,990					
01 Total personal services		159,944.00		153,954.00		133,202.16

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Military Surveys and Maps—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Supplies and materials:			
0200	Stationery and office supplies	$610.00	$610.00	$680.79
0203	Drafting and artists' supplies	870.00	820.00	543.63
0204	Photographic supplies	2,700.00	2,700.00	2,653.24
0221	Scientific supplies	400.00	400.00	
0230	Fuel	3,000.00	3,000.00	3,139.58
0280	Sundry supplies	1,300.00	1,300.00	1,200.00
0282	Lithographic supplies	50.00	50.00	50.60
0284	Miscellaneous supplies	42,416.00	38,656.00	36,433.82
0290	Materials	1,000.00	1,000.00	99.21
0293	Cement, etc	30.00	30.00	
0299	Purchase of maps, etc	1,000.00	1,000.00	1,055.50
02	Total supplies and materials	53,376.00	49,566.00	45,856.37
06	Travel expenses	300.00	300.00	300.00
07	Transportation service	500.00	500.00	500.00
08	Reproduction of maps	5,425.00	5,725.00	5,400.00
10	Electric power	1,200.00	1,200.00	1,399.05
11	Rent of camp sites	200.00	150.00	100.00
	Repairs and alterations:			
1200	Buildings	1,500.00	1,500.00	297.86
1290	Instruments	2,250.00	2,400.00	2,097.34
12	Total repairs and alterations	3,750.00	3,900.00	2,395.20
13	Special and miscellaneous current expenses	12,500.00	12,500.00	18,250.00
	Equipment:			
3020	Technical supplies	1,125.00	525.00	2,725.70
3021	Special and miscellaneous equipment	680.00	680.00	56.30
3050	Other equipment	1,000.00	1,000.00	1,300.00
3052	Production equipment			7,340.25
5053	Floating and radio			420.00
3059	Special and miscellaneous equipment			90.40
30	Total equipment	2,805.00	2,205.00	11,932.65
	Total	240,000.00	230,000.00	219,335.43
	Deduct amounts received from the following sources:			
	Government Printing Office	8,000.00	8,000.00	7,767.10
	Department of Agriculture		3,000.00	7,182.76
	Interior Department	10,000.00	8,000.00	6,000.00
	War Department	142,000.00	131,000.00	118,883.57
	Total amounts received	160,000.00	150,000.00	139,835.43
	Net total	80,000.00	80,000.00	79,500.00
	Reserve			500.00
	Total	80,000.00	80,000.00	80,000.00

Total, support of the Regular Army under Corps of Engineers	$606,133.00	$363,541.00

FORTIFICATIONS IN THE UNITED STATES

Plans for Fortifications—

For the preparation of plans for fortifications and other works of defense (*act Feb. 23, 1927, vol. 44, p. 1123*) 6,000.00 6,100.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Subprofessional service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 6, $1,860 to $2,400; average, $2,111.42—						
Senior engineering draftsman					1	$1,886
Grade 5, $1,680 to $2,040; average, $1,860—						
Engineering draftsman					1	1,860
Total average number of employees					2	
Total salaries, departmental service						3,720

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Plans for Fortifications—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Field service:			
Salaries and wages included in consolidated schedules (cash payment)	$4,500.00	$4,663.00	$1,811.59
Deduct expenditures for personal services included in objects named below	1,600.00	1,653.00	806.97
Net salaries and wages, field service	2,900.00	3,010.00	1,004.62
01 Total personal services	2,900.00	3,010.00	4,724.62
02 Supplies and materials	100.00	97.00	122.95
05 Communication service			.25
06 Travel expenses	100.00	128.00	65.83
Printing and binding, etc.:			
0810 Lithographing, engraving, and engrossing	1,200.00	1,150.00	1,114.70
0830 Photographing and making photographs and prints			9.75
08 Total printing and binding, etc	1,200.00	1,150.00	1,124.45
12 Repairs and alterations			464.47
13 Special and miscellaneous current expenses	1,700.00	1,715.00	
32 Structures and parts and nonstructural improvements to land			496.40
			6,998.97
Unobligated balance			1.03
Total	6,000.00	6,100.00	7,000.00

Gun and Mortar Batteries—
For construction of gun and mortar batteries (*act Feb. 23, 1927, vol. 44, p. 1123*) ..... $100.00 | $100.00

Reserve: 1929, $100; 1928, $100; 1927, $100.

Searchlights and Electrical Installations at Seacoast Fortifications—
For the installation and replacement of electric light and power plants at seacoast fortifications in the United States and the purchase and installation of searchlights for seacoast defenses in the United States (*act Feb. 23, 1927, vol. 44, p. 1124*) ..... 150,000.00 | 81,100.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Field service:			
01 Salaries and wages included in consolidated schedules (cash payment)	$15,400.00	$11,500.00	$14,840.00
Supplies and materials:			
0230 Fuel	600.00	300.00	600.00
0280 Sundry supplies	2,600.00	200.00	755.64
02 Total supplies and materials	3,200.00	500.00	1,355.64
10 Furnishing of heat, light, power, etc	300.00	300.00	300.00
12 Repairs and alterations	500.00	500.00	2,860.00
13 Special and miscellaneous current expenses	5,000.00	850.00	7,350.00
Equipment:			
3020 Educational, scientific, and recreational equipment	300.00		300.00
3030 War equipment	125,300.00	67,450.00	42,063.39
30 Total equipment	125,600.00	67,450.00	42,363.39
			69,069.03
Unobligated balance			30.97
Total	150,000.00	81,100.00	69,100.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Preservation and Repair of Fortifications— For protection, preservation, and repair of fortifications for which there may be no special appropriation available, and of structures for the submarine mine defense of the United States and for maintaining channels for access to submarine mine wharves (*act Feb. 23, 1927, vol. 44, p. 1124*)	$300,000.00	$229,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Departmental service:				
Salaries—				
Professional and scientific service—		*Average*—	*Average*—	*Average*—
Grade 4, $3,800 to $5,000; average, $4,400—		*No.* *Salary*	*No.* *Salary*	*No.* *Salary*
Engineer				1 $3,930
Grade 3, $3,000 to $3,600; average, $3,300—				
Associate engineer (electrical engineer)				1 3,000
Grade 2, $2,400 to $3,000; average, $2,700—				
Assistant engineer				1 2,554
Assistant engineer (engineering draftsman)				1 2,500
Subprofessional service—				
Grade 5, $1,680 to $2,040; average, $1,860—				
Engineering draftsman				1.6 1,773
Clerical, administrative, and fiscal service—				
Grade 4, $1,680 to $2,040; average, $1,860—				
Clerk-stenographer				1 1,680
Grade 2, $1,320 to $1,680; average, $1,500—				
Junior clerk-typist				0.9 1,500
Custodial service—				
Grade 3, $1,080 to $1,260; average, $1,140—				
Messenger				1 1,080
Total average number of employees				8.5
Total salaries, departmental service				18,871.46
Field service:				
Salaries and wages included in consolidated schedules (cash payment)		$217,000.00	$178,662.00	210,894.14
Deduct expenditures for personal services included in objects named below		167,900.00	127,612.00	164,201.65
Net salaries and wages, field service		49,100.00	51,050.00	46,692.49
01 Total personal services		49,100.00	51,050.00	65,563.95
Supplies and materials:				
0200 Stationery and office supplies		600.00	301.00	590.68
0230 Fuel		1,500.00	1,389.00	1,377.73
0260 Provisions		2,000.00	1,100.00	2,807.98
0280 Sundry supplies		1,000.00	845.00	1,064.96
0290 Materials		3,000.00	3,300.00	2,248.43
02 Total supplies and materials		8,100.00	6,935.00	8,089.78
Communication service:				
0500 Telegraph service		10.00	2.00	4.78
0510 Telephone service		150.00	154.00	93.25
05 Total communication service		160.00	156.00	98.03
Travel expenses:				
0600 Commercial transportation		200.00	161.00	158.24
0601 Steam or electric railway fares		350.00	384.00	324.23
0602 Fares by water		50.00	28.00	29.00
0610 Local transportation		550.00	315.00	530.74
0630 Per diem in lieu of subsistence and support while in travel status		500.00	210.00	479.40
0640 Furnishing of food and lodging while in travel status		350.00	205.00	355.09
0650 Sleeping car, chair car, etc			3.00	3.01
0690 Special and miscellaneous expenses incident to travel, not specified				.15
06 Total travel expenses		2,000.00	1,306.00	1,879.86
07 Transportation of things		500.00	277.00	416.56
08 Photographing and making photographs and prints		450.00	320.00	431.01
09 Advertising and publication of notices		10.00		8.40
Furnishing of heat, light, power, water and electricity:				
1030 Furnishing of electricity		200.00	165.00	165.53
1040 Furnishing of water		200.00	235.00	220.94
10 Total furnishing of heat, light, power, water, and electricity		400.00	400.00	386.47
11 Rent of miscellaneous equipment			3,200.00	
Repairs and alterations:				
1200 Buildings		10,000.00	6,094.00	7,882.77
1210 Excavations, embankments, and surfacings		3,000.00	1,900.00	2,785.32
1230 Retaining and restraining walls, dams, jetties, etc		3,000.00	4,000.00	9,128.32
1240 Bridges, viaducts, piers, and wharves		2,000.00	800.00	4,846.82
1260 Nonstructural improvements				845.00
1270 Structures for military defense		175,880.00	120,336.00	147,282.85
1280 Machinery and equipment		3,000.00	2,765.00	4,943.07
1290 Special and miscellaneous repairs and alterations		20,000.00	19,532.00	19,670.68
12 Total repairs and alterations		216,880.00	155,427.00	197,384.83

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Preservation and Repair of Fortifications—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Equipment:			
3010	Furniture, furnishings, and fixtures	$400.00	$349.00	$458.39
3050	Other equipment	2,000.00	630.00	2,017.43
30	Total equipment	2,400.00	979.00	2,475.82
	Structures and parts and nonstructural improvements to land:			
3200	Structures for military defense	20,000.00	1,200.00	2,361.91
3210	Other structures		2,750.00	20,129.86
32	Total structures and parts	20,000.00	3,950.00	22,491.77
			224,000.00	299,226.48
	Unobligated balance			218.52
	Reserve		5,000.00	555.00
	Total	300,000.00	229,000.00	300,000.00

Supplies for Seacoast Defenses—
For maintenance and repair of searchlights and electric-light and power equipment for seacoast fortifications, and for tools, electrical and other supplies, and appliances to be used in their operation, including the purchase of reserve lights (*act Feb. 23, 1927, vol. 44, p. 1124*) $60,000.00 $55,640.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Departmental service:			
	Salaries—			
	Clerical, administrative, and fiscal service—	*Average—*	*Average—*	*Average—*
		No. Salary	*No. Salary*	*No. Salary*
	Grade 4, $1,680 to $2,040; average, $1,860—			
	Clerk-stenographer			1 $1,680
	Grade 3, $1,500 to $1,860; average, $1,680—			
	Assistant clerk			1 1,740
	Grade 2, $1,320 to $1,680; average, $1,500—			
	Junior clerk-typist			0.9 1,440
	Total average number of employees			2.9
	Total salaries, departmental service			4,677
	Field service:			
	Salaries and wages included in consolidated schedules (cash payment)	$15,000.00	$14,669.00	13,352.71
	Deduct expenditures for personal services included in objects named below	4,500.00	4,246.00	4,420.71
	Net salaries and wages, field service	10,500.00	10,423.00	8,932.00
01	Total personal services	10,500.00	10,423.00	13,609.00
	Supplies and materials:			
0200	Stationery and office supplies	60.00	60.00	73.40
0210	Medical and hospital supplies			9.63
0230	Fuel	30.00	30.00	25.09
0280	Sundry supplies	34,670.00	30,675.00	29,342.50
0290	Materials	1,200.00	1,163.00	1,098.71
02	Total supplies and materials	35,960.00	31,928.00	30,549.33
05	Communication service	50.00	48.00	19.34
06	Travel expenses	20.00	19.00	29.25
07	Transportation of things	500.00	501.00	581.03
08	Photographing and making photographs and prints		5.00	12.69
	Repairs and alterations:			
1260	Nonstructural improvements		35.00	40.38
1270	Structures for military defense	10,700.00	10,228.00	11,956.59
1280	Machinery and equipment	870.00	1,233.00	1,309.72
1290	Special and miscellaneous repairs and alterations	500.00	320.00	319.84
12	Total repairs and alterations	12,070.00	11,816.00	13,626.53
13	Special and miscellaneous current expenses	600.00	600.00	801.99
	Equipment:			
3010	Furniture, furnishings, and fixtures			44.70
3020	Educational, scientific, and recreational equipment			12.50
3030	War equipment	70.00	70.00	81.37
3050	Other equipment	230.00	230.00	105.65
30	Total equipment	300.00	300.00	244.22
				59,473.38
	Unobligated balance			526.62
	Total	60,000.00	55,640.00	60,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Consolidated schedule of field employees, United States, paid from appropriations "Plans for fortifications (United States)"; "Searchlights and electrical installations at seacoast fortifications (United States)"; Preservation and repair of fortifications (United States)"; "Supplies for seacoast defenses (United States)."

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:	*Average—*		*Average—*		*Average—*	
Salaries and wages—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $3,600 to $5,000; average, $4,400—					0.1	$4,400
Engineer	1	$4,000	1	$4,000	0.9	4,000
Engineer						
Salary range, $3,300 to $3,900; average, $3,600—						
Associate engineer	0.6	3,800	0.6	3,800	0.6	3,800
Associate engineer	0.1	3,600	0.1	3,600	0.1	3,600
Salary range, $3,000 to $3,600; average, $3,300—						
Associate engineer	0.8	3,500	1	3,500	0.8	3,500
Associate engineer	1.1	3,400	1.1	3,400	1.1	3,400
Associate engineer	0.2	3,300			0.2	3,300
Associate engineer			0.9	3,100		
Associate engineer	4.2	3,000	4.6	3,000	4.8	3,000
Associate engineer					0.1	3,100
Assistant engineer	1	3,000	1	3,000	1	3,000
Electrical engineer					0.1	3,000
Chief clerk						
Salary range, $2,700 to $3,300; average, $3,000—						
Associate engineer	0.1	3,000	0.1	3,000	0.1	3,000
Chief clerk	0.1	2,900	0.3	2,900	0.1	2,800
Overseer	0.9	2,700	1	2,700	0.9	2,700
Salary range, $2,400 to $3,000; average, $2,700—						
Assistant engineer					0.9	3,000
Assistant engineer	1.5	2,700	1.7	2,700	0.4	2,700
Assistant engineer					0.2	2,400
Superintendent	1	2,700	1	2,700	1	2,900
Expert electrician	1	2,420	1	2,420	1	2,420
Foreman	0.4	2,500	1	2,500	0.4	2,500
Clerk	0.2	2,400	0.9	2,400	0.2	2,400
Principal draftsman	0.2	2,400	0.2	2,400		
Salary range, $2,100 to $2,700; average, $2,400—						
Foreman	1	2,700	1	2,700	1	2,700
Foreman					0.4	2,300
Foreman	1	2,200	1	2,200	0.9	2,200
Foreman	1	2,100	1	2,100		
Foreman					0.1	2,700
Draftsman	1	2,100	1	2,100	1	2,100
Draftsman	0.5	2,600	0.5	2,600	0.2	2,600
Assistant engineer					0.4	2,400
Assistant engineer					0.1	2,600
Master					0.2	2,300
Master					0.1	2,400
Engineman					1	2,347
Engineman	1	2,347	1	2,347		
Clerk			0.2	2,400		
Clerk	1	2,300	0.8	2,300	1	2,300
Clerk	0.7	2,200	0.3	2,200	0.7	2,200
Overseer	0.5	2,400	0.8	2,400	0.1	2,200
Handy man	0.2	2,300	1.1	2,300	0.2	2,200
Inspector	0.1	2,200	0.1	2,200	0.1	2,200
Electrician					1	2,128
Engineer					0.2	2,100
Salary range, $1,860 to $2,400; average, $2,100—						
Senior draftsman	0.6	2,300	1	2,300	0.6	2,300
Senior draftsman	0.3	2,100	0.3	2,100	0.3	2,100
Senior draftsman	0.9	2,000	1	2,000	0.9	1,920
Overseer	0.2	2,100			0.2	2,100
Overseer	1	2,200	1	2,040	1	2,200
Clerk	1	2,200	1	2,200	1	2,200
Clerk	0.7	2,100	0.7	2,100	0.4	2,100
Clerk					0.5	1,860
Handy man	1	2,059	0.8	2,059	1	2,059
Inspector	1.1	2,040	1.1	2,040	1.1	2,040
Inspector	0.1	1,860	0.1	1,860	0.1	1,860
Electrician	0.7	2,040	1	2,040	0.7	2,040
Electrician	1	2,034	1	2,034	1	2,034
Electrician	2	2,003	2	2,003	2	2,003
Electrician					0.2	2,000
Electrician	1	1,860	1	1,860	1	1,860
Electrician	0.3	2,040			0.3	2,040
Foreman	1.7	2,000	1	2,000	1.7	2,006
Foreman	0.8	1,920	0.2	1,920	0.8	1,920
Foreman	0.2	1,860			0.2	1,860
Foreman	0.6	2,100			0.6	2,100
Engineman	0.9	2,034			0.9	2,034
Engineman	0.8	2,003	1	2,003	0.8	2,003
Engineman	0.4	1,878	1	1,878	0.4	1,878
Engineman	0.3	1,860	1	1,860	0.3	1,860
Engineman	1.1	2,003	1.9	2,003	1.1	2,003
Foreman electrician	1	2,003	1	2,003	1	2,003
Carpenter					0.1	1,940
Carpenter	0.8	1,878	1	1,878	0.8	1,878
Carpenter	0.1	1,860	1	1,860	0.1	1,860
Carpenter	0.5	1,878	1	1,878	0.5	1,878
Blacksmith						
Salary range, $1,680 to $2,040; average, $1,860—						
Expert mechanic	1	2,040	1	2,040	1	2,040
Expert mechanic	1	1,800	0.5	1,800	1	1,800
Overseer	0.5	2,040			0.5	2,040
Clerk	0.2	2,040			0.2	2,040
Clerk	0.3	1,800	0.3	1,800	0.3	1,800
Draftsman	0.1	1,920	0.5	1,920	0.1	1,920
Storekeeper	1	1,920	0.7	1,920	1	1,920
Foreman	1	1,920	1	1,920	1	1,920
Foreman	1.5	1,901	1.8	1,901	1.5	1,901
Foreman	0.3	1,841			0.3	1,841
Foreman	0.9	1,800	0.9	1,800	0.7	1,800

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

Consolidated schedule of field employees, United States, paid from appropriations, etc.—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927		Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
	Average—		*Average—*		*Average—*			
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*		
Field service—Continued.								
Salaries and wages—Continued								
Salary range, $1,680 to $2,040; average, $1,860—Con.								
Handy man	0.8	$1,920			0.8	$1,920		
Handy man	0.2	1,878			0.2	1,878		
Handy man	1	1,743			1	1,743		
Handy man	0.2	1,721			0.2	1,721		
Painter	0.7	1,878	0.6	$1,878	0.7	1,878		
Drill man	1	1,806			1	1,806		
Machinist	2	1,800	1	1,800	2	1,800		
Rigger	0.5	1,799			0.5	1,799		
Rigger	0.5	1,721			0.5	1,721		
Engineman	1	1,740	1.1	1,740	1	1,740		
Engineman	0.5	1,721			0.5	1,721		
Painter's helper	0.9	1,721			0.9	1,721		
Mechanic's helper	0.1	1,721			0.1	1,721		
Salary range, $1,500 to $1,860; average, $1,680—								
Engineman	0.6	1,800			0.6	1,800		
Engineman					0.1	1,620		
Carpenter					0.3	1,750		
Carpenter	1	1,500	1	1,500	1	1,500		
Electrician	1	1,680	1	1,680	1	1,680		
Electrician	0.5	1,565	0.8	1,565	0.6	1,565		
Foreman	1	1,680	1	1,680	1	1,680		
Foreman					0.2	1,620		
Foreman	0.1	1,500	1	1,500	0.1	1,500		
Master					0.1	1,680		
Overseer	0.5	1,680	0.9	1,680	0.5	1,680		
Machinist	0.5	1,680			0.5	1,680		
Laborer	0.3	1,680	0.3	1,680	0.5	1,748		
Laborer					0.4	1,643		
Laborer	1	1,527	0.7	1,527	1	1,527		
Laborer	0.8	1,502			0.8	1,502		
Survey man					0.1	1,565		
Junior draftsman	0.3	1,560	0.5	1,560	0.2	1,560		
Clerk	0.1	1,560	0.7	1,560	0.1	1,560		
Clerk	1	1,500	0.1	1,500	1	1,500		
Inspector	0.2	1,500	0.2	1,500	0.2	1,500		
Marine fireman	0.1	1,500			0.1	1,500		
Cook	0.1	1,500			0.1	1,500		
Salary range, $1,320 to $1,680; average, $1,500—								
Handy man	0.5	1,565	1	1,500	0.5	1,565		
Handy man	1	1,464			1	1,464		
Handy man			1	1,440				
Handy man			1	1,300				
Handy man	0.6	1,408	1	1,350	0.6	1,408		
Electrician			0.2	1,565	0.1	1,565		
Clerk	0.1	1,560			0.1	1,560		
Clerk	0.1	1,500	0.1	1,500	0.1	1,440		
Clerk	0.2	1,320	0.5	1,320	0.2	1,320		
Laborer	0.5	1,528	1	1,528	0.5	1,528		
Laborer	1	1,500	1	1,500	1	1,565		
Laborer	0.5	1,487			0.5	1,487		
Laborer	1.5	1,440	1	1,440	1.8	1,419		
Laborer	1.5	1,409	1	1,409	1.5	1,409		
Laborer	0.6	1,330			0.6	1,330		
Foreman	1	1,500	1	1,500	1	1,500		
Foreman	0.8	1,440			0.9	1,440		
Carpenter	0.3	1,500	0.5	1,500	0.3	1,500		
Carpenter	1	1,440	1.1	1,440	1	1,440		
Messenger	0.4	1,440			0.4	1,440		
Salary range, $1,140 to $1,500; average, $1,320—								
Laborer	0.3	1,408			0.3	1,408		
Laborer	2.1	1,320	6	1,320				
Laborer	5.2	1,252	0.7	1,252	5.1	1,252		
Laborer			1	1,200				
Laborer	8	1,197			8	1,197		
Handy man	1	1,327			1	1,327		
Handy man	0.2	1,252			0.2	1,252		
Storekeeper	1	1,320	1	1,320				
Watchman	1	1,320			1	1,320		
Deck hand	0.1	1,320			0.1	1,320		
Deck hand					0.1	1,260		
Waiter	0.1	1,260			0.1	1,260		
Salary range, $900 to $1,140; average, $1,020—								
Laborer	1	1,020	1	1,020	1	1,020		
Laborer	3.5	1,000	3.1	1,000	2	1,000		
Salary range, $780 to $1,020; average, $900—								
Handy man	1	900	1	900				
Salary range, $600 to $780; average, $690—								
Laborer	2.2	600	2.2	600	2.3	590		
Salary range, $420 to $600; average, $510—								
Laborer	4.5	500	4.3	500	3.3	480		
Salary range, $240 to $420; average, $330—								
Caretaker	1	240	1	240	1	240		
Temporary employees	50.1	1,170	30.3	1,155	44.6	1,181		
Total average number of employees	163.7		129		155			
Total salaries and wages, field service		259,688.00		215,341.00		249,489.95		
The difference between 1929 and 1928 is due to—								
Increase in force		$55,034						
Decrease in salaries		10,687						
Net increase		44,347						
Deduct allowance value of quarters, subsistence, etc., furnished		7,788.00		5,847.00		8,591.51		
Cash payment, salaries and wages		251,900.00		209,494.00		240,898.44		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Consolidated schedule of field employees, United States, paid from appropriations, etc.—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Field service—Continued.			
Allocation of salaries and wages to appropriations, field service (cash payment)—			
Plans for fortifications	$4,500.00	$4,663.00	$1,811.59
Searchlights and electrical installations at seacoast fortifications	15,400.00	11,500.00	14,840.00
Preservation and repair of fortifications	217,000.00	178,662.00	210,894.14
Supplies for seacoast defenses	15,000.00	14,669.00	13,352.71
Total salaries and wages, field service, United States	251,900.00	209,494.00	240,898.44

Total, fortifications in United States under Corps of Engineers	$516,100.00	$371,940.00

FORTIFICATIONS, INSULAR POSSESSIONS

Plans for Fortifications, Insular Possessions—
For preparation of plans for fortifications and other works of defense in the insular possessions (*act Feb. 23, 1927, vol. 44, p. 1124*) 2,000.00 2,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Field service:			
01 Salaries and wages included in consolidated schedules (cash payment)	$1,950.00	$1,950.00	$1,928.30
02 Supplies and materials	50.00	50.00	49.58
12 Repairs and alterations			22.12
Total	2,000.00	2,000.00	2,000.00

Searchlights and Electrical Installations, Hawaiian Islands—
For the installation and replacement of electric light and power plants and the purchase and installation of searchlights at the seacoast fortifications of the Hawaiian Islands (*act Feb. 23, 1927, vol. 44, p. 1124*) 180,000.00 12,000.00

3030 War equipment: Expenditures—1929, $180,000; 1928, $12,000; 1927, reserve, $100.

Preservation and Repair of Fortifications, Insular Possessions—
For protection, preservation, and repair of fortifications, including structures for submarine mine defense, for which there may be no special appropriation available, and for maintaining channels for access to submarine mine wharves, in the insular possessions (*act Feb. 23, 1927, vol. 44, p. 1124*) 90,000.00 60,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Field service:			
Salaries and wages included in consolidated schedules (cash payment)	$55,300.00	$38,579.00	$35,905.77
Deduct expenditures for personal services included in objects named below	30,300.00	14,970.00	12,924.59
01 Net salaries and wages, field service	25,000.00	23,609.00	22,981.18
Supplies and materials:			
0200 Stationery and office supplies	500.00	450.00	218.65
0230 Fuel	300.00	300.00	203.00
0280 Sundry supplies	2,000.00	1,000.00	662.08
0290 Materials	5,000.00	4,000.00	2,968.64
02 Total supplies and materials	7,800.00	5,750.00	4,052.37
05 Communication service	90.00	85.00	51.66
06 Travel expenses	1,000.00	675.00	638.52
10 Furnishing of electricity	350.00	350.00	336.22
Repairs and alterations:			
1200 Buildings	2,000.00	1,500.00	1,287.43
1270 Structures for military defense	50,560.00	26,231.00	19,375.48
1280 Machinery and equipment	3,000.00	1,600.00	662.70
12 Total repairs and alterations	55,560.00	29,331.00	21,325.61
30 Equipment	200.00	200.00	209.33
			49,594.89
Unobligated balance			35.08
Reserve			370.03
Total	90,000.00	60,000.00	50,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Supplies for Seacoast Defenses, Insular Possessions— For maintenance and repair of searchlights and electric light and power equipment for seacoast fortifications and for tools, electrical and other supplies, and appliances to be used in their operation in the insular possessions (*act Feb. 23, 1927, vol. 44, p. 1124*)	$42,560.00	$34,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Field service:			
Salaries and wages included in consolidated schedules (cash payment)	$9,550.00	$8,519.00	$9,900.87
Deduct expenditures for personal services included in objects named below	2,058.00	2,022.00	2,968.61
01 Net salaries and wages, field service	7,492.00	5,497.00	6,932.26
Supplies and materials:			
0200 Stationery and office supplies	80.00	75.00	45.11
0230 Fuel	125.00	125.00	46.25
0280 Sundry supplies	21,828.00	20,500.00	20,891.27
0290 Materials	400.00	350.00	366.63
02 Total supplies and materials	22,433.00	21,050.00	21,349.26
05 Communication service	50.00	55.00	1.90
06 Travel expenses	100.00	75.00	77.85
07 Transportation of things (service)		10.00	5.33
08 Photographing and making photographs, etc	25.00	25.00	
Repairs and alterations:			
1270 Structures for military defense	11,960.00	6,055.00	4,399.70
1280 Machinery and equipment	500.00	1,038.00	871.92
12 Total repairs and alterations	12,460.00	7,093.00	5,271.62
Equipment:			
3030 War equipment		75.00	75.69
3050 Other equipment		120.00	119.20
30 Total equipment		195.00	194.89
			33,833.11
Unobligated balance			74.38
Reserve			92.51
Total	42,560.00	34,000.00	34,000.00

Seacoast Batteries, Hawaiian Islands— For construction of seacoast batteries in the Hawaiian Islands (*act Feb. 23, 1927, vol. 44, p. 1124*)	64,650.00	100.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Field service:			
Salaries and wages included in consolidated schedules (cash payment)	$5,500		$1,200
Deduct expenditures for personal services included in objects named below	3,550		
01 Net salaries and wages, field service	1,950		1,200
06 Travel expenses	500		
07 Transportation of things (service)	2,000		500
10 Furnishing of heat, light, power, water, and electricity	200		100
30 Equipment	15,000		
31 Land and interests in land	30,000		
Structures and parts:			
3201 Emplacements for seacoast armaments	15,000		11,300
3209 Special and miscellaneous military structures			1,900
32 Total structures and parts	15,000		13,200
Reserve		$100	
Total	64,650	100	15,000

Sites for Fortifications, Territory of Hawaii— *For procurement or reclamation of land, or rights pertaining thereto, needed for the site, location, construction, or prosecution of works of fortifications and coast defenses in the Hawaiian Islands (U. S. C., p. 1699, sec. 171) (submitted)*	5,400.00	

31 Land and interests in land: Expenditure—1929, $5,400.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Consolidated schedule of field employees, Territory of Hawaii, paid from appropriations: "Plans for fortifications, insular possessions"; "Preservation and repair of fortifications, insular possessions"; "Supplies for seacoast defenses, insular possessions"; "Seacoast batteries, Territory of Hawaii"

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $3,300 to $3,900; average, $3,600—						
Associate civil engineer	0.6	$3,600	0.5	$3,600	0.6	$3,600
Assistant engineer	0.5	3,600			0.5	3,600
Salary range, $2,100 to $2,700; average, $2,400—						
Surveyor	0.5	2,400			0.4	2,400
Electrician	1	2,200	0.7	2,200	1	2,200
Salary range, $1,860 to $2,400; average, $2,100—						
Senior draftsman	1	2,100	0.6	2,100	1	2,100
Foreman	0.6	2,100	0.3	2,100	0.5	2,100
Clerk	0.6	1,920	0.3	1,920	0.5	1,860
Salary range, $1,680 to $2,040; average, $1,860—						
Clerk	0.5	1,860			0.4	1,860
Carpenter	0.5	1,800	0.4	1,800	0.4	1,800
Salary range, $1,500 to $1,860; average, $1,680—						
Clerk					0.1	1,680
Storekeeper	1	1,560	0.5	1,560	0.9	1,560
Engineman	0.6	1,560	0.3	1,560	0.6	1,560
Machinist	0.5	1,560	0.5	1,560		
Salary range, $1,320 to $1,680; average, $1,500—						
Engineman	1	1,500	0.7	1,500	0.6	1,500
Chauffeur	0.3	1,380			0.3	1,380
Salary range, $1,140 to $1,500; average, $1,320—						
Engineman	0.5	1,260	0.5	1,260	0.5	1,260
Handy man	1	1,200	0.8	1,200	0.7	1,200
Salary range, $1,020 to $1,260; average, $1,140—						
Laborer					0.3	1,152
Laborer	1	1,080	0.3	1,080	1.3	1,080
Watchman	1	1,080	0.7	1,080	0.2	1,080
Temporary employees	2.3	900			0.4	1,000
Total average number of employees	15		7.1		11.2	
01 Total salaries and wages, field service		24,930.00		12,422.00		19,445.31
The difference between 1929 and 1928 is due to—						
Increase in force	$13,129					
Decrease in salaries	621					
Net increase	12,508					
Allocation of salaries and wages to appropriations (easb payment):						
Plans for fortifications, insular possessions		450.00		450.00		1,128.30
Preservation and repair of fortifications, insular possessions		15,700.00		8,870.00		11,448.01
Supplies for seacoast defenses, insular possessions		3,280.00		3,102.00		5,669.00
Seacoast batteries, Territory of Hawaii		5,500.00				1,200.00
Total		24,930.00		12,422.00		19,445.31

Consolidated schedule of field employees, Philippine Islands, paid from appropriations "Plans for fortifications, insular possessions"; "Preservation and repair of fortifications, insular possessions"; and "Supplies for seacoast defenses, insular possessions."

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $3,300 to $3,900; average, $3,600—						
Associate engineer	0.5	$3,600	0.5	$3,600	0.4	$3,600
Salary range, $3,100 to $2,700; average, $2,400—						
Clerk	1.5	2,700	1.1	2,700	1	2,680
Foreman carpenter	1.5	2,700	1.1	2,700	0.9	2,680
Foreman	1.5	2,700	1.1	2,700	1	2,680
Salary range, $1,860 to $2,400; average, $2,100—						
Clerk	2	2,100	2	2,100	2	2,000
Salary range, $1,140 to $1,500; average, $1,320—						
Clerk	1	1,200	1	1,200		
Salary range, $1,020 to $1,260; average, $1,140—						
Clerk	1.5	1,140	1	1,140	1.1	1,130
Clerk					1	1,080
Minor draftsman	1	1,140	1	1,140	1.1	1,130
Timekeeper	2	1,020	1.1	1,020	1	1,010
Salary range, $900 to $1,140; average, $1,020—						
Laborer	2	1,120	1.1	1,120	0.9	1,110
Janitor	1	960	1	960	1	960
Salary range, $780 to $1,020; average, $900—						
Laborer	1.5	896	1.1	896	1.1	886
Salary range, $600 to $780; average, $690—						
Laborer	2	768	1.2	768	1.1	758
Janitor					0.6	696
Salary range, $420 to $600; average, $510—						
Laborer	5	670	4.3	670	3.3	660
Laborer	2	552	1.2	552	1	542
Laborer	1.5	520	1	520	0.9	510

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Consolidated schedule of field employees, Philippine Islands, paid from appropriations, etc.—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service—Continued.						
Salaries and wages—Continued.	*Average—*		*Average—*		*Average—*	
Salary range, $240 to $420; average, $330—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Laborer	3	$490	2.2	$490	1.9	$485
Laborer	1	440	0.4	440		
Laborer	1	420	1	420	0.9	410
Laborer	2	360	2	360	0.9	360
Laborer	1	345	1	345	1	345
Laborer					0.8	335
Laborer	1	310	0.2	310		
Laborer	2	240	1	240	0.7	240
Temporary employees	28	460	21	460	13.5	460
Total average number of employees	66.5		49.6		39.1	
Total salaries and wages, field service		52,630.00		40,546.00		34,349.63
The difference between 1929 and 1928 is due to—						
Increase in force	$13,367					
Decrease in salaries	1,283					
Net increase	12,084					
Deduct allowance value of subsistence, lodging, etc., furnished		5,260.00		4,920.00		4,860.00
01 Cash payment, salaries and wages		47,370.00		35,626.00		29,489.63
Allocation of salaries and wages to appropriations (cash payment)—						
Plans for fortifications, insular possessions		1,500.00		1,500.00		800.00
Preservation and repair of fortifications, insular possessions		39,600.00		29,709.00		24,457.76
Supplies for seacoast defenses, insular possessions		6,270.00		4,417.00		4,231.87
Total		47,370.00		35,626.00		29,489.63

Total, fortifications in insular possessions under Corps of Engineers	$384,610.00	$108,100.00

FORTIFICATIONS, PANAMA CANAL

Plans for Fortifications, Panama Canal—
For preparation of plans for fortifications and other works of defense, including surveys for roads, Canal Zone (*act Feb. 23, 1927, vol. 44, p. 1124*) 4,000.00 3,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Field service:			
01 Salaries and wages included in consolidated schedules (cash payment)	$3,500	$2,600	$2,685
02 Stationery and office supplies	400	300	300
07 Transportation of things	100	100	15
Total	4,000	3,000	3,000

Seacoast Batteries, Panama Canal—
For the construction of seacoast batteries on the Canal Zone for defense of the Panama Canal (*act Feb. 23, 1927, vol. 44, p. 1124*) 441,100.00 369,201.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Field service:			
Salaries and wages included in consolidated schedules (cash payment)	$24,830.00	$200,000.00	$33,819.88
Deduct expenditures for personal services included in objects named below	208,830.00	184,000.00	29,819.88
01 Net salaries and wages, field service	16,000.00	16,000.00	4,000.00
Supplies and materials:			
0200 Stationery and office supplies	400.00	460.00	40.40
0210 Medical and hospital supplies	100.00	70.00	
0280 Sundry supplies	400.00	400.00	189.60
02 Total supplies and materials	900.00	930.00	230.00
03 Furnishing of food	20,000.00	24,000.00	6,985.40
05 Communication service	100.00	75.00	60.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Seacoast Batteries, Panama Canal—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Transportation of things:			
0700	Freight and incidental charges	$1,200.00	$1,200.00	$511.43
0730	Local transportation of things	1,600.00	1,600.00	822.94
0750	Towage, dockage, wharfage, moorage, and canal charges of Government-owned freight vessels	1,500.00	1,400.00	
07	Total transportation of things	4,300.00	4,200.00	1,334.37
11	Rent of miscellaneous equipment		3,700.00	450.00
	Equipment:			
3051	Heat, light, power, water, refrigeration, and electrical equipment	30,000.00	30,000.00	39,093.93
3053	Transporting and conveying equipment	2,000.00	6,000.00	
30	Total equipment	32,000.00	36,000.00	39,093.93
	Structures and parts:			
3201	Emplacements for seacoast armaments	311,725.00	224,600.00	21,121.00
3207	Special and miscellaneous structures for coast defense	56,075.00	59,696.00	26,194.57
32	Total structures and parts	367,800.00	284,296.00	47,315.57
				99,469.27
	Unobligated balance			530.73
	Total	441,100.00	369,201.00	100,000.00

Searchlights and Electrical Installations, Panama Canal—
For the installation and replacement of electric light and power plants, and the purchase and installation of searchlights for the seacoast fortifications on the Canal Zone (*act Feb. 23, 1927, vol. 44, p. 1124*) $72,650.00 $45,680.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Field service:			
	Salaries and wages included in consolidated schedules (cash payment)	$22,000	$1,800	
	Deduct expenditures for personal services included in objects named below	19,000	1,500	
01	Net salaries and wages, field service	3,000	300	
	Supplies and materials:			
0200	Stationery and office supplies	100		
0210	Medical and hospital supplies	30		
0280	Sundry supplies	100		
02	Total supplies and materials	230		
03	Furnishing of food	4,000		
05	Communication service	20		
	Transportation of things:			
0700	Freight and incidental charges	250		
0730	Local transportation of things	300		
0750	Towage, dockage, wharfage, moorage, and canal charges of Government-owned vessels	300		
07	Total transportation of things	850		
11	Rent of miscellaneous equipment	750		
	Equipment:			
3030	War equipment		24,000	$24,000
3051	Heat, light, power, water, refrigeration, and electrical equipment	18,200		
3053	Transportation and conveying equipment	1,000		
30	Total equipment	19,200	24,000	24,000
31	Land and interests in land		21,380	
32	Special and miscellaneous structures for seacoast defense	44,600		
	Total	72,650	45,680	24,000

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Prescrvation and Repair of Fortifications, Panama Canal— For protection, preservation, and repair of fortifications of the Panama Canal, for which there may be no special appropriation available, including structures erected for submarine mine defense, and for maintaining channels for access to submarine mine wharves (*act Feb. 23, 1927, vol. 44, p. 1124*)	$59,000.00	$46,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Field service:			
	Salaries and wages included in consolidated schedules (cash payment)	$35,400.00	$27,500.00	$23,847.55
	Deduct expenditures for personal services included in objects named below	32,400.00	25,000.00	20,697.55
01	Net salaries and wages, field service	3,000.00	2,500.00	3,150.00
	Supplies and materials:			
0200	Stationery and office supplies	100.00	80.00	103.80
0280	Sundry supplies			66.50
02	Total supplies and materials	100.00	80.00	170.30
05	Communication service	20.00	10.00	27.50
	Transportation of things:			
0700	Freight and incidental charges	300.00	200.00	214.39
0730	Local transportation of things	500.00	400.00	681.12
07	Total transportation of things	800.00	600.00	895.51
	Repairs and alterations:			
1230	Retaining walls		600.00	325.00
1240	Bridges, viaducts, piers, and wharves			6,300.00
1270	Structures for military defense	53,080.00	41,010.00	28,641.79
1280	Machinery and equipment	2,000.00	1,200.00	485.00
12	Total repairs and alterations	55,080.00	42,810.00	35,751.79
				39,995.10
	Unobligated balance			4.90
	Total	59,000.00	46,000.00	40,000.00

Supplies for Seacoast Defenses, Panama Canal— For maintenance and repair of searchlights and electric light and power equipment for fortifications and for tools, electrical and other supplies, and appliances to be used in their operation (*act Feb. 23, 1927, vol. 44, p. 1124*)	32,600.00	32,600.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Field service:			
	Salaries and wages included in consolidated schedules (cash payment)	$8,700.00	$6,800.00	$6,451.80
	Deduct expenditures for personal services included in objects named below	7,900.00	6,000.00	5,551.80
01	Net salaries and wages, field service	800.00	800.00	900.00
	Supplies and materials:			
0200	Stationery and office supplies	60.00	60.00	57.85
0280	Sundry supplies	18,520.00	18,900.00	12,093.70
02	Total supplies and materials	18,580.00	18,960.00	12,151.55
05	Communication service	20.00	15.00	17.50
	Transportation of things:			
0700	Freight and incidental charges	200.00	150.00	142.30
0730	Local transportation of things	200.00	175.00	200.00
07	Total transportation of things	400.00	325.00	342.30
	Repairs and alterations:			
1200	Buildings			3,100.00
1270	Structures for military defense	8,000.00	7,830.00	4,725.20
1280	Machinery and equipment	3,000.00	3,000.00	2,490.00
12	Total repairs and alterations	11,000.00	10,830.00	10,315.20
13	Special and miscellaneous current expenses	1,000.00	700.00	
	Equipment:			
3020	Educational, scientific, and recreational equipment	500.00	700.00	357.00
3030	War equipment	200.00	170.00	96.43
3050	Other equipment	100.00	100.00	28.00
30	Total equipment	800.00	970.00	481.43
				24,207.98
	Unobligated balance			792.02
	Total	32,600.00	32,600.00	25,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Consolidated schedule of field employees, Panama Canal, paid from appropriations: "Seacoast batteries, Panama Canal"; "Preservation and repair of fortifications, Panama Canal"; "Supplies for seacoast defenses, Panama Canal."

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Field service:			
Salaries and wages—	*Average—*	*Average—*	*Average—*
Salary range, $2,400 to $3,000; average, $2,700—	*No.* *Salary*	*No.* *Salary*	*No.* *Salary*
Chief clerk	0.7 $2,809	0.7 $2,800	0.6 $2,800
Total average number of employees	0.7	0.7	0.6
01 Total salaries and wages, field service	1,867.00	1,867.00	1,633.33
Allocation of salaries and wages to appropriations—			
Seacoast batteries, Panama Canal	933.00	933.00	233.33
Preservation and repair of fortifications, Panama Canal	467.00	467.00	699.99
Supplies for seacoast defenses, Panama Canal	467.00	467.00	700.01
Total	1,867.00	1,867.00	1,633.33

NOTE.—Schedules of expenditures of Panama Canal appropriations carry the following amounts under "Salaries and wages, included in consolidated schedules":

	1929	1928	1927
Plans for fortifications	$3,500.00	$2,600.00	$2,685.00
Seacoast batteries	224,830.00	200,000.00	33,819.88
Searchlights and electric installations	22,000.00	1,800.00	
Preservation and repair of fortifications	35,400.00	27,500.00	23,847.55
Supplies for seacoast defenses	8,700.00	6,800.00	6,451.80
Total	294,430.00	238,700.00	66,804.23

These amounts cover salaries and wages of employees of the Panama Canal who render service to the Engineer Department on a contract basis.

Summary of consolidated schedules of field employees, United States, Philippine Islands, Hawaiian Islands, and Panama Canal

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
United States:	*Average—*	*Average—*	*Average—*
	No. *Salary*	*No.* *Salary*	*No.* *Salary*
Total average number of employees	163.7	129	155
Total salaries and wages	$259,688.00	$215,341.00	$249,489.95
Philippine Islands:			
Total average number of employees	66.5	49.6	39.1
Total salaries and wages	52,630.00	40,546.00	34,349.63
Hawaiian Islands:			
Total average number of employees	15	7.1	11.2
Total salaries and wages	24,930.00	12,422.00	19,445.31
Panama Canal:			
Total average number of employees	0.7	0.7	0.6
Total salaries and wages	1,867.00	1,867.00	1,633.33
Total average number of employees	245.9	186.4	205.9
Total salaries and wages	339,115.00	270,176.00	304,918.22
The difference between 1929 and 1928 is due to—			
Increase in force	$82,050		
Decrease in salaries	13,111		
Net increase	68,939		
Deduct allowance value of quarters, subsistence, etc., furnished:			

	1929	1928	1927			
United States	$7,788.00	$5,847.00	$8,591.51			
Philippine Islands	5,260.00	4,920.00	4,860.00			
Hawaiian Islands						
Panama Canal						
Total	13,048.00	10,767.00	13,451.51	13,048.00	10,707.00	13,451.51
01 Cash payment, salaries and wages				326,067.00	259,409.00	291,466.71

Total, fortifications, Panama Canal, under Corps of Engineers	$609,350.00	$496,481.00
Total, fortifications, under Corps of Engineers	1,510,060.00	976,521.00
Total, military, under Corps of Engineers	2,116,193.00	1,340,062.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
DEPARTMENTAL		
Salaries, Office of Chief of Engineers—		
Salaries: For personal services in the District of Columbia in accordance with the classification act of 1923 (*U. S. C., p. 177, sec. 187; act Feb. 23, 1927, vol. 44, p. 1124*)	$116,820.00	$116,820.00
The services of skilled draftsmen, civil engineers, and such other services as the Secretary of War may deem necessary may be employed only in the office of the Chief of Engineers, to carry into effect the various appropriations for rivers and harbors, surveys, *and* preparation for and the consideration of river and harbor estimates and bills, [fortifications, engineer equipment of troops, engineer operations in the field, and other military purposes,] to be paid from such appropriations: *Provided*, That the expenditures on this account for the fiscal year [1928] *1929* shall not exceed [$140,000] *$150,000*; the Secretary of War shall each year, in the Budget, report to Congress the number of persons so employed, their duties and the amount paid to each (*U. S. C., p. 177, sec. 187; act Feb. 23, 1927, vol. 44, p. 1124*).		

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 4, $3,800 to $5,000; average, $4,400—						
Engineer	1	$4,000	1	$4,000		
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate engineer	5	3,140	5	3,140	2.5	$3,140
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant engineer	2	2,550	2	2,550		
Grade 1, $1,860 to $2,400; average, $2,100—						
Junior attorney					1.2	2,045
Subprofessional service—						
Grade 6, $1,860 to $2,400; average, $2,100—						
Senior engineering draftsman	1	1,920	1	1,920		
Grade 5, $1,680 to $2,040; average, $1,860—						
Engineering draftsman	4	1,815	4	1,815		
Library assistant	1	1,740	1	1,740	1	1,740
Clerical, administrative, and fiscal service—						
Grade 10, $3,300 to $3,900; average, $3,600—						
Junior administrative officer (chief clerk of bureau)	1	3,500	1	3,500	1	3,500
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant (chief of division)	2	2,600	2	2,600	2.3	2,474
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk (chief of division)	2	2,500			0.2	2,300
Principal clerk (section chief)	2	2,150	2	2,150	1.8	2,137
Principal clerk	1	2,300	1	2,300	1.2	2,235
Principal accounting and auditing assistant	1	2,200			1	2,162
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk	1	2,100	1	2,100	2.2	2,155
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	6	1,840	6	1,840	8.5	1,853
Clerk-stenographer	2	1,830	2	1,830	2.2	1,826
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk					4.6	1,701
Assistant clerk-stenographer	8	1,605	8	1,605	5.8	1,702
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk					2.2	1,430
Junior clerk-typist	11	1,369	11	1,369	13.2	1,373
Junior clerk-stenographer	5	1,356	5	1,356	9.4	1,379
Junior operator, office devices	2	1,590	2	1,590		
Custodial service—						
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger	10	1,116	10	1,116	7.6	1,126
Total average number of employees	65		65		67.9	
01 Total salaries, departmental service		116,820.00		116,820.00		115,266.87
Unobligated balance						2,733.13
Total		116,820.00		116,820.00		118,000.00
Total under Corps of Engineers	2,233,013.00	1,456,882.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
ORDNANCE DEPARTMENT		
SUPPORT OF THE REGULAR ARMY		
Ordnance Service—		
For the current expenses of the Ordnance Department in connection with purchasing, receiving, storing, and issuing ordnance and ordnance stores, comprising police and office duties, rents, tolls, fuel, light, water, and advertising, stationery, typewriting and adding machines, including their exchange, and office furniture, tools, and instruments of service; for incidental expenses of the Ordnance Service and those attending practical trials and tests of ordnance small arms, and other ordnance stores; for instruction purposes; for publications for libraries of the Ordnance Department, including the Ordnance Office; subscriptions to periodicals, which may be paid for in advance; and payment for mechanical labor in the office of the Chief of Ordnance; and for maintenance, repair, and operation of motor-propelled or horse-drawn passenger-carrying vehicles, [$1,023,000] *$1,021,140*: *Provided*, That the Ordnance Department is hereby authorized to employ under its various appropriations not exceeding four consulting engineers, as the Secretary of War may deem necessary, at rates of pay to be fixed by him not to exceed $50 a day for not exceeding fifty days each and necessary traveling expenses (*U. S. C., p. 177, sec. 192; act Feb. 23, 1927, vol. 44, p. 1125*)	$1,021,140.00	$1,023,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Personal services:			
	Salaries, departmental service	$8,260	$10,120	$10,283
	Salaries and wages, field service	700,000	700,000	710,833
		708,260	710,120	721,116
	Deduct for personal services included in objects named below	170,000	170,000	175,000
01	Total personal services	538,260	540,120	546,116
	Supplies and materials:			
0200	Stationery and office supplies	15,000	15,000	15,055
0220	Educational supplies	2,000	2,000	4,723
0230	Fuel	42,500	42,500	42,487
0280	Fire fighting material	2,000	1,500	1,166
0280	Packing and crating	2,000	2,000	2,656
0280	Miscellaneous supplies	12,000	12,000	12,735
02	Total supplies and materials	75,500	75,000	78,822
	Subsistence and care of animals, and storage and care of vehicles (service):			
0460	Maintenance of vehicles	500	500	1,185
0470	Care of animals (shoeing)	50	50	32
04	Total subsistence and care of animals, etc	550	550	1,217
05	Telephone service	500	500	417
	Travel expenses:			
0600	Civilian employees	2,500	2,500	2,463
0610	Street car tickets, ferriages, etc	150	150	186
0620	Officers	12,000	12,000	13,360
06	Total travel expenses	14,650	14,650	16,009
07	Transportation (ordnance materials)	10,000	10,000	12,467
08	Photographing, photostats, etc	2,000	2,000	3,230
	Furnishing of heat, light, power, water, and electricity (service):			
1000	Heat	5,000	5,000	4,760
1010	Light	13,000	13,000	12,951
1020	Power	1,000	1,000	1,015
1030	Electricity	5,000	5,000	5,110
1040	Water	5,000	5,000	5,060
10	Total furnishing of heat, light, etc. (service)	29,000	29,000	28,896
	Rents:			
1100	Offices and post office boxes	6,179	6,179	6,372
1110	Grounds	753	753	984
1110	Rights of way	434	434	424
1110	Rental of equipment	500	500	500
11	Total rents	7,866	7,866	8,280
	Repairs and alterations:			
1280	Typewriters, office equipment, etc	5,350	5,350	7,191
1280	Vehicles	45,600	45,000	45,310
1280	Fire apparatus	500	500	557
12	Total repairs and alterations	51,450	50,850	53,058

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Ordnance Service—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Special and miscellaneous current expenses:			
1370	Packing and crating	$500	$500	$977
1380	Receiving and issuing ordnance and ordnance stores	273,554	259,654	299,557
13	Total special and miscellaneous current expenses	274,054	260,154	300,534
22	Tuition	10,710	10,710	9,580
	Equipment:			
3010	Office furniture, typewriters, etc	2,500	2,500	2,937
3020	Educational	100	100	78
3050	Fire-figbting equipment	500	500	682
3050	Tools	500	500	411
3050	Miscellaneous equipment	3,000	3,000	3,133
30	Total equipment	6,600	6,600	7,241
			1,008,000	1,065,867
	Unobligated balance			633
	Reserve		15,000	
	Total	1,021,140	1,023,000	1,066,500

Ordnance Stores, Ammunition—

For the development, manufacture, purchase, and maintenance of airplane bombs, pyrotechnics, grenades, ammunition for small arms, targets, and accessories for bomb, small arms, and machine-gun target practice; and ammunition for military salutes at Government establishments and institutions to which the issues of arms for salutes are authorized (*U. S. C., p. 177, sec. 192; p. 1018, sec. 655; act Feb. 23, 1927, vol. 44, p. 1125*) $4,000,000.00 $2,864,521.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Personal services:			
	Salaries, departmental service		$30,000	$39,026
	Salaries and wages, field service	$1,600,000	1,500,000	1,465,000
		1,600,000	1,530,000	1,504,026
	The difference between 1929 and 1928 is due to transfer of departmental salaries to the appropriation "Salaries, office Chief of Ordnance," and increase in estimate.			
	Deduct for personal services included in objects named below	1,600,000	1,500,000	1,465,000
01	Total personal services		30,000	39,026
	Supplies and materials:			
0200	Photostat and blue print	300	300	300
0270	Ammunition	3,672,000	2,488,052	2,489,322
0270	Targets and target material	72,000	75,000	70,000
02	Total supplies and materials	3,744,300	2,563,352	2,559,622
	Travel expenses:			
0600	Civilian employees	500	500	571
0620	Officers	700	700	678
06	Total travel expenses	1,200	1,200	1,249
07	Transportation (ordnance materials)	200	150	127
12	Repairs and alterations (war equipment)	117,800	114,000	65,145
13	Experimental and development work	136,500	155,819	123,133
				2,788,302
	Unobligated balance			12,833
	Total	4,000,000	2,864,521	2,801,135

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Manufacture of Arms— For developing, manufacturing, repairing, procuring, and issuing arms at the national armories (*U. S. C., p. 177, sec. 192; acts June 13, 1890, vol. 26, p. 156; Feb. 23, 1927, vol. 44, p. 1125*)	$312,848.00	$312,848.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Personal services:			
	Salaries, departmental service		$6,000	$10,742
	Salaries and wages, field service	$190,000	188,000	170,000
		190,000	194,000	180,742
	The difference between 1929 and 1928 is due to transfer of departmental salaries to the appropriation "Salaries, office Chief of Ordnance."			
	Deduct for personal services included in objects named below	190,000	188,000	170,000
01	Total personal services		6,000	10,742
02	Photostat and blue print supplies	500	500	404
	Travel expenses:			
0600	Civilian employees	100	100	34
0620	Officers	200	200	210
06	Total travel expenses	300	300	244
07	Transportation (ordnance materials)	500	500	405
12	Repairs and alterations (war equipment)	151,548	144,548	95,616
	Special and miscellaneous current expenses:			
1380	Receiving and issuing ordnance and ordnance stores	15,000	15,000	14,068
1380	Experimental and development work	40,000	41,000	42,136
13	Total special and miscellaneous current expenses	55,000	56,000	56,204
30	Equipment (rifles, side arms, etc.)	105,000	105,000	130,371
				293,986
	Unobligated balance			6,014
	Total	312,848	312,848	300,000

Ordnance Stores and Supplies— For overhauling, cleaning, repairing, and preserving ordnance and ordnance stores in the hands of troops and at the arsenals, posts, and depots, for purchase and manufacture of ordnance stores to fill requisitions of troops, including materials for cleaning and preserving ordnance and ordnance stores (*U. S. C., p. 177, sec. 192; p. 1018, sec. 655; act Feb. 23, 1927, vol. 44, p. 1125*) 675,310.00 577,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Personal services:			
	Salaries, departmental service		$14,000	$10,742
	Salaries and wages, field service	$300,000	120,000	120,000
		300,000	134,000	130,742
	The difference between 1929 and 1928 is due to transfer of departmental salaries to the appropriation "Salaries, Office Chief of Ordnance," and decrease in estimate.			
	Deduct for personal services included in objects named below	300,000	120,000	120,000
01	Total personal services		14,000	10,742
	Supplies and materials:			
0204	Photostat and blue print	1,000		
0205	Cleaning and preserving materials	325,000	390,000	437,084
02	Total supplies and materials	326,000	390,000	437,084
	Travel expenses:			
0600	Civilian employees	100	100	85
0620	Officers	100	100	
06	Total travel expenses	200	200	85
07	Transportation (ordnance materials)	500	500	
12	Repairs and alterations (war equipment)	312,400	130,000	94,007
13	Experimental and development work		9,000	10,759
30	Equipment: pack equipment, arm racks, etc.	36,210	33,300	39,000
				591,677
	Unobligated balance			3,323
	Total	675,310	577,000	595,000

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Automatic Rifles— For the development, purchase, manufacture, test, repair, and maintenance of automatic machine rifles, or other automatic or semiautomatic guns, including their mounts, sights, and equipments, and the machinery necessary for their manufacture, to remain available until June 30, [1929] *1930 (U. S. C., p. 177, sec. 192; act Feb. 23, 1927, vol. 44, p. 1125)*	$344,500.00	$221,500.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Personal services:			
	Salaries, departmental service		$5,000	$7,813
	Salaries and wages, field service	$201,400	110,000	222,000
		201,400	115,000	229,813
	The difference between 1929 and 1928 is due to transfer of departmental salaries to the appropriation "Salaries, office Chief of Ordnance," and decrease in estimate.			
	Deduct for personal services included in objects named below	201,400	110,000	222,000
01	Total personal services		5,000	7,813
02	Photostat and blue-print supplies	200	200	300
	Travel expenses:			
0600	Civilian employees	500	700	666
0620	Officers	600	800	725
06	Total travel expenses	1,100	1,500	1,391
07	Transportation (ordnance materials)	100	100	84
12	Repairs and alterations (war equipment)	49,900	72,700	58,261
13	Experimental and development work	192,000	70,000	44,552
30	Equipment: Machine guns, etc	101,200	72,000	248,227
				360,628
	Unobligated balance			2,372
	Total	344,500	221,500	363,000

Tanks— For the development, purchase, manufacture, test, maintenance, and repair of tanks and other self-propelled armored vehicles, to remain available until June 30, [1929] *1930 (U. S. C., p. 177, sec. 192; act Feb. 23, 1927, vol. 44, p. 1125)* 245,000.00 237,500.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Personal services:			
	Salaries, departmental service		$24,000	$33,203
	Salaries and wages, field service	$138,000	130,000	176,000
		138,000	154,600	209,203
	The difference between 1929 and 1928 is due to transfer of departmental salaries to the appropriation "Salaries, office Chief of Ordnance."			
	Deduct for personal services included in objects named below	138,000	130,000	176,000
01	Total personal services		24,000	33,203
02	Photostat and blue print supplies	1,500	1,500	1,500
	Travel expenses:			
0600	Civilian employees	1,000	1,000	1,500
0620	Officers	500	500	228
06	Total travel expenses	1,500	1,500	1,728
07	Transportation (ordnance materials)	2,000	2,000	2,000
12	Repairs and alterations (war equipment)	125,000	130,000	110,000
13	Experimental and development work	115,000	78,500	109,415
				257,846
	Unobligated balance			6,154
	Total	245,000	237,500	264,000

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Field Artillery Armament—		
For development, purchase, manufacture, and test of mountain, field, and siege cannon, including their carriages, sights, implements, equipments, and the machinery necessary for their manufacture [$505,500] (*U. S. C., p. 177, sec. 192; act Feb. 23, 1927, vol. 44, p. 1126*)	$1,152,750.00	

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Personal services:			
	Salaries, departmental service		$54,000	$45,706
	Salaries and wages, field service	$738,000	350,000	350,000
		738,000	404,000	395,706
	The difference between 1929 and 1928 is due to transfer of departmental salaries to the appropriation "Salaries, office Chief of Ordnance," part of which is offset by increase in estimate.			
	Deduct for personal services included in objects named below	738,000	350,000	350,000
01	Total personal services		54,000	45,706
02	Photostat and blue-print supplies	1,500	1,500	1,250
	Travel expenses:			
0600	Civilian employees	1,500	1,500	1,500
0620	Officers	1,500	1,500	1,700
06	Total travel expenses	3,000	3,000	3,200
07	Transportation (ordnance materials)	3,000	3,000	3,000
13	Experimental and development work	922,000	444,000	481,682
30	Equipment: Guns, etc	223,250		
				534,838
	Unobligated balance			162
	Total	1,152,750	505,500	535,000

For purchase, manufacture, maintenance, and test of ammunition for mountain, field, and siege cannon, including the necessary experiments in connection therewith, the machinery necessary for its manufacture, and the necessary storage facilities [$469,100] (*U. S. C., p. 177, sec. 192; act Feb. 23, 1927, vol. 44, p. 1126*) $823,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Personal services:			
	Salaries, departmental service		$8,000	$15,625
	Salaries and wages, field service	$460,000	290,000	280,000
		460,000	298,000	295,625
	The difference between 1929 and 1928 is due to transfer of departmental salaries to the appropriation "Salaries, office Chief of Ordnance," and increase in estimate.			
	Deduct for personal services included in objects named below	460,000	290,000	280,000
01	Total personal services		8,000	15,625
	Supplies and materials:			
0200	Photostat and blue print	400	400	300
0270	Ammunition	20,000	20,000	20,000
02	Total supplies and materials	20,400	20,400	20,300
	Travel expenses:			
0600	Civilian employees	1,250	1,250	1,000
0620	Officers	1,250	1,250	1,400
06	Total travel expenses	2,500	2,500	2,400
07	Transportation (ordnance materials)	1,000	1,000	1,000
12	Repairs and alterations (war equipment)	623,100	247,200	116,534
13	Experimental and development work	176,000	190,000	228,965
				384,824
	Unobligated balance			1,176
	Total	823,000	469,100	386,000

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object				Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Field Artillery Armament—Continued. For alteration and maintenance of the mobile artillery, including the purchase and manufacture of machinery, tools, and materials necessary for the work and the expenses of the mechanics engaged thereon [$575,000] (*U. S. C., p. 177, sec. 192; act Feb. 23, 1927, vol. 44, p. 1126*)				$561,200.00	
	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927		
Personal services:					
Salaries, departmental service		$17,000	$20,508		
Salaries and wages, field service	$480,000	480,000	470,000		
	480,000	497,000	490,508		
The difference between 1929 and 1928 is due to transfer of departmental salaries to the appropriation "Salaries, office Chief of Ordnance."					
Deduct for personal services included in objects named below	480,000	480,000	470,000		
01 Total personal services		17,000	20,508		
02 Photostat and blue print supplies	2,500	2,500	2,498		
Travel expenses:					
0600 Civilian employees	400	400	447		
0620 Officers	600	600	568		
06 Total travel expenses	1,000	1,000	1,015		
07 Transportation (ordnance materials)	500	500	500		
12 Repairs and alterations (war equipment)	557,200	554,000	523,500		
			548,021		
Unobligated balance			1,979		
Total	561,200	575,000	550,000		
For purchase, manufacture, and test of subcaliber guns, ammunition, and other accessories for mountain, field, and siege artillery practice, including the machinery necessary for their manufacture [$279,000] (*U. S. C., p. 177, sec. 192; act Feb. 23, 1927, vol. 44, p. 1126*)				496,587.00	
				$3,033,537.00	$1,828,600.00
	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927		
Personal services:					
Salaries, departmental service		$2,000	$1,953		
Salaries and wages, field service	$298,000	167,400	98,000		
	298,000	169,400	99,953		
The difference between 1929 and 1928 is due to transfer of departmental salaries to the appropriation "Salaries, office Chief of Ordnance," and increase in estimate.					
Deduct for personal services included in objects named below	298,000	167,400	98,000		
01 Total personal services		2,000	1,953		
02 Ammunition and accessories for target practice	490,187	263,650	152,676		
07 Transportation (ordnance materials)	400	350	250		
12 Repairs and alterations (war equipment)	6,000	6,000	6,000		
30 Equipment: Subcaliber tubes		7,000	5,000		
			165,879		
Unobligated balance			1,121		
Total	496,587	279,000	167,000		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Proving Grounds, Army— For current expenses of the ordnance proving grounds, comprising the maintenance of rail and water transportation, repairs, alterations, accessories, and service of employees incidental to testing and proving ordnance and ordnance material, hire of assistants for the Ordnance Board, purchase of instruments and articles required for testing and experimental work, building and repairing butts and targets, clearing and grading ranges (*U. S. C., p. 177, sec. 192; act Feb. 23, 1927, vol. 44, p. 1126*)	$169,000.00	$169,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Salaries and wages, field service	$128,500	$128,500	$130,000
	Deduct for personal services included in objects named below	117,500	117,500	118,500
01	Total personal services	11,000	11,000	11,500
02	Miscellaneous supplies	2,000	2,000	2,000
	Travel expenses:			
0600	Civilian employees	25	25	10
0620	Officers	25	25	25
06	Total travel expenses	50	50	35
10	Heat, light, power, electricity, etc	25,000	25,000	25,000
	Repairs and alterations:			
1210	Roads and test courses	17,107	17,107	17,107
1280	Power, heat, etc., systems	9,000	9,000	9,000
1290	Proof facilities	8,362	8,362	8,400
12	Total repairs and alterations	34,469	34,469	34,507
	Special and miscellaneous current expenses:			
1360	Rail transportation (operation and maintenance)	39,000	39,000	40,000
1360	Motor transportation (operation and maintenance)	6,000	6,000	6,000
1360	Water transportation (operation and maintenance)	8,338	8,338	8,500
1360	Constant-temperature magazine	3,193	3,193	3,200
1380	Receiving and issuing ordnance and ordnance stores	30,000	30,000	30,000
1380	Testing and proving work	9,950	9,950	10,258
13	Total special and miscellaneous current expenses	96,481	96,481	97,958
	Total	169,000	169,000	171,000

	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Rock Island Bridge, Rock Island, Ill.— For operating, repair, and preservation of Rock Island bridges and viaduct, and maintenance and repair of the arsenal street connecting the bridges (*U. S. C., p. 177, sec. 192; act Feb. 23, 1927, vol. 44, p. 1126*)	35,000.00	30,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Salaries and wages, field service	$32,000	$29,000	$29,000
	Difference between 1929 and 1928 is due to increase in personnel.			
	Deduct for personal services included in objects named below	6,824	3,824	3,824
01	Total personal services	25,176	25,176	25,176
12	Repairs and alterations	9,824	4,824	4,824
	Total	35,000	30,000	30,000

	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Testing Machines— For necessary professional and skilled labor, purchase of materials, tools, and appliances for operating the testing machines, for investigative test and tests of material in connection with the manufacturing work of the Ordnance Department and for instruments and materials for operating the chemical laboratory in connection therewith, and for maintenance of the establishment (*act Mar. 3, 1873, vol. 17, p. 547; act Feb. 23, 1927, vol. 44, p. 1126*)	20,000.00	20,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Testing Machines—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
01	Salaries and wages, field service	$12,000	$12,000	$12,000
	Deduct for personal services included in objects named below	12,000	12,000	12,000
13	Experimental and development work	17,000	17,000	16,768
30	Laboratory equipment	3,000	3,000	3,232
	Total	20,000	20,000	20,000

Repairs of Arsenals—

For repairs and improvement of arsenals and depots, and to meet such unforeseen expenditures as accidents or other contingencies during the year may render necessary, including machinery for manufacturing purposes in the arsenals (*U. S. C., p. 177, sec. 192; act Feb. 23, 1927, vol. 44, p. 1126*) $800,000.00 $750,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
01	Salaries and wages, field service	$590,000	$560,000	$450,000
	Deduct for personal services included in objects named below	590,000	560,000	450,000
	Repairs and alterations:			
1200	Officers' quarters	50,000	46,436	42,000
1200	Enlisted men's quarters	60,000	54,000	52,500
1200	Permanent buildings	235,000	182,864	193,750
1200	Temporary buildings	60,000	30,310	32,000
1210	Roads, grounds, walks, etc	150,000	154,000	146,500
1210	Railroad trackage	90,000	73,890	78,750
1220	Water and sewer distributing systems	40,000	41,000	36,750
1220	Heat, light, and power distributing systems	65,000	46,000	42,000
1240	Docks and wharves	10,000	10,000	10,000
1280	Machinery and equipment	40,000	40,000	40,670
12	Total repairs and alterations	800,000	678,500	674,920
				674,920
	Unobligated balance			80
	Reserve		71,500	
	Total	800,000	750,000	675,000

Gauges, Dies, and Jigs, for Manufacture—

For the development and procurement of gauges, dies, jigs, and other special aids and appliances, including specifications and detailed drawings, to carry out the purpose of section 123 of the national defense act, approved June 3, 1916, as amended by the act approved June 4, 1920 (*U. S. C., p. 1694, sec. 78; act Feb. 23, 1927, vol. 44, p. 1126*) 75,000.00 75,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Personal services:			
	Salaries, departmental		$17,000	$5,078
	Salaries and wages, field service	$57,000	40,000	27,392
01	Total personal services	57,000	57,000	32,470
02	Miscellaneous supplies	500	500	521
06	Travel expenses (civilians)	1,500	1,500	1,075
13	Experimental and development work	4,000	4,000	2,750
30	Equipment: Manufacturing accessories, including gauges, jigs, etc	12,000	12,000	12,477
				49,293
	Unobligated balance			707
	Total	75,000	75,000	50,000

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
SPECIAL FUND		
Ordnance Material, Proceeds of Sales—War—		
Indefinite appropriation of an amount equal to the proceeds of sales of useless ordnance material by the War Department covered into the Treasury to be applied to the purpose of procuring a supply of material adapted in manufacture and caliber to the present wants of the service; but there shall be expended under this provision not more than $75,000 in any one year (*act Mar. 3, 1875, vol. 18, p. 388*)	$65,000.00	

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
01 Salaries and wages, field service	$40,000	$46,000	$15,000
The difference between 1929 and 1928 is due to decrease in personnel.			
Deduct for personal services included in objects named below	40,000	46,000	15,000
02 Ammunition	65,000	75,000	31,000
30 Equipment			44,000
Total	65,000	75,000	75,000

Total, support of the Regular Army under Ordnance Department	10,796,335.00	$8,108,969.00
FORTIFICATIONS		
Armament of Fortifications—		
For development, purchase, manufacture, and test of seacoast cannon for coast defense, including their carriages, sights, implements, equipments, and the machinery necessary for their manufacture [$199,500] (*U. S. C., p. 177, sec. 192; act Feb. 23, 1927, vol. 44, p. 1126*) $202,500.00		

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Personal services:			
Salaries, departmental service		$20,000	$23,437
Salaries and wages, field service	$128,000	116,000	180,000
	128,000	136,000	203,437
The difference between 1929 and 1928 is due to transfer of departmental salaries to the appropriation "Salaries, office Chief of Ordnance" part of which is offset by increase in estimate.			
Deduct for personal services included in objects named below	128,000	116,000	180,000
01 Total personal services		20,000	23,437
02 Photostat and blue print supplies	1,000	1,000	1,000
Travel expenses:			
0600 Civilian employees	800	800	1,246
0620 Officers	1,200	1,200	1,086
06 Total travel expenses	2,000	2,000	2,332
07 Transportation (ordnance materials)	4,000	4,000	6,000
13 Experimental and development work	108,500	82,500	20,000
30 Equipment: Cannon, carriages, etc	87,000	90,000	303,631
			356,400
Unobligated balance			600
Total	202,500	199,500	357,000

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Armament of Fortifications—Continued.

For purchase, manufacture, and test of ammunition for seacoast cannon, and for modernizing projectiles on hand, including the necessary experiments in connection therewith, and the machinery necessary for its manufacture [$144,000] (*U. S. C., p. 177, sec. 192; act Feb. 23, 1927, vol. 44, p. 1127*) $300,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Personal services:			
Salaries, departmental		$5,000	$4,883
Salaries and wages, field service	$197,000	97,000	100,000
	197,000	102,000	104,883
The difference between 1929 and 1928 is due to transfer of departmental salaries to the appropriation "Salaries, office Chief of Ordnance," part of which is offset by increase in estimate.			
Deduct for personal services included in objects named below	197,000	97,000	100,000
01 Total personal services		5,000	4,883
Supplies and materials:			
0200 Photostat and blue print	500	600	600
0270 Ammunition	211,000	25,000	32,000
02 Total supplies and materials	211,000	25,600	32,600
Travel expenses:			
0600 Civilian employees	500	400	360
0620 Officers	500	500	573
06 Total travel expenses	1,000	900	933
07 Transportation (ordnance materials)	500	500	500
13 Experimental and development work	87,000	112,000	109,519
			148,435
Unobligated balance			1,565
Total	300,000	144,000	150,000

For purchase, manufacture, and test of subcaliber guns, ammunition, and other accessories for seacoast artillery practice, including the machinery necessary for their manufacture [$220,800] (*U. S. C., p. 177, sec. 192; act Feb. 23, 1927, vol. 44, p. 1127*) 300,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Personal services:			
Salaries, departmental service		$5,000	$4,883
Salaries and wages, field service	$181,000	145,000	160,000
	181,000	150,000	164,883
The difference between 1929 and 1928 is due to transfer of departmental salaries to the appropriation "Salaries, office Chief of Ordnance."			
Deduct for personal services included in objects named below	181,000	145,000	160,000
01 Total personal services		5,000	4,883
02 Ammunition, etc., for target practice	289,800	200,500	259,311
07 Transportation (ordnance materials)	300	300	310
12 Repairs and alterations (war equipment)	9,900	15,000	9,500
			274,004
Unobligated balance			2,868
Total	300,000	220,800	276,872

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object		Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Armament of Fortifications—Continued.			
For alteration and maintenance of seacoast artillery, including the purchase and manufacture of machinery, tools, materials necessary for the work, and expenses of civilian mechanics [$229,053] (*U. S. C., p. 177, sec. 192; act Feb. 23, 1927, vol. 44, p. 1127*)	$220,500.00		
		$1,023,000.00	$793,353.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Personal services:			
Salaries, departmental service		$6,000	$4,883
Salaries and wages, field service	$162,000	162,000	150,000
	162,000	168,000	154,883
The difference between 1929 and 1928 is due to transfer of departmental salaries to the appropriation "Salaries, office Chief of Ordnance."			
Deduct for personal services included in objects named below	162,000	162,000	150,000
01 Total personal services		6,000	4,883
02 Photostat and blue-print supplies	1,500	1,500	1,501
Travel expenses:			
0600 Civilian employees	100	100	123
0620 Officers	100	100	250
06 Total travel expenses	200	200	373
07 Transportation (ordnance materials)	200	200	200
12 Repairs and alterations (war equipment)	218,600	221,153	193,024
			199,981
Unobligated balance			19
Total	220,500	229,053	200,000

Armament of Fortifications, Insular Possessions—

For purchase, manufacture, and test of ammunition for seacoast cannon, including the necessary experiments in connection therewith, and the machinery necessary for its manufacture [$251,074] (*U. S. C., p. 177, sec. 192; act Feb. 23, 1927, vol. 44, p. 1127*) 252,762.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Personal services:			
Salaries, departmental service		$5,000	$4,883
Salaries and wages, field service	$150,000	150,000	110,000
	150,000	155,000	114,883
The difference between 1929 and 1928 is due to transfer of departmental salaries to the appropriation "Salaries, office Chief of Ordnance."			
Deduct for personal services included in objects named below	150,000	150,000	110,000
01 Total personal services		5,000	4,883
02 Ammunition	252,762	246,074	153,217
Total	252,762	251,074	158,100

For alteration and maintenance of the seacoast artillery, including the purchase and manufacture of machinery, tools, and materials necessary for the work, and expenses of the civilian mechanics [$85,000] (*U. S. C., p. 177, sec. 192; act Feb. 23, 1927, vol. 44, p. 1127*) 80,000.00

332,762.00 336,074.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Armament of Fortifications, Insular Possessions—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Personal services:			
Salaries, departmental service		$2,000	$977
Salaries and wages, field service	$48,000	51,000	45,000
	48,000	53,000	45,977
The difference between 1929 and 1928 is due to transfer of departmental salaries to the appropriation "Salaries, office Chief of Ordnance," and decrease in estimate.			
Deduct for personal services included in objects named below	48,000	51,000	45,000
01 Total personal services		2,000	977
12 Repairs and alterations (war equipment)	80,000	83,000	73,848
			74,825
Unobligated balance			175
Total	80,000	85,000	75,000

Armament of Fortifications, Panama Canal—

For purchase, manufacture, and test of seacoast cannon for coast defense, including their carriages, sights, implements, equipments, and the machinery necessary for their manufacture [$167,500] (*U. S. C., p. 177, sec. 192; act Feb. 23, 1927, vol. 44, p. 1127*) $225,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Personal services:			
Salaries, departmental		$20,000	$3,906
Salaries and wages, field service	$130,000	100,000	33,000
	130,000	120,000	36,906
The difference between 1929 and 1928 is due to transfer of departmental salaries to the appropriation "Salaries, office Chief of Ordnance," and increase in estimate.			
Deduct for personal services included in objects named below	130,000	100,000	33,000
01 Total personal services		20,000	3,906
07 Transportation (ordnance materials)	500		
13 Experimental and development work	16,000		
30 Equipment, guns, carriages, etc	208,500	147,500	51,194
Total	225,000	167,500	55,100

For the purchase, manufacture, and test of ammunition for seacoast and land defense cannon, including the necessary experiments in connection therewith, and the machinery necessary for its manufacture [$374,660] (*U. S. C., p. 177, sec. 192; act Feb. 23, 1927, vol. 44, p. 1127*) 50,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Personal services:			
Salaries, departmental service		$5,000	$4,883
Salaries and wages, field servie	$24,000	250,000	57,200
	24,000	255,000	62,083
The difference between 1929 and 1928 is due to transfer of departmental salaries to the appropriation "Salaries, office Chief of Ordnance," and decrease in estimate.			
Deduct for personal services included in objects named below	24,000	250,000	57,200
01 Total personal services		5,000	4,883
02 Ammunition	50,000	369,660	90,063
			94,946
Unobligated balance			404
Total	50,000	374,660	95,350

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object		Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Armament of Fortifications, Panama Canal—Continued.			
For the alteration and maintenance and installation of the seacoast artillery, including the purchase and manufacture of machinery, tools, and materials necessary for the work and expenses of civilian mechanics, [$62,300] (*U. S. C., p. 177, sec. 192; act Feb. 23, 1927, vol. 44, p. 1127*)	$54,000.00		
		$329,000.00	$604,460.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Personal services:			
Salaries, departmental service		$2,000	$977
Salaries and wages, field service	$27,000	30,000	25,000
	27,000	32,000	25,977
The difference between 1929 and 1928 is due to transfer of departmental salaries to the appropriation "Salaries, office Chief of Ordnance," and decrease in estimate.			
Deduct for personal services included in objects named below	27,000	30,000	25,000
01 Total personal services		2,000	977
12 Repairs and alterations (war equipment)	54,000	60,300	49,022
			49,999
Unobligated balance			1
Total	54,000	62,300	50,000

Total, fortifications, under the Ordnance Department	1,684,762.00	1,733,887.00
Total, military, under Ordnance Department	12,481,097.00	9,842,856.00

DEPARTMENTAL

Salaries, Office of Chief of Ordnance—		
Salaries: For personal services in the District of Columbia in accordance with the classification act of 1923 (*act Feb. 23, 1927, vol. 44, p. 1127*)	395.685.00	155,685.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 5, $5,200 to $6,000; average, $5,600—						
Senior engineer	5	$5,520				
Grade 4, $3,800 to $5,000; average, $4,400—						
Engineer	11	3,982				
Attorney	1	4,000				
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate engineer	16	3,100				
Associate attorney	1	3,000				
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant engineer	8	2,538				
Subprofessional service—						
Grade 8, $2,400 to $3,000; average, $2,700—						
Chief engineering draftsman	3	2,533				
Chief scientific illustrator	1	2,400				
Grade 7, $2,100 to $2,700; average, $2,400—						
Principal engineering draftsman	3	2,267				
Grade 6, $1,860 to $2,400; average, $2,100—						
Senior engineering draftsman	5	2,060				
Senior engineering aid	1	1,860				
Grade 5, $1,680 to $2,040; average, $1,860—						
Engineering draftsman	1	1,740				
Library assistant	1	1,740				
Grade 4, $1,500 to $1,860; average, $1,680—						
Assistant social service worker	1	1,860	1	$1,860	1	$1,860
Grade 3, $1,320 to $1,680; average, $1,500—						
Under Library assistant	1	1,440				
Junior engineering draftsman	2	1,320				
Grade 2, $1,140 to $1,500; average, $1,320—						
Apprentice engineering draftsman	3	1,220				
Clerical, administrative, and fiscal service—						
Grade 9, $3,000 to $3,600; average, $3,300—						
Senior administrative assistant (chief clerk)	1	3,100	1	3,100		
Senior administrative assistant					1	3,000
Grade 8, $2,700 to $3,300; average, $3,000—						
Administrative assistant (1 chief, finance contact section, 1 chief, statistical section)	2	2,800				
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant (principal clerk, advisory section)	1	2,800				
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	8	2,312	1	2,300	1	2,300

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries, Office of Chief of Ordnance—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service—Continued.						
Salaries—Continued.						
Clerical, administrative, and fiscal service—Contd.	*Average—*		*Average—*		*Average—*	
Grade 5, $1,860 to $2,400; average, $2,100—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Senior clerk	12	$2,100	7	$2,080	7	$2,080
Senior clerk-stenographer	3	2,167	3	2,167	3	2,100
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	5	1,884	5	1,884	5	1,884
Clerk-stenographer	7	1,800	7	1,800	7	1,800
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	13	1,712	13	1,712	13	1,707
Assistant clerk-stenographer	26	1,614	23	1,633	23	1,633
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk-typist	12	1,498	9	1,518	10	1,488
Senior typist	4	1,530	4	1,530	3	1,520
Junior clerk-stenographer	9	1,467	9	1,467	8	1,470
Junior stenographer	2	1,500				
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	4	1,395	4	1,395	3.9	1,340
Underclerk-typist	2	1,260	2	1,260	2	1,260
Custodial service—						
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger	8	1,125	4	1,110	4	1,110
Total average number of employees	183		93		91.9	
01 Total salaries, departmental service		395,685.00		155,685.00		153,186.00
Transferred to "Contingent expenses, War Department," as authorized by second deficiency act, approved July 3, 1926						602.16
Unobligated balance						4,981.84
Total		395,685.00		155,685.00		158,770.00
The difference between 1929 and 1928 is due to transfer of allotment roll employees to regular roll, $240,000.						

[The services of skilled draftsmen and such other services as the Secretary of War may deem necessary may be employed only in the office of the Chief of Ordnance to carry into effect the various appropriations for the armament of fortifications and for the arming and equipping of the National Guard, to be paid from such appropriations: *Provided*, That the entire expenditures for this purpose for the fiscal year 1928 shall not exceed $250,000, and the Secretary of War shall each year, in the Budget, report to Congress the number of persons so employed, their duties, and the amount paid to each] (*act Feb. 23, 1927, vol. 44, p. 1127*)

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
ALLOTMENT ROLL (LUMP-SUM AUTHORIZATION)						
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
Grade 5, $5,200 to $6,000; average, $5,600—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Senior engineer			5	$5,520	5	$5,520
Grade 4, $3,800 to $5,000; average, $4,400—						
Engineer			11	3,982	9.8	3,938
Attorney			1	4,000	1	4,000
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate engineer			17	3,100	18	3,111
Associate attorney			1	3,000	1	3,000
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant engineer			8	2,542	8	2,542
Grade 1, $1,860 to $2,400; average, $2,100—						
Junior engineer			1	2,200	1	2,200
Subprofessional service—						
Grade 8, $2,400 to $3,000; average, $2,700—						
Chief engineering draftsman			3	2,533	3	2,533
Chief scientific illustrator			1	2,400	1	2,400
Grade 7, $2,100 to $2,700; average, $2,400—						
Principal engineering draftsman			3	2,267	3	2,267
Grade 6, $1,860 to $2,400; average, $2,100—						
Senior engineering draftsman			6	2,060	6	2,060
Senior engineering aid			1	1,860	1	1,860
Grade 5, $1,680 to $2,040; average, $1,860—						
Engineering draftsman			1	1,740	1	1,740
Library assistant			1	1,740	1	1,740
Grade 3, $1,320 to $1,680; average, $1,500—						
Underlibrary assistant			1	1,440	1	1,440
Junior engineering draftsman			2	1,320	2	1,320
Grade 2, $1,140 to $1,500; average, $1,320—						
Apprentice engineering draftsman			3	1,220	1.6	1,128

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries, Office of Chief of Ordnance—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
ALLOTMENT ROLL (LUMP-SUM AUTHORIZATION)—con.						
Departmental service—Continued.						
Salaries—Continued.						
Clerical, administrative, and fiscal service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 8, $2,700 to $3,300; average, $3,000—						
Administrative assistant			2	$2,800	2	$2,800
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant			1	2,800	1	2,800
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk			8	2,313	7	2,343
Grade 5, $1,860 to $2,400; average, $2,100—						
Senior clerk			5	2,152	5	2,152
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk-stenographer			3	1,540	3	1,540
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk-typist			3	1,440	3	1,440
Junior stenographer			2	1,500	2	1,500
Custodial service—						
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger			4	1,140	4	1,140
Total average number of employees			94		91.4	
01 Total salaries, departmental service				250,000		244,106
Unobligated balance						5,894
Total				250,000		250,000
The difference between 1929 and 1928 is due to decrease in force by transfer to regular roll, $250,000.						

Consolidated schedule of field employees

Field service:						
Salaries and wages—						
Salary range, $7,500 and over—						
Consulting engineers	4	$2,500	4	$2,500	4	$2,500
Salary range, $5,200 to $6,000; average, $5,600—						
Ordnance engineer	1	5,200	1	5,200	1	5,200
Salary range, $3,800 to $5,000; average, $4,400—						
Senior ordnance engineer	1	5,000	1	5,000	1	5,000
Chemical explosives engineer	1	4,800	1	4,800	1	4,800
Research physicist	1	4,600	1	4,600	1	4,600
Chief draftsman	1	4,200	1	4,200	1	4,200
Chemist	2	4,100	2	4,100	2	4,100
Automatic rifle designer	1	4,000	1	4,000	1	4,000
Electronic physicist	1	4,000	1	4,000	1	4,000
Mathematician	1	4,000	1	4,000	1	4,000
Pyrotechnic engineer	1	4,000	1	4,000	1	4,000
Caterpillar artillery vehicle expert	1	3,900	1	3,900	1	3,900
Ordnance engineer	2	3,850	2	3,850	2	3,850
Master mechanic	1	3,800	1	3,800	1	3,800
Foreman	1	3,800	1	3,800	1	3,800
Salary range, $3,300 to $3,900; average, $3,600—						
Assistant superintendent production	1	3,700	1	3,700	1	3,700
Engineer, plant	1	3,600	1	3,600	1	3,600
Draftsman	1	3,500	1	3,500	1	3,500
Engineer, mechanical	1	3,500	1	3,500	1	3,500
Engineer, optical	1	3,500	1	3,500	1	3,500
Master mechanic	2	3,450	2	3,450	2	3,450
Ordnance engineer	5	3,440	5	3,440	5	3,440
Chemist	1	3,400	1	3,400	1	3,400
Research engineer	1	3,400	1	3,400	1	3,400
Foreman, ammunition	1	3,396	1	3,396	1	3,396
Foreman, armament	1	3,396	1	3,396	1	3,396
Chief draftsman	2	3,300	2	3,300	2	3,300
Clerk, special	2	3,300	2	3,300	2	3,300
Foreman	2	3,300	2	3,300	2	3,300
Foreman, woodworking	1	3,300	1	3,300	1	3,300
Salary range, $3,000 to $3,600; average, $3,300—						
Foreman, artillery-vehicle shop	1	3,240	1	3,240	1	3,240
Foreman, electrical department	1	3,240	1	3,240	1	3,240
Foreman, planning department	1	3,240	1	3,240	1	3,240
Associate chemical engineer	1	3,200	1	3,200	1	3,200
Chief chemist	1	3,200	1	3,200	1	3,200
Foreman, general	1	3,200	1	3,200	1	3,200
Assistant superintendent	1	3,132	1	3,132	1	3,132
Foreman, armament	1	3,120	1	3,120	1	3,120
Associate ordnance engineer	1	3,100	1	3,100	1	3,100
Clerk, special, time and pay roll	1	3,100	1	3,100	1	3,100
Foreman, general	1	3,100	1	3,100	1	3,100
Master mechanic	1	3,100	1	3,100	1	3,100
Ordnance engineer	2	3,100	2	3,100	2	3,100
Superintendent magazine area	1	3,100	1	3,100	1	3,100
Foreman, machine gun-shop	3	3,088	3	3,088	3	3,088
Clerk, special	5	3,060	5	3,060	5	3,060
Accountant	1	3,000	1	3,000	1	3,000
Chief mechanical draftsman	2	3,000	2	3,000	2	3,000
Computer	1	3,000	1	3,000	1	3,000
Draftsman, squad boss	1	3,000	1	3,000	1	3,000
Engineer, plant	1	3,000	1	3,000	1	3,000
Foreman, ammunition	1	3,000	1	3,000	1	3,000
Foreman, armament	3	3,000	3	3,000	3	3,000
Foreman, general loading	1	3,000	1	3,000	1	3,000
Foreman, powder plant	1	3,000	1	3,000	1	3,000

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Consolidated schedule of field employees—Continued

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service—Continued.						
Salaries and wages—Continued.	*Average*—		*Average*—		*Average*—	
Salary range, $3,000 to $3,600; average, $3,300—Con.	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Metallurgical chemist	1	$3,000	1	$3,000	1	$3,000
Research engineer	1	3,000	1	3,000	1	3,000
Special agent	1	3,000	1	3,000	1	3,000
Salary range, $2,700 to $3,300; average, $3,000—						
Instrument maker	1	2,988	1	2,988	1	2,988
Wireman	1	2,916	1	2,916	1	2,916
Chief enginemen	1	2,904	1	2,904	1	2,904
Resident machinist	3	2,904	3	2,904	3	2,904
Chief draftsman	1	2,900	1	2,900	1	2,900
Clerk, special, property	1	2,900	1	2,900	1	2,900
Computer	1	2,900	1	2,900	1	2,900
Gauge designer	1	2,900	1	2,900	1	2,900
Foreman, ammunition	2	2,880	2	2,880	2	2,880
Foreman, machinist	1	2,880	1	2,880	1	2,880
Armorer	1	2,868	1	2,868	1	2,868
Accountant	1	2,800	1	2,800	1	2,800
Chemist	2	2,800	2	2,800	2	2,800
Fire chief	1	2,800	1	2,800	1	2,800
Foreman, carpenter	1	2,800	1	2,800	1	2,800
Foreman, millwright	1	2,800	1	2,800	1	2,800
Machinist, general	4	2,776	4	2,776	4	2,776
Inspector, ordnance material	2	2,768	2	2,768	2	2,768
Draftsman, mechanical	6	2,766	6	2,766	6	2,766
Clerk, special	8	2,762	8	2,762	8	2,762
Foreman, mechanical trades	1	2,760	1	2,760	1	2,760
Assistant foreman, tinsmith	1	2,750	1	2,750	1	2,750
Foreman	6	2,750	6	2,750	6	2,750
Foreman, armament	6	2,750	6	2,750	6	2,750
Foreman, machine-shop	4	2,748	4	2,748	4	2,748
Machinist, armament	2	2,724	2	2,724	2	2,724
Assistant chemist	4	2,700	4	2,700	4	2,700
Associate mechanical engineer	1	2,700	1	2,700	1	2,700
Engineer, electrical	1	2,700	1	2,700	1	2,700
Engineer of tests	1	2,700	1	2,700	1	2,700
Foreman, blacksmith	1	2,700	1	2,700	1	2,700
Foreman, explosive loading	1	2,700	1	2,700	1	2,700
Foreman, pipe shop	1	2,700	1	2,700	1	2,700
Foreman, small arms shop	1	2,700	1	2,700	1	2,700
Instrument maker	1	2,700	1	2,700	1	2,700
Master mechanic	1	2,700	1	2,700	1	2,700
Production assistant	1	2,700	1	2,700	1	2,700
Pyrotechnic engineer	2	2,700	2	2,700	2	2,700
Superintendent of plants	1	2,700	1	2,700	1	2,700
Salary range, $2,400 to $3,000; average, $2,700—						
Foreman of bridges	1	2,652	1	2,652	1	2,652
Foreman, foundry and pattern shop	1	2,652	1	2,652	1	2,652
Foreman, hydraulic-press department	1	2,652	1	2,652	1	2,652
Foreman, armament	3	2,640	3	2,640	3	2,640
Foreman, proof house	1	2,640	1	2,640	1	2,640
Foreman, toolmaker	1	2,640	1	2,640	1	2,640
Foreman, electrical shop	1	2,604	1	2,604	1	2,604
Associate physicist	1	2,600	1	2,600	1	2,600
Chemical-explosives engineer	1	2,600	1	2,600	1	2,600
Clerk	3	2,600	3	2,600	3	2,600
Draftsman, design	3	2,600	3	2,600	3	2,600
Foreman, bag loading	1	2,600	1	2,600	1	2,600
Foreman, explosives loading department	1	2,600	1	2,600	1	2,600
Chief clerk	1	2,592	1	2,592	1	2,502
Foreman, shop	3	2,560	3	2,560	3	2,560
Inspector ordnance material	2	2,550	2	2,550	2	2,550
Production assistant	6	2,542	6	2,542	6	2,542
Surveillance inspector	1	2,520	1	2,520	1	2,520
Foreman	12	2,511	12	2,511	12	2,511
Resident machinist	2	2,508	2	2,508	2	2,508
Foreman, electrician	3	2,506	3	2,506	3	2,506
Storekeeper	2	2,506	2	2,506	2	2,506
Assistant foreman, machinist	1	2,500	1	2,500	1	2,500
Assistant inspector	1	2,500	1	2,500	1	2,500
Assistant metallurgist	1	2,500	1	2,500	1	2,500
Chemist	1	2,500	1	2,500	1	2,500
Computer	1	2,500	1	2,500	1	2,500
Chemical-explosives engineer	1	2,500	1	2,500	1	2,500
Engineer of tests	2	2,500	2	2,500	2	2,500
Foreman, carpenter	5	2,500	5	2,500	5	2,500
Master mechanic	1	2,500	1	2,500	1	2,500
Superintendent of shops	1	2,500	1	2,500	1	2,500
Superintendent of supplies	1	2,500	1	2,500	1	2,500
Foreman, machinist	7	2,493	7	2,493	7	2,493
Clerk, special	22	2,488	22	2,488	22	2,488
Draftsman, mechanical	16	2,475	16	2,475	16	2,475
Repairman, tractor	1	2,460	1	2,460	1	2,460
Machinist, armament	3	2,456	3	2,456	3	2,456
Foreman, armament	4	2,454	4	2,454	4	2,454
Foreman, equipment shop	1	2,448	1	2,448	1	2,448
Chief mechanical draftsman	3	2,433	3	2,433	3	2,433
Assistant armament foreman	2	2,430	2	2,430	2	2,430
Assistant foreman shell loading	2	2,425	2	2,425	2	2,425
Proof director	5	2,420	5	2,420	5	2,420
Foreman, blacksmith	1	2,412	1	2,412	1	2,412
Foreman, plumber	1	2,412	1	2,412	1	2,412
Mason	1	2,403	1	2,403	1	2,403
Accountant	2	2,400	2	2,400	2	2,400
Chemist, assistant	1	2,400	1	2,400	1	2,400
Chemist, junior	1	2,400	1	2,400	1	2,400

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Consolidated schedule of field employees—Continued

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average—		Average—		Average—	
	No.	Salary	No.	Salary	No.	Salary
Field service—Continued.						
Salaries and wages—Continued.						
Salary range, $2,400 to $3,000; average, $2,700—Con.						
Clerk, special, property	1	$2,400	1	$2,400	1	$2,400
Estimator	1	2,400	1	2,400	1	2,400
Foreman, automobile repair shop	1	2,400	1	2,400	1	2,400
Foreman, small-arms shop	1	2,400	1	2,400	1	2,400
Foreman, storehouse	1	2,400	1	2,400	1	2,400
Foreman, toolmaker	1	2,400	1	2,400	1	2,400
Foreman, W. and S. department	1	2,400	1	2,400	1	2,400
Inspector of tanks	4	2,400	4	2,400	4	2,400
Inspector tanks and tractors	2	2,400	2	2,400	2	2,400
Machinist, general	2	2,400	2	2,400	2	2,400
Research physicist	2	2,400	2	2,400	2	2,400
Storekeeper	2	2,400	2	2,400	2	2,400
Superintendent of storage	1	2,400	1	2,400	1	2,400
Yardmaster	1	2,400	1	2,400	1	2,400
Salary range, $2,100 to $2,700; average, $2,400—						
Foreman, armorer	1	2,364	1	2,364	1	2,364
Machinist, traveling armament	1	2,340	1	2,340	1	2,340
Foreman, instrument shop	1	2,328	1	2,328	1	2,328
Foreman, paint and woodworking department	1	2,328	1	2,328	1	2,328
Carpenter	10	2,305	10	2,305	10	2,305
Foreman, heat treatment	1	2,304	1	2,304	1	2,304
Foreman, outside maintenance	1	2,304	1	2,304	1	2,304
Foreman, painter	1	2,304	1	2,304	1	2,304
Gauge maker	1	2,303	1	2,303	1	2,303
Assistant foreman powder plant	1	2,300	1	2,300	1	2,300
Computer	1	2,300	1	2,300	1	2,300
Draftsman, design	1	2,300	1	2,300	1	2,300
Printer	1	2,300	1	2,300	1	2,300
Gang boss, machine shop	5	2,292	5	2,292	5	2,292
Foreman, mechanical trades	8	2,285	8	2,285	8	2,285
Foreman, instrument maker	1	2,280	1	2,280	1	2,280
Millwright	6	2,278	6	2,278	6	2,278
Subinspector	4	2,262	4	2,262	4	2,262
Toolmaker	18	2,257	18	2,257	18	2,257
Foreman, primer shop	1	2,256	1	2,256	1	2,256
Assistant foreman machinist	6	2,253	6	2,253	6	2,253
Foreman	9	2,250	9	2,250	9	2,250
Foreman, ammunition assembler	1	2,250	1	2,250	1	2,250
Foreman, case shop	1	2,250	1	2,250	1	2,250
Foreman, machinist	3	2,250	1	2,250	1	2,250
Gauge checker	2	2,250	2	2,250	2	2,250
Inspector, ordnance material	3	2,233	3	2,233	3	2,233
Proof director	3	2,233	3	2,233	3	2,233
Armorer	1	2,220	1	2,220	1	2,220
Repairman, tractor	5	2,220	5	2,220	5	2,220
Machinist, general	6	2,213	6	2,213	6	2,213
Foreman, garage	2	2,212	2	2,212	2	2,212
Foreman, printer	1	2,208	1	2,208	1	2,208
Pipe fitter	6	2,207	6	2,207	6	2,207
Foreman, explosive prop	1	2,200	1	2,200	1	2,200
Foreman, labor	4	2,200	2	2,200	2	2,200
Foreman, material keeper	1	2,200	1	2,200	1	2,200
Foreman, pipe fitter	1	2,200	1	2,200	12	2,200
Superintendent of shops	1	2,200	1	2,200	1	2,200
Production assistant	12	2,198	12	2,198	12	2,198
Instrument maker	9	2,189	9	2,189	9	2,189
Clerk	7	2,185	7	2,185	7	2,185
Resident machinist	16	2,182	16	2,182	16	2,182
Draftsman, mechanical	10	2,180	10	2,180	10	2,180
Clerk, special	19	2,175	19	2,175	19	2,175
Millwright	1	2,153	1	2,153	1	2,153
Assistant foreman, shop	2	2,150	2	2,150	2	2,150
Estimator	2	2,150	2	2,150	2	2,150
Surveillance inspector	4	2,150	4	2,150	4	2,150
Pattern maker	9	2,140	9	2,140	9	2,140
Electrician	3	2,136	3	2,136	3	2,136
Storekeeper	7	2,133	7	2,133	7	2,133
Die sinker	1	2,128	1	2,128	1	2,128
Machinist, armament	21	2,125	21	2,125	21	2,125
Assistant foreman	10	2,120	10	2,120	10	2,120
Machinist	14	2,109	4	2,109	4	2,109
Assistant chemist	1	2,100	1	2,100	1	2,100
Blacksmith	1	2,100	1	2,100	1	2,100
Chief mechanical draftsman	1	2,100	1	2,100	1	2,100
Assistant foreman, primer loading	1	2,100	1	2,100	1	2,100
Draftsman, layout	1	2,100	1	2,100	1	2,100
Engineer, stationary	1	2,100	1	2,100	1	2,100
Foreman, ammunition assembler	3	2,100	1	2,100	1	2,100
Foreman, plumber	1	2,100	1	2,100	1	2,100
Foreman, police	1	2,100	1	2,100	1	2,100
Gauge designer	1	2,100	1	2,100	1	2,100
Machinist, general	2	2,100	2	2,100	1	2,100
Magazine keeper	1	2,100	1	2,100	1	2,100
Foreman, shop	1	2,100	1	2,100	1	2,100
Tool designer	1	2,100	1	2,100	1	2,100
Salary range, $1,860 to $2,400; average, $2,100—						
Foreman, tractor	1	2,088	1	2,088	1	2,088
Metal plater	1	2,078	1	2,078	1	2,078
Engineer, locomotive	4	2,040	4	2,040	4	2,040

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Consolidated schedule of field employees—Continued

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average—		*Average*—		*Average*—	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Field service—Continued.						
Salaries and wages—Continued.						
Salary range, $1,860 to $2,400; average, $2,100—Con.						
Surveillance inspector	1	$2,040	1	$2,040	1	$2,040
Subinspector	15	2,013	15	2,013	15	2,013
Foreman, shop	1	2,004	1	2,004	1	2,004
Sheet-metal worker	4	2,003	4	2,003	4	2,003
Upholsterer	1	2,003	1	2,003	1	2,003
Armorer	1	2,000	1	2,000	1	2,000
Assistant armament foreman	1	2,000	1	2,000	1	2,000
Assistant foreman paint shop	1	2,000	1	2,000	1	2,000
Chief mechanical draftsman	1	2,000	1	2,000	1	2,000
Engineman, locomotive	1	2,000	1	2,000	1	2,000
Foreman	1	2,000	1	2,000	1	2,000
Foreman, electrician	1	2,000	1	2,000	1	2,000
Foreman storehouse	1	2,000	1	2,000	1	2,000
Foreman testing grounds	2	2,000	1	2,000	1	2,000
Laboratory assistant	1	2,000	1	2,000	1	2,000
Machinist, armament	8	1,995	8	1,995	8	1,995
Pattern maker	10	1,988	7	1,988	7	1,988
Assistant foreman	6	1,983	6	1,983	6	1,983
Repairman, tractor	16	1,981	16	1,981	16	1,981
Repairman, maintenance	1	1,980	1	1,980	1	1,980
Pipe fitter	2	1,977	2	1,977	2	1,977
Plumber	3	1,977	3	1,977	3	1,977
Mason	6	1,972	6	1,972	6	1,972
Carpenter	17	1,966	17	1,966	17	1,966
Printer	2	1,964	2	1,964	2	1,964
Proof assistant	5	1,963	5	1,963	5	1,963
Blacksmith	4	1,962	4	1,962	4	1,962
Engineman, stationary	7	1,961	7	1,961	7	1,961
Machinist, general	26	1,957	6	1,957	6	1,957
Pro uction assistant	14	1,957	14	1,957	14	1,957
Foreman, painter	1	1,956	1	1,956	1	1,956
Steam fitter	4	1,954	4	1,954	4	1,954
Computer	6	1,953	6	1,953	6	1,953
Repairman, automobile	4	1,947	4	1,947	4	1,947
Srorekeeper	8	1,947	8	1,947	8	1,947
Clerk	12	1,945	12	1,945	12	1,945
Launch captain	1	1,944	1	1,944	1	1,944
Lens grinder	5	1,943	5	1,943	5	1,943
Molder	5	1,943	5	1,943	5	1,943
Tool hardener	4	1,940	4	1,940	4	1,940
Millwright	5	1,938	5	1,938	5	1,938
Toolmaker	83	1,937	83	1,937	83	1,937
Gang boss	8	1,936	4	1,936	4	1,936
Machinist	135	1,936	135	1,936	135	1,936
Foreman, explosives handler	4	1,930	2	1,930	2	1,930
Diemaker	4	1,928	4	1,928	4	1,928
Jeweler	1	1,928	1	1,928	1	1,928
Electrician	10	1,926	10	1,926	10	1,926
Instrument maker	26	1,924	26	1,924	26	1,924
Draftsman	10	1,922	10	1,922	10	1,922
Fire fighter	1	1,920	1	1,920	1	1,920
Foreman stables	1	1,920	1	1,920	1	1,920
Repair man, traveling armament	1	1,920	1	1,920	1	1,920
Gauge checker	5	1,918	5	1,918	5	1,918
Clerk,special	21	1,916	21	1,916	21	1,916
Engineman, crane	1	1,915	1	1,915	1	1,915
Tinsmith	2	1,915	2	1,915	2	1,915
Boiler maker	1	1,903	1	1,903	1	1,903
Assistant foreman, bag loading	1	1,900	1	1,900	1	1,900
Assistant foreman, complete rounds	1	1,900	1	1,900	1	1,900
Assistant foreman, explosive loading	1	1,900	1	1,900	1	1,900
Assistant foreman, fuze loading	2	1,900	2	1,900	2	1,900
Assistant foreman, cloth and leather	1	1,896	1	1,896	1	1,896
Foreman, carpenter	1	1,884	1	1,884	1	1,884
Foreman, mechanical trades	2	1,884	2	1,884	2	1,884
Fireman, stationary	4	1,882	4	1,882	4	1,882
Gauge maker	13	1,879	13	1,879	13	1,879
Leather worker, cutter	1	1,878	1	1,878	1	1,878
Pad maker	1	1,878	1	1,878	1	1,878
Photographer	1	1,878	1	1,878	1	1,878
Yardmaster	1	1,878	1	1,878	1	1,878
Accountant	1	1,872	1	1,872	1	1,872
Gang boss	1	1,872	1	1,872	1	1,872
Timekeeper	1	1,872	1	1,872	1	1,872
Welder, acetylene	1	1,865	1	1,865	1	1,865
Assistant fire chief	4	1,860	4	1,860	4	1,860
Chemist, junior	1	1,860	1	1,860	1	1,860
Conductor, rail	1	1,860	1	1,860	1	1,860
Dispatcher	1	1,860	1	1,860	1	1,860
Foreman, gardener	1	1,860	1	1,860	1	1,860
Foreman, track	1	1,860	1	1,860	1	1,860
Machinist, first class	20	1,860	1	1,860	1	1,860
Stenographer	1	1,860	1	1,860	1	1,860
Painter	5	1,853	5	1,853	5	1,853
Salary range, $1,680 to $2,040; average, $1,860—						
Drop forger	1	1,852	1	1,852	1	1,852
Rigger	1	1,852	1	1,852	1	1,852
Tinsmith	1	1,852	1	1,852	1	1,852
Engineman, stationary	1	1,836	1	1,836	1	1,836
Jeweler	1	1,827	1	1,827	1	1,827

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Consolidated schedule of field employees—Continued

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service—Continued.						
Salaries and wages—Continued.	*Average—*		*Average—*		*Average—*	
Salary range, $1,680 to $2,040; average, $1,860—Con.	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Boiler maker	2	$1,802	2	$1,802	2	$1,802
Engineman, locomotive	2	1,802	2	1,802	2	1,802
Molder	2	1,802	2	1,802	2	1,802
Operator, automatic screw	11	1,802	11	1,802	11	1,802
Printer	4	1,802	4	1,802	4	1,802
Riveter	1	1,802	1	1,802	1	1,802
Operator, explosives	27	1,801	7	1,801	7	1,801
Chauffeur	4	1,800	4	1,800	4	1,800
Clerk, special, armament	1	1,800	1	1,800	1	1,800
Conductor	1	1,800	1	1,800	1	1,800
Foreman, assembler	4	1,800	2	1,800	2	1,800
Foreman, garage	1	1,800	1	1,800	1	1,800
Foreman, police	1	1,800	1	1,800	1	1,800
Foreman, storehouse	1	1,800	1	1,800	1	1,800
Machinist, general	1	1,800	1	1,800	1	1,800
Gang boss	20	1,800	2	1,800	2	1,800
Machinist, armament	11	1,800	11	1,800	11	1,800
Machinist, first class	2	1,800	2	1,800	2	1,800
Magazine keeper	1	1,800	1	1,800	1	1,800
Production assistant	1	1,800	1	1,800	1	1,800
Skilled workman	2	1,800	2	1,800	2	1,800
Repair man, automobile	8	1,795	8	1,795	8	1,795
Painter	4	1,789	4	1,789	4	1,789
Foreman, labor	1	1,788	1	1,788	1	1,788
Carpenter	12	1,787	12	1,787	12	1,787
Attendant, switchboard	7	1,786	7	1,786	7	1,786
Hostler	3	1,785	3	1,785	3	1,785
Laboratory assistant	3	1,784	3	1,784	3	1,784
Steamfitter	3	1,784	3	1,784	3	1,784
Assistant foreman	6	1,778	3	1,778	3	1,778
Clerk, special	8	1,777	8	1,777	8	1,777
Craneman, electric	2	1,777	2	1,777	2	1,777
Instrument maker	12	1,777	2	1,777	2	1,777
Pipefitter	1	1,777	1	1,777	1	1,777
Plumber	1	1,777	1	1,777	1	1,777
Gang boss	2	1,770	2	1,770	2	1,770
Toolmaker	10	1,769	10	1,769	10	1,769
Electrician	13	1,767	13	1,767	13	1,767
Machinist	91	1,766	81	1,766	81	1,766
Engineman, crane	6	1,764	6	1,764	6	1,764
Tool hardener	2	1,764	2	1,764	2	1,764
Proof assistant	15	1,762	15	1,762	15	1,762
Foreman, carpenter	1	1,760	1	1,760	1	1,760
Patternmaker	7	1,759	7	1,759	7	1,759
Adjuster, machine	9	1,752	9	1,752	9	1,752
Engineman, power roller	1	1,752	1	1,752	1	1,752
Gauge checker	1	1,752	1	1,752	1	1,752
Gauge maker	1	1,752	1	1,752	1	1,752
Mason	1	1,752	1	1,752	1	1,752
Sheet metal worker	2	1,752	2	1,752	2	1,752
Blacksmith	8	1,751	8	1,751	8	1,751
Repairman, tractor	6	1,747	6	1,747	6	1,747
Draftsman, mechanical	8	1,746	8	1,746	8	1,746
Tool dresser	5	1,743	5	1,743	5	1,743
Statistician	1	1,740	1	1,740	1	1,740
Repairman, traveling armament	1	1,740	1	1,740	1	1,740
Millwright	2	1,739	2	1,739	2	1,739
Operator, machine	5	1,737	5	1,737	5	1,737
Gang boss	3	1,735	3	1,735	3	1,735
Assembler	1	1,727	1	1,727	1	1,727
Clerk	24	1,727	24	1,727	24	1,727
Storekeeper	6	1,720	6	1,720	6	1,720
Subinspector	16	1,719	16	1,719	16	1,719
Fireman, stationary	13	1,715	13	1,715	13	1,715
Welder, acetylene	2	1,714	2	1,714	2	1,714
Operator, substation	4	1,710	4	1,710	4	1,710
Assistant foreman storekeeper	5	1,704	5	1,704	5	1,704
Gang boss, storage	4	1,704	4	1,704	4	1,704
Gang boss, explosive operator	8	1,702	8	1,702	8	1,702
Plater	1	1,702	1	1,702	1	1,702
Assistant police chief	2	1,700	2	1,700	2	1,700
Foreman, harness shop	1	1,700	1	1,700	1	1,700
Foreman, track	1	1,700	1	1,700	1	1,700
Chief checker	1	1,680	1	1,680	1	1,680
Draftsman	1	1,680	1	1,680	1	1,680
Firefighter	3	1,680	3	1,680	3	1,680
Foreman, blue print department	1	1,680	1	1,680	1	1,680
Matron	1	1,680	1	1,680	1	1,680
Stenographer	2	1,680	2	1,680	2	1,680
Salary range, $1,500 to $1,860; average, $1,680—						
Pipefitter	1	1,677	1	1,677	1	1,677
Engineman, stationary	1	1,668	1	1,668	1	1,668
Fireman	6	1,668	6	1,668	6	1,668
Instrument maker	7	1,652	7	1,652	7	1,652
Pattern maker	1	1,652	1	1,652	1	1,652
Tool dresser	2	1,652	2	1,652	2	1,652
Machinist	100	1,645	52	1,645	52	1,645
Repairman, automobile	8	1,645	8	1,645	8	1,645
Plumber	2	1,639	2	1,639	2	1,639
Gang boss, storage	8	1,635	8	1,635	8	1,635

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Consolidated schedule of field employees—Continued

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service—Continued.						
Salaries and wages—Continued.						
Salary range, $1,500 to $1,860; average, $1,680—Con.	*Average—* *No.*	*Salary*	*Average—* *No.*	*Salary*	*Average—* *No.*	*Salary*
Barrel driller	2	$1,628	2	$1,628	2	$1,628
Barrel straightener	1	1,628	1	1,628	1	1,628
Craneman	1	1,627	1	1,627	1	1,627
Operator machine, automatic screw	1	1,627	1	1,627	1	1,627
Saw filer	2	1,627	2	1,627	2	1,627
Steam-fitter plumber	1	1,627	1	1,627	1	1,627
Photographer	2	1,624	2	1,624	2	1,624
Assistant foreman	1	1,620	1	1,620	1	1,620
Clerk typist	1	1,620	1	1,620	1	1,620
Computer	1	1,620	1	1,620	1	1,620
Engineman, crane	1	1,620	1	1,620	1	1,620
Foreman, fire fighter	2	1,620	2	1,620	2	1,620
Yardmaster	1	1,620	1	1,620	1	1,620
Welder, acetylene	3	1,618	3	1,618	3	1,618
Machinist, general	4	1,617	4	1,617	4	1,617
Operator, explosives	122	1,617	111	1,617	111	1,617
Millwright	23	1,616	12	1,616	12	1,616
Laboratory assistant	5	1,614	5	1,614	5	1,614
Clerk, special	9	1,613	9	1,613	9	1,613
Production assistant	6	1,613	6	1,613	6	1,613
Operator, air compressor	2	1,612	2	1,612	2	1,612
Fireman, stationary	21	1,610	21	1,610	21	1,610
Operator, filter	3	1,608	3	1,608	3	1,608
Operator, refrigerating machine	1	1,608	1	1,608	1	1,608
Assistant foreman of labor	2	1,605	2	1,605	2	1,605
Foreman, labor	10	1,605	5	1,605	5	1,605
Helper, pipe fitter	3	1,602	3	1,602	3	1,602
Laborer, unskilled	2	1,602	2	1,602	2	1,602
Lineman	1	1,602	1	1,602	1	1,602
Operator, machine grinder	2	1,602	2	1,602	2	1,602
Repairman, typewriter	3	1,602	3	1,602	3	1,602
Sheet-metal worker	1	1,602	1	1,602	1	1,602
Toolmaker	1	1,602	1	1,602	1	1,602
Attendant, dry house	4	1,600	4	1,600	4	1,600
Foreman	1	1,600	1	1,600	1	1,600
Repairman, armament	1	1,600	1	1,600	1	1,600
Polisher	10	1,597	10	1,597	10	1,597
Armorer	2	1,596	2	1,596	2	1,596
Carpenter	19	1,593	19	1,593	19	1,593
Adjuster, machine	22	1,591	22	1,591	22	1,591
Furnaceman	12	1,591	12	1,591	12	1,591
Packer	4	1,589	4	1,589	4	1,589
Operator, machine	80	1,583	26	1,583	15	1,583
Leather worker, bench	1	1,577	1	1,577	1	1,577
Material keeper	2	1,577	2	1,577	2	1,577
Operator, machine, general	3	1,577	3	1,577	3	1,577
Printer	1	1,577	1	1,577	1	1,577
Roofer	1	1,577	1	1,577	1	1,577
Tinsmith	1	1,577	1	1,577	1	1,577
Blacksmith	3	1,576	3	1,576	3	1,576
Printer	13	1,576	13	1,576	13	1,576
Electrician	6	1,573	6	1,573	6	1,573
Machine operator	80	1,572	51	1,572		
Gang boss	3	1,570	3	1,570	3	1,570
Assistant storekeeper	13	1,569	13	1,569	13	1,569
Mechanic, tractor	2	1,565	2	1,565	2	1,565
Policeman	27	1,565	27	1,565	27	1,565
Subinspector	34	1,565	24	1,565	24	1,565
Repairman, tractor	6	1,562	6	1,562	6	1,562
Gang boss, laborer	1	1,560	1	1,560	1	1,560
Assembler	9	1,552	9	1,552	9	1,552
Clerk	46	1,552	46	1,552	46	1,552
Gunner	4	1,552	4	1,552	4	1,552
Helper, storekeeper	2	1,552	2	1,552	2	1,552
Operator, machine, hydraulic press	1	1,552	1	1,552	1	1,552
Operator, machine, turret lathe	20	1,552	10	1,552	10	1,552
Rigger	2	1,552	2	1,552	2	1,552
Temperer	2	1,552	2	1,552	2	1,552
Stenographer	4	1,545	4	1,545	4	1,545
Checker	17	1,543	17	1,543	17	1,543
Foreman, track	2	1,536	2	1,536	2	1,536
Proof assistant	4	1,536	4	1,536	4	1,536
Shipper	2	1,530	2	1,530	2	1,530
Chauffeur	12	1,529	12	1,529	12	1,529
Gardner	2	1,512	2	1,512	2	1,512
Barrel reamer	1	1,502	1	1,502	1	1,502
Barrel rifler	4	1,502	4	1,502	4	1,502
Box maker	1	1,502	1	1,502	1	1,502
Engineer, crane	1	1,502	1	1,502	1	1,502
Helper, carpenter	1	1,502	1	1,502	1	1,502
Helper, machine	50	1,502	1	1,502	1	1,502
Helper, millwright	6	1,502	6	1,502	6	1,502
Melter	1	1,502	1	1,502	1	1,502
Repairman, maintenance	1	1,502	1	1,502	1	1,502
Stock finisher	10	1,502	10	1,502	10	1,502
Welder	1	1,502	1	1,502	1	1,502
Assistant foreman, mechanical trades	1	1,500	1	1,500	1	1,500
Clerk-stenographer	6	1,500	6	1,500	6	1,500
Draftsman	3	1,500	3	1,500	3	1,500

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Consolidated schedule of field employees—Continued

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service—Continued.						
Salaries and wages—Continued.	*Average—*		*Average—*		*Average—*	
Salary range, $1,500 to $1,860; average, $1,680—Con.	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Engineman, gas	1	$1,500	1	$1,500	1	$1,500
Fire fighter	9	1,500	9	1,500	9	1,500
Operator, photostat	1	1,500	1	1,500	1	1,500
Painter, spray	3	1,500	3	1,500	3	1,500
Surveillance inspector	3	1,500	3	1,500	3	1,500
Tool keeper	1	1,500	1	1,500	1	1,500
Salary range, $1,320 to $1,680; average, $1,500—						
Helper, machinist	22	1,480	12	1,480	12	1,480
Welder, acetylene	1	1,477	1	1,477	1	1,477
Operator, filter water	4	1,464	4	1,464	4	1,464
Helper, laboratory	2	1,458	2	1,458	2	1,458
Carpenter	1	1,452	1	1,452	1	1,452
Fireman, locomotive	2	1,452	2	1,452	2	1,452
Grinder	3	1,452	3	1,452	3	1,452
Helper, storekeeper	4	1,452	4	1,452	4	1,452
Operator, explosives	127	1,452	67	1,452	17	1,452
Operator, hand screw machine	59	1,452	49	1,452	49	1,452
Operator, photo	2	1,452	2	1,452	2	1,452
Polisher	1	1,452	1	1,452	1	1,452
Toolmaker, apprentice	1	1,452	1	1,452	1	1,452
Adjuster, machine	18	1,443	18	1,443	18	1,443
Fireman, stationary	8	1,443	8	1,443	8	1,443
Operator, machine, general	11	1,441	11	1,441	11	1,441
Foreman of laborers	1	1,440	1	1,440	1	1,440
Benchman	24	1,433	24	1,433	24	1,433
Craneman, electric	4	1,433	4	1,433	4	1,433
Repairman, tractor	6	1,429	6	1,429	6	1,429
Explosive handler	1	1,428	1	1,428	1	1,428
Operator, drawbridge	3	1,428	3	1,428	3	1,428
Barrel turner	1	1,427	1	1,427	1	1,427
Chauffeur	7	1,427	7	1,427	7	1,427
Chipper	4	1,427	4	1,427	4	1,427
Helper, carpenter	8	1,427	8	1,427	8	1,427
Operator, machine, hydraulic press	1	1,427	1	1,427	1	1,427
Operator, machine, punch press	1	1,427	1	1,427	1	1,427
Operator, machine, shaver	2	1,427	2	1,427	2	1,427
Plater	1	1,427	1	1,427	1	1,427
Rigger	7	1,427	7	1,427	7	1,427
Operator, machine, profiler	25	1,408	16	1,408	16	1,408
Proof assistant	3	1,404	3	1,404	3	1,404
Assistant printer	1	1,402	1	1,402	1	1,402
Brakeman	1	1,402	1	1,402	1	1,402
Instrument maker	6	1,402	1	1,402	1	1,402
Machinist	7	1,402	1	1,402	1	1,402
Painter	2	1,402	2	1,402	2	1,402
Repairman, maintenance	2	1,402	2	1,402	2	1,402
Bluer	1	1,400	1	1,400	1	1,400
Librarian	1	1,400	1	1,400	1	1,400
Production assistant	3	1,400	3	1,400	3	1,400
Helper, electrician	4	1,398	4	1,398	4	1,398
Subinspector	33	1,398	23	1,398	23	1,398
Tool keeper	11	1,397	11	1,397	11	1,397
Gang boss	15	1,394	5	1,394	5	1,394
Assembler	35	1,392	15	1,392	15	1,392
Operator, machine driller	46	1,389	26	1,389	26	1,389
Janitor	4	1,388	4	1,388	4	1,388
Adjuster, belt	7	1,387	7	1,387	7	1,387
Leather worker	3	1,385	3	1,385	3	1,385
Hostler, stable	3	1,383	3	1,383	3	1,383
Checker	30	1,381	30	1,381	20	1,381
Assistant storekeeper	5	1,380	5	1,380	5	1,380
Clerk-typist	4	1,380	4	1,380	4	1,380
Draftsman-copyist	1	1,380	1	1,380	1	1,380
Fire fighter-chauffeur	1	1,380	1	1,380	1	1,380
Fireman, crane	1	1,380	1	1,380	1	1,380
Foreman, janitor	1	1,380	1	1,380	1	1,380
Foreman, police	1	1,380	1	1,380	1	1,380
Laboratory assistant	4	1,380	4	1,380	4	1,380
Messenger	1	1,380	1	1,380	1	1,380
Shipper	1	1,380	1	1,380	1	1,380
Shop checker	18	1,380	18	1,380	18	1,380
Stenographer, junior	1	1,380	1	1,380	1	1,380
Clerk	56	1,379	56	1,379	56	1,379
Gardener	2	1,379	2	1,379	2	1,379
Munitions handler	75	1,379	5	1,379	5	1,379
Gunner	11	1,378	11	1,378	11	1,378
Operator, machine-wood	18	1,378	18	1,378	18	1,378
Annealer	3	1,377	3	1,377	3	1,377
Barrel straightener	1	1,377	1	1,377	1	1,377
Helper, printer	2	1,377	2	1,377	2	1,377
Operator, machine-miller	25	1,377	25	1,377	25	1,377
Welder	1	1,377	1	1,377	1	1,377
Material keeper	8	1,374	8	1,374	8	1,374
Operator, machine-drill	32	1,373	22	1,373	----------	----------
Helper, fireman	8	1,370	8	1,370	8	1,370
Helper, blacksmith	2	1,364	2	1,364	2	1,364
Stenographer-typist	3	1,360	3	1,360	3	1,360
Typist	3	1,360	3	1,360	3	1,360
Policeman	29	1,353	29	1,353	29	1,353
Helper, auto repair man	3	1,352	3	1,352	3	1,352

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Consolidated schedule of field employees—Continued

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service—Continued.						
Salaries and wages—Continued.	*Average—*		*Average—*		*Average—*	
Salary, range, $1,320 to $1,680; average, $1,500—Con.	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Helper, painter	1	$1,352	1	$1,352	1	$1,352
Helper, pipe fitter	3	1,352	3	1,352	3	1,352
Helper, rigger	3	1,352	3	1,352	3	1,352
Laborer	181	1,352	80	1,352	80	1,352
Operator, machine	21	1,352	1	1,352	1	1,352
Packer	3	1,352	3	1,352	3	1,352
Clerk-stenographer	4	1,350	4	1,350	4	1,350
Stenographer	6	1,340	6	1,340	6	1,340
Operator, machine	51	1,330	36	1,330	36	1,330
Browner	1	1,327	1	1,327	1	1,327
Assistant furnace man	13	1,327	13	1,327	13	1,327
Operator, machine-engraving	1	1,327	1	1,327	1	1,327
Armorer	1	1,320	1	1,320	1	1,320
Assistant foreman labor	1	1,320	1	1,320	1	1,320
Draftsman, mechanical	1	1,320	1	1,320	1	1,320
Electrician	1	1,320	1	1,320	1	1,320
Operator, star-gauge	1	1,320	1	1,320	1	1,320
Repair man, auto	1	1,320	1	1,320	1	1,320
Storekeeper	1	1,320	1	1,320	1	1,320
Salary range, $1,140 to $1,500; average, $1,320—						
Repairman, tractor	1	1,302	1	1,302	1	1,302
Rigger	2	1,302	2	1,302	2	1,302
Messenger	1	1,300	1	1,300	1	1,300
Operator, drawbridge	3	1,296	3	1,296	3	1,296
Helper, carpenter	10	1,282	10	1,282	10	1,282
Craneman, electric	1	1,277	1	1,277	1	1,277
Operator, wood machine	1	1,277	1	1,277	1	1,277
Packer	6	1,272	6	1,272	6	1,272
Helper, laborer	3	1,268	3	1,268	3	1,268
Helper, storekeeper	8	1,265	8	1,265	8	1,265
Helper, auto repairman	5	1,262	5	1,262	5	1,262
Armorer	2	1,260	2	1,260	2	1,260
Foreman, labor	2	1,260	2	1,260	2	1,260
Policeman	6	1,260	6	1,260	6	1,260
Assembler	20	1,257	10	1,257	10	1,257
Oiler	11	1,254	11	1,254	11	1,254
Chief checker	1	1,252	1	1,252	1	1,252
Fireman, crane	1	1,252	1	1,252	1	1,252
Foreman, track	1	1,252	1	1,252	1	1,252
Helper, blacksmith	4	1,252	4	1,252	4	1,252
Helper, pipe fitter	1	1,252	1	1,252	1	1,252
Helper, steam fitter	1	1,252	1	1,252	1	1,252
Mechanic tractor	1	1,252	1	1,252	1	1,252
Plater	2	1,252	2	1,252	2	1,252
Plumber	1	1,252	1	1,252	1	1,252
Repairman, maintenance	1	1,252	1	1,252	1	1,252
Temperer	2	1,252	2	1,252	2	1,252
Targeter	1	1,252	1	1,252	1	1,252
Brakeman	1	1,250	1	1,250	1	1,250
Proof assistant	4	1,249	4	1,249	4	1,249
Assistant foreman, labor	1	1,248	1	1,248	1	1,248
Checker	22	1,248	22	1,248	22	1,248
Material keeper	12	1,243	12	1,243	12	1,243
Shop checker	18	1,243	18	1,243	18	1,243
Tool keeper	4	1,234	4	1,234	4	1,234
Hostler	2	1,230	2	1,230	2	1,230
Operator, machine	79	1,228	54	1,228	54	1,228
Operator, sewing machine	2	1,227	2	1,227	2	1,227
Moveman	2	1,227	2	1,227	2	1,227
Operator, driller machine	4	1,227	4	1,227	4	1,227
Barrel cleaner	1	1,226	1	1,226	1	1,226
Helper, plumber	2	1,226	2	1,226	2	1,226
Helper, machinist	48	1,225	38	1,225	38	1,225
Subinspector	8	1,221	8	1,221	8	1,221
Janitor	11	1,220	11	1,220	11	1,220
Chauffeur	3	1,216	3	1,216	3	1,216
Benchman	7	1,216	7	1,216	7	1,216
Helper, mason	2	1,214	2	1,214	2	1,214
Watchman	18	1,214	18	1,214	18	1,214
Gunner, civilian	2	1,212	2	1,212	2	1,212
Operator, duplicating machine	3	1,212	3	1,212	3	1,212
Toolmaker, apprentice	3	1,209	3	1,209	3	1,209
Helper, machinist	5	1,207	5	1,207	5	1,207
Clerk, minor	15	1,200	15	1,200	15	1,200
Clerk, stenographer-typist	1	1,200	1	1,200	1	1,200
Clerk-typist	13	1,200	13	1,200	13	1,200
Gang boss	1	1,200	1	1,200	1	1,200
Shipper	4	1,200	4	1,200	4	1,200
Stenographer	1	1,200	1	1,200	1	1,200
Tracer	1	1,200	1	1,200	1	1,200
Munitions handler	10	1,199	10	1,199	10	1,199
Helper, electrician	7	1,198	7	1,198	7	1,198
Typist	6	1,192	6	1,192	6	1,192
Clerk	81	1,191	81	1,191	81	1,191
Operator, photostat	2	1,189	2	1,189	2	1,189
Laborer	100	1,187	100	1,187	100	1,187
Explosives handler	46	1,184	36	1,184	36	1,184
Fireman, stationary	6	1,183	6	1,183	6	1,183
Operator, blue print	2	1,177	2	1,177	2	1,177

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Consolidated schedule of field employees—Continued

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average—		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Field service—Continued.						
Salaries and wages—Continued.						
Salary range, $1,140 to $1,500; average, $1,320—Con.						
Helper, painter	1	$1,176	1	$1,176	1	$1,176
Helper, tinsmith	2	1,176	2	1,176	2	1,176
Operator, engraving machine	3	1,176	3	1,176	3	1,176
Painter, spray	1	1,176	1	1,176	1	1,176
Operator, calculating machine	2	1,170	2	1,170	2	1,170
Fireman	3	1,152	3	1,152	3	1,152
Helper, molder	2	1,152	2	1,152	2	1,152
Stenographer, typist	1	1,140	1	1,140	1	1,140
Operator, telephone	3	1,140	3	1,140	3	1,140
Salary range, $1,020 to $1,260; average, $1,140—						
Helper, machinist	21	1,126	11	1,126	11	1,126
Helper, storekeeper	2	1,126	2	1,126	2	1,126
Shop checker	9	1,126	9	1,126	9	1,126
Helper, painter	5	1,111	5	1,111	5	1,111
Operator, machine	247	1,110	237	1,110	237	1,110
Proof assistant	5	1,104	5	1,104	5	1,104
Benchman	1	1,102	1	1,102	1	1,102
Helper, millwright	2	1,102	2	1,102	2	1,102
Operator, elevator	2	1,102	2	1,102	2	1,102
Helper, plumber	2	1,101	2	1,101	2	1,101
Janitor	31	1,082	31	1,082	31	1,082
Assembler	6	1,080	6	1,080	6	1,080
Checker	2	1,080	2	1,080	2	1,080
Typist	1	1,080	1	1,080	1	1,080
Watchman	2	1,080	2	1,080	2	1,080
Clerk	10	1,074	10	1,074	10	1,074
Helper, carpenter	3	1,074	3	1,074	3	1,074
Packer	2	1,073	2	1,073	2	1,073
Helper, armorer	6	1,071	6	1,071	6	1,071
Subinspector	41	1,068	31	1,068	31	1,068
Material keeper	5	1,066	5	1,066	5	1,066
Moveman	1	1,052	1	1,052	1	1,052
Laborer	151	1,051	141	1,051	141	1,051
Clerk, minor	4	1,050	4	1,050	4	1,050
Gardener	2	1,040	2	1,040	2	1,040
Draftsman, apprentice	3	1,020	3	1,020	3	1,020
Teamster	4	1,020	4	1,020	4	1,020
Salary range, $900 to $1,140; average, $1,020—						
Operator, elevator	2	1,002	2	1,002	2	1,002
Operator, sewing machine	7	1,001	7	1,001	7	1,001
Operator, tractor	2	1,000	2	1,000	2	1,000
Laborer	161	985	141	985	41	985
Charwoman	3	976	3	976	3	976
Assistant storekeeper	1	960	1	960	1	960
Hostler, stable	2	960	2	960	2	960
Operator, blue print machine	2	960	2	960	2	960
Packer	1	960	1	960	1	960
Watchman	2	960	2	960	2	960
Subinspector	9	952	9	952	9	952
Chauffeur	4	950	4	950	4	950
Operator, explosives	43	936	43	936	43	936
Operator, machine	211	926	201	926	101	926
Draftsman, apprentice	3	920	3	920	3	920
Clerk, minor	3	900	3	900	3	900
Fireman	1	900	1	900	1	900
Helper, armorer	2	900	2	900	2	900
Helper, carpenter	1	900	1	900	1	900
Helper, packer	4	900	4	900	4	900
Janitor	1	900	1	900	1	900
Teamster	2	900	2	900	2	900
Tracer	1	900	1	900	1	900
Salary range, $780 to $1,020; average, $900—						
Carpenter, apprentice	1	876	1	876	1	876
Helper, carpenter	1	851	1	851	1	851
Teamster	2	840	2	840	2	840
Fireman	1	826	1	826	1	826
Janitor	1	816	1	816	1	816
Laborer	18	812	18	812	18	812
Laborer boy	2	802	2	802	2	802
Clerk, minor	5	781	5	781	5	781
Salary range, $600 to $780; average, $690—						
Laborer	107	759	107	759	27	759
Laborer, boy	7	751	7	751	7	751
Janitor	2	720	2	720	2	720
Helper, machine	2	704	2	704	2	704
Toolmaker, apprentice	3	701	3	701	3	701
Carpenter, apprentice	1	676	1	676	1	676
Messenger girl	1	640	1	640	1	640
Helper, storekeeper	2	626	2	626	2	626
Messenger boy	2	615	2	615	2	615
Messenger	2	600	2	600	2	600
Clerk, minor	2	600	2	600	2	600
Salary range, $420 to $600; average, $510—						
Janitress	1	585	1	585	1	585
Machinist, apprentice	3	575	3	575	3	575
Toolmaker, apprentice	1	575	1	575	1	575
Laborer	3	538	3	538	3	538
Messenger girl	2	495	2	495	2	495
Clerk, minor	1	480	1	480	1	480

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Consolidated schedule of field employees—Continued

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Field service—Continued.			
Salaries and wages—Continued.			
Salary range, $240 to $420; average, $330—	*Average*— *No.* *Salary*	*Average*— *No.* *Salary*	*Average*— *No.* *Salary*
Janitor	1 $360	1 $360	1 $360
Laborer, boy	1 350	1 350	1 350
Total average number of employees	5,735	4,876	4,452
01 Total salaries and wages, field service	8,733,236	7,466,681	7,000,660
The difference between 1929 and 1928 is due to increase in personnel, $1,366,555.			
Deduct expenditures for personal services included in ordnance appropriations	6,388,724	5,345,724	4,985,524
Net salaries and wages, field service	2,344,512	2,120,957	2,015,136

Total under Ordnance Department	$12,876,782.00	$9,998,541.00

Chemical Warfare Service

SUPPORT OF THE REGULAR ARMY

Chemical Warfare Service, Army—

For purchase, manufacture, and test of chemical warfare gases or other toxic substances, gas masks, or other offensive or defensive materials or appliances required for gas-warfare purposes, including all necessary investigations, research, design, experimentation, and operations connected therewith; purchase of chemicals, special scientific and technical apparatus and instruments; construction, maintenance, and repair of plants, buildings, and equipment, and the machinery therefor; receiving, storing, and issuing of supplies, comprising police and office duties, rents, tolls, fuels, gasoline, lubricants, paints and oils, rope and cordage, light, water, advertising, stationery, typewriting and adding machines, including their exchange, office furniture, tools, and instruments; for incidental expenses; for civilian employees; for libraries of the Chemical Warfare Service and subscriptions to periodicals, which may be paid for in advance; for expenses incidental to the organization, training, and equipment of special gas troops not otherwise provided for, including the training of the Army in chemical warfare, both offensive and defensive, together with the necessary schools, tactical demonstrations, and maneuvers; for current expenses of chemical projectile filling plants and proving grounds, including construction and maintenance of rail transportation, repairs, alterations, accessories, building and repairing butts and targets, clearing and grading ranges (*U. S. C., p. 177, sec. 222; act Feb. 23, 1927, vol. 44, p. 1127*)

	1,249,780.00	1,304,780.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Departmental service:			
Salaries—			
Professional and scientific service—	*Average*— *No.* *Salary*	*Average*— *No.* *Salary*	*Average*— *No.* *Salary*
Grade 4, $3,800 to $5,000; average, $4,400—			
Scientist, chemist		1 $4,200	1 $4,200
Scientist, engineer		1 4,200	1 4,200
Clerical, administrative, and fiscal service—			
Grade 9, $3,000 to $3,600; average, $3,300—			
Senior administrative assistant		1 3,300	1 3,300
Grade 5, $1,860 to $2,400; average, $2,100—			
Senior clerk		1 1,920	1 1,920
Grade 4, $1,680 to $2,040; average, $1,860—			
Clerk stenographer		3.2 1,717	3 1,740
Total average number of employees		7.2	7
Total salaries, departmental service		19,160.00	19,033.66
The difference between 1929 and 1928 is due to decrease in force by transfer of allotment roll employees to item "Salaries, office Chief of Chemical Warfare Service," $19,160.			

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Chemical Warfare Service, Army—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average—		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Field service:						
Salaries and wages—						
Salary range, $7,500 and over—						
Chief chemist	1	$7,500	1	$7,500	1	$7,500
Salary range, $5,200 to $6,000; average, $5,600—						
Chemist	5	5,280	6	5,266	6	5,266
Engineer, calorimetric and ballistic	1	5,200	1	5,200	1	5,200
Salary range, $3,800 to $5,000; average, $4,400—						
Supervisor chemical plant					1	3,900
Chemist	5	3,880	5	3,880	5	4,000
Chemical engineer	2	3,900	2	3,900	2	3,900
Pathologist	0.5	3,800	0.5	3,800	0.5	3,800
Salary range, $3,300 to $3,900; average, $3,600—						
Chemist associate	1	3,500	1	3,500	1	3,500
Engineer, structural	1	3,500	1	3,500	1	3,500
Chemist	1	3,500	1	3,500	2	3,450
Chemical engineer associate	1	3,400	1	3,400	1	3,400
Salary range, $3,000 to $3,600; average, $3,300—						
Chemist	1	3,300	1	3,300	1	3,300
Engineer, mechanical, associate	1	3,200	1	3,200	1	3,200
Electrician, engineer, associate					1	3,100
Chemist, associate	2	3,000	3	3,033	4	3,100
Physicist, associate	1	3,000	2	3,050	2	3,050
Engineman, chief	1	3,000	1	3,000	1	3,000
Engineer, electric	1	3,000	1	3,000	1	3,000
Toxicologist, chemical, associate	1	3,000	1	3,000	1	3,000
Toxicologist, assistant	1	3,000	1	3,000	1	3,000
Salary range, $2,400 to $3,000; average, $2,700—						
Purchasing agent	1	3,000	1	3,000	1	3,000
Accountant, cost, junior	1	3,000	1	3,000		
Engineer aid, chief	1	2,800	1	2,800	1	2,800
Munitions inspector	1	2,800	1	2,800	1	2,800
Supervisor of maintenance	1	2,800	1	2,800	1	2,700
Engineer, mechanical, assistant	1	2,700	1	2,700	1	2,700
Photographer	1	2,700	1	2,700	1	2,700
Chemist	1	2,700	1	2,700	1	2,700
Chemical technologist, associate			1	2,800	1	2,800
Technologist, associate					1	2,700
Chemist, associate	5	2,660	5	2,660	12	2,692
Clerk	2	2,600	2	2,600	2	2,600
Plasterer	1	2,600	1	2,600	1	2,600
Chemist, assistant	6	2,533	6	2,533	6	2,533
Lead burner	1	2,500	1	2,500	1	2,500
Foreman, electrician	2	2,500	2	2,500	2	2,500
Laboratory mechanic, principal	1	2,500	1	2,500	1	2,500
Engineering aid, principal	1	2,500	1	2,500	1	2,500
Draftsman, mechanical	1	2,500	1	2,500	1	2,500
General foreman, mask production	1	2,500	1	2,500	1	2,500
Superintendent, munitions			1	2,500	1	2,500
Toxicologist, assistant	2	2,450	2	2,450	5	2,480
Superientendent, gas patrol, assistant	1	2,440	1	2,440	1	2,440
Foreman, pipe fitter	1	2,400	1	2,400	1	2,400
Chemical aid, principal	1	2,400	1	2,400	1	2,400
Chemical technologist, assistant	1	2,400	1	2,400	2	2,400
Foreman, machinist	2	2,450	2	2,450	2	2,450
Salary range, $2,100 to $2,700; average, $2,400—						
Draftsman	1	2,300	1	2,300	1	2,300
Engineman, watch	4	2,300	4	2,300	4	2,300
Instrument maker	1	2,300	1	2,300	1	2,300
Electrician, armature winder	1	2,300	1	2,300	1	2,300
Sheet-metal worker	3	2,300	3	2,300	3	2,300
Sewing-machine adjuster	1	2,300	1	2,300	1	2,300
Foreman, molder			1	2,300	1	2,300
Diemaker	4	2,275	4	2,275	4	2,275
Electrician, lineman	1	2,200	1	2,200	1	2,200
Foreman, carpenter	1	2,200	1	2,200	1	2,200
Superintendent, rigger	1	2,200	1	2,200	1	2,200
Chemist, junior	2	2,200	2	2,200	2	2,200
Clerk	1	2,200	1	2,200	1	2,200
Draftsman, mechanical	1	2,200	1	2,200	1	2,200
Superintendent of munitions	1	2,200				
Chemist, associate					1	2,200
Draftsman, chemical plant			1	2,200	1	2,200
Tool maker	7	2,200	7	2,200	10	2,189
Chemist, assistant	2	2,100	2	2,100	5	2,140
Engineman, locomotive	2	2,100	2	2,100	2	2,100
Foreman, painter	1	2,100	1	2,100	1	2,100
Inspector, material	1	2,100	1	2,100	1	2,100
Librarian	1	2,100	1	2,100	1	2,100
Engineer, mechanical, junior	1	2,100	1	2,100	1	2,100
Salary range, $1,860 to $2,400; average, $2,100—						
Inspector chemical warfare supplies aud materials	1	2,200	1	2,200	1	2,200
Clerk-stenographer			1	2,080	1	2,080
Blacksmith	1	2,050	1	2,050	1	2,050
Laboratory, mechanic	1	2,040	1	2,040	1	2,040
Patternmaker, wood	1	2,040	1	2,040	1	2,040
Multigraph operator	1	2,040	1	2,040	1	2,040
Checker, time	3	2,030	3	2,030	3	2,030
Patent expert	1	2,000	1	2,000	1	2,000
Draftsman, mechanical	1	2,000	1	2,000	1.4	1,960
Chemical aid, senior					1	1,980
Clerk	7	1,965	7	1,965	9	1,961
Inspector, material	2	1,950	2	1,960	2	1,960
Machinist	16	1,954	16.5	1,961	15	1,951
Electrician, wireman	3	1,926	3	1,926	3	1,926

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Chemical Warfare Service, Army—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average—		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Field service—Continued.						
Salaries and wages—Continued.						
Salary range, $1,860 to $2,400; average, $2,100—Con.						
Engineman, stationary	1	$1,920	1	$1,920	1	$1,920
Chief, fire department	1	1,920	1	1,920	1	1,920
Engineer, aid, senior	1	1,920	1	1,920	1	1,920
Laboratory mechanic, senior	1	1,920	1	1,920	1	1,920
Foreman, toxic gas handlers	1	1,920	1	1,920	1	1,920
Captain, launch	1	1,920	1	1,920	1	1,920
Foreman, gas mask assembly	3	1,920	3	1,920	3	1,920
Carpenter	6	1,910	6	1,910	6	1,910
Pipefitter	6	1,910	6	1,910	6	1,910
Foreman, munitions handler	3	1,900	3	1,900	4	1,890
Chemical plant operator	3	1,875	3	1,875	3	1,875
Chemist, junior	2	1,860	2	1,860	5	1,860
Laboratory, mechanical, assistant	1	1,860	1	1,860	1	1,860
Plumber	1	1,860	1	1,860	1	1,860
Salary range, $1,680 to $2,040; average, $1,860—						
Checker, time	1	1,920	1	1,920	1	1,860
Clerk, stores, main	1	1,860	1	1,860	1	1,860
Storekeeper	1	1,860	1	1,860	1	1,860
Stenographer-typist	1	1,860	1	1,860	1	1,860
Conductor, railroad	1	1,800	1	1,800	1	1,800
Electrician, battery	1	1,800	1	1,800	1	1,800
Rigger	1	1,800	1	1,800	1	1,800
Blacksmith	1	1,800	1	1,800	1	1,800
Stenographer	1	1,800	1	1,800	1	1,800
Machinist	3	1,800	3	1,800	3	1,800
Painter, general	3	1,800	2	1,800	3	1,800
Captain, fire department	1	1,800	1	1,800	1	1,800
Clerk	10	1,781	10	1,781	11	1,772
Refrigeration plant operator	3	1,780	3	1,780	3	1,780
Captain of guards	1	1,740	1	1,740	1	1,740
Inspector material, assistant	1	1,740	1	1,740	1	1,740
Engineer aid, assistant	1	1,740	1	1,740	1	1,740
Mechanical aid	1	1,740	1	1,740	1	1,740
Laboratory mechanic					1	1,740
Clerk-stenographer					1	1,740
Automobile mechanic	2	1,700	2	1,700	1	1,700
Brakeman, railroad	1	1,700	1	1,700	1	1,700
Foreman, labor, general	1	1,680	1	1,680	1	1,680
Chemical aid	1	1,680	1	1,680	2	1,680
Fire fighter, driver	5	1,680	5	1,680	5	1,680
Water tender	4	1,680	4	1,680	4	1,680
Laboratory mechanic, assistant	1	1,680	1	1,680	3	1,680
Process inspector	1	1,680	1	1,680	1	1,680
Salary range, $1,500 to $1,860; average, $1,680—						
Subinspector	1	1,680	1	1,680	1	1,680
Automobile mechanic	1	1,620	1	1,620	1	1,620
Typist	2	1,650	2	1,650	2	1,650
Blacksmith, horseshoer	1	1,620	1	1,620	1	1,620
Fire fighter, hoseman	1	1,620	1	1,620	1	1,620
Lieutenant of guard	3	1,620	2.5	1,620	2	1,620
Toxic gas handler	4	1,620	4	1,620	4	1,620
Clerk	15	1,599	15.5	1,595	15.5	1,560
Boiler cleaner	2	1,590	2	1,590	2	1,590
Munitions operator	2	1,590	2	1,590	3	1,580
Storekeeper	8	1,583	8	1,583	8	1,583
Clerk-stenographer	11	1,576	11	1,576	11	1,576
Process inspector, gas mask	2	1,570	2	1,570	2	1,570
Accounting machine operator	2	1,560	2	1,560	2	1,560
Material checker	1	1,560	1	1,560	1	1,560
Chemical aid, main	1	1,560	1	1,560	1	1,560
Laboratory, assistant	1	1,560	1	1,560	1	1,560
Chemical aid, assistant			1	1,560	1	1,560
Clerk, property	1	1,560	1	1,500	1	1,500
Engineering aid, junior	1	1,500	1	1,500	1	1,500
Foreman, labor, assistant	1	1,500	1	1,500	1	1,500
Blacksmith, helper	1	1,500	1	1,500	1	1,500
Electrician, helper	3	1,500	3	1,500	3	1,500
Machinist, helper	12.1	1,500	12.1	1,500	13.1	1,500
Electric car operator	5	1,500	5	1,500	5	1,500
Carpenter, helper	5	1,500	5	1,500	5	1,500
Fireman, locomotive	1	1,500	1	1,500	1	1,500
Pipefitter, helper	5	1,500	5	1,500	5	1,500
Painter, spray	3	1,500	3	1,500	3	1,500
Chemical helper, under	1	1,500	1	1,500	1	1,500
Pump operator	1	1,500	1	1,500	1	1,500
Laboratory mechanic, assistant	2	1,500	3	1,500	3	1,500
Draftsman, junior	1	1,500	2	1,500	2	1,500
Machine operator, gas mask	3	1,500	3	1,500	3	1,500
Packer	2	1,500	2	1,500	2	1,500
Filter plant operator	1	1,500	1	1,500	1	1,500
Salary range, $1,320 to $1,680; average, $1,500—						
Stenographer	1	1,500	1	1,440	1	1,440
Foreman, laborer, assistant	2	1,440	2	1,440	2	1,440
Messenger	1	1,440	1	1,440	1	1,440
Fireman, stationary	13	1,440	12	1,440	12.5	1,440
Tool keeper			1	1,440	2	1,440
Clerk	14	1,411	15	1,414	19	1,384
Multigraph operator	2	1,410	2	1,410	1	1,380
Fireman, locomotive	1	1,400	1	1,400	1	1,400
Chemical plant workman	4	1,400	4	1,400	4	1,400
Gardener	1	1,380	1	1,380	1	1,380

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Chemical Warfare Service, Army—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average—		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Field service—Continued.						
Salaries and wages—Continued.						
Salary range, $1,320 to $1,680; average, $1,500—Con.						
Animal keeper	1	$1,380	1	$1,380	1	$1,380
Laboratory mechanic, under	1	1,380	1	1,380	2	1,380
Guard	3.5	1,354	6	1,350	6.5	1,368
Chemical aid, junior	1	1,320	1	1,320	1	1,320
Truck driver	1	1,320	3	1,320	3	1,320
Chemical helper, under			0.7	1,320	1	1,320
Typist, junior			1	1,320	0.9	1,320
Machine operator, gas masks	5	1,320	5	1,320	5	1,320
Salary range, $1,140 to $1,500; average, $1,320—						
Multigraph operator	3	1,300	4	1,305	5.2	1,343
Truck driver	1	1,320	1	1,320	1	1,320
Messenger					1	1,320
Machine operator, gas mask	7	1,270	7	1,270	7	1,270
Munitions handler	12	1,267	12.3	1,267	13	1,267
Gardener	1	1,260	1	1,260	1	1,260
Stableman	2	1,260	2	1,260	2	1,260
Clerk	6	1,250	5.1	1,242	6.1	1,291
Clerk-stenographer	1	1,200	1	1,200	1	1,200
Typist	1	1,200	1	1,200	1	1,200
Consultant	1	1,200	1	1,200	1	1,200
Supervisor, gas-mask inspection	3	1,200	3	1,200	3	1,200
Janitor	6	1,200	8	1,192	8.1	1,192
Teamster	1	1,200	1	1,140	1	1,140
Laborer	53.5	1,152	62	1,150	64	1,151
Chauffeur	3	1,140	3	1,140	3	1,140
Salary range, $1,020 to $1,260; average, $1,140—						
Laborer	7.1	1,140	7.1	1,140	6	1,140
Gas mask leading assembler	17	1,100	17	1,100	17	1,100
Salary range, $900 to $1,140; average, $1,020—						
Patent expert	1	1,000	1	1,000	1	1,000
Laboratory helper	2.1	950	2	950	2	950
Gas-mask assembler	9	923	9	923	9	923
Photostat operator	1	900				
Salary range, $780 to $1,020; average, $900—						
Blue-print operator	1	900	1	750	1	750
Messenger					2	840
Salary range, $600 to $780; average, $690—						
Messenger boy	2	630	4	637	2	622
Salary range, $240 to $420; average, $330—						
Laborer	1	360	1	360	2	315
Total average number of employees	521.8		550.3		599.8	
Total salaries and wages, field service		915,459.00		962,543.00		1,058,958.00
The difference between 1929 and 1928 is due to decrease in force, $47,084.						
Deduct expenditures for personal services included in objects named below		106,505.00		79,450.25		125,667.17
Net salaries and wages, field service		808,954.00		883,092.75		933,290.83
01 Total personal services		808,954.00		902,252.75		952,324.49
Supplies and materials:						
0200 Stationery and office supplies		14,025.00		13,925.00		12,308.36
0202 Sundry office supplies		1,700.00		1,700.00		1,415.00
0220 Scientific and educational supplies		30,200.00		20,200.00		12,401.00
0222 Educational supplies		520.00		385.00		200.00
0230 Fuel		38,500.00		38,500.00		14,195.00
0270 Powder, projectiles, explosives, etc		75,679.00		48,904.00		90,869.93
0280 Sundry supplies		1,316.00		1,181.00		1,525.00
0284 Miscellaneous supplies		1,100.00		1,100.00		800.00
0290 Materials (not specifically allocated for use as supplies, equipment, or structures at time of purchase)		6,547.00		6,547.00		547.00
0296 Paints and painters' materials						111.00
02 Total supplies and materials		169,587.00		132,442.00		134,372.29
06 Travel expenses		350.00		350.00		4,485.10
07 Transportation of things (service)		1,000.00		1,000.00		104.00
10 Furnishing of heat, light, power, electricity (service)		30,000.00		30,000.00		25,000.00
11 Rents		2,512.00		2,512.00		2,512.00
Repairs and alterations:						
1200 Buildings		41,144.00		18,445.00		6,496.04
1210 Excavations, embankments, and surfacings		15,000.00		3,000.00		2,884.00
1280 Machinery and equipment		20,500.00		20,500.00		21,826.00
12 Total repairs and alterations		76,644.00		41,945.00		31,206.04
13 Special and miscellaneous current expenses						10,054.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Chemical Warfare Service, Army—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Equipment:			
3010 Furniture, furnishings, and fixtures	$3,940.00	$3,952.00	$7,744.00
3020 Educational, scientific, and recreational equipment	31,835.00	21,003.00	4,150.60
3039 Sundry war equipment	335,000.00	450,000.00	302,506.02
3050 Other equipment	39,100.00	26,172.00	116.00
3053 Motor transportation	858.00	400.00	200.00
30 Total equipment	410,733.00	501,527.00	314,716.62
Unobligated balance			1,474,774.54
			12,535.65
Total	1,499,780.00	1,612,028.75	1,487,310.19
Deduct amounts received from the following sources:			
Contract obligations carried forward from preceding years	100,000.00	154,958.28	130,043.34
Navy Department	150,000.00	152,290.47	124,286.85
Total amount received	250,000.00	307,248.75	254,330.19
Net total	1,249,780.00	1,304,780.00	1,232,980.00

DEPARTMENTAL

Salaries, Office of Chief of Chemical Warfare Service—

Salaries: For personal services in the District of Columbia in accordance with the classification act of 1923 (*U. S. C., p. 177, sec. 221; act Feb. 23, 1927, vol. 44, p. 1128*) $40,432.00 $21,272.00

[The services of chemists and such other services as the Secretary of War may deem necessary may be employed only in the office of the Chief of the Chemical Warfare Service to carry into effect the appropriation for Chemical Warfare Service, to be paid from such appropriation: *Provided*, That the total expenditures for this purpose for the fiscal year 1928 shall not exceed $19,160, and the Secretary of War shall each year in the Budget report to Congress the number of persons so employed, their duties, and the amount paid to each] (*U. S. C., p. 178, sec. 223; act Feb. 23, 1927, vol. 44, p. 1128*).

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average*—		*Average*—		*Average*—	
Grade 4, $3,800 to $5,000; average, $4,400—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Scientist, chemist	1	$4,200				
Scientist, engineer	1	4,200				
Clerical, administrative, and fiscal service—						
Grade 9, $3,000 to $3,600; average, $3,300—						
Senior administrative assistant (law clerk)	1	3,300				
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant (chief clerk)	1	2,700	1	$2,700	1	$2,700
Grade 5, $1,860 to $2,400; average, $2,100—						
Senior clerk	1	1,920				
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk stenographer	5.9	1,770	2	1,890	1	1,980
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	8	1,560	8.7	1,570	8.1	1,568
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk					2	1,380
Custodial service—						
Grade 3, $1,020 to $1,260; average, $1,160—						
Messenger	1	1,140	1	1,140	1	1,140
Total average number of employees	19.9		12.7		13.1	
01 Total salaries, departmental service		40,432		21,272		21,272
Unobligated balance						148
Total		40,432		21,272		21,420
The difference between 1929 and 1928 is due to transfer of allotment roll employees to regular roll, $19,160.						

Total under Chemical Warfare Service 1,290,212.00 1,326,052.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
CHIEF OF INFANTRY		
SUPPORT OF THE REGULAR ARMY		
Infantry School, Fort Benning, Ga.—		
For the purchase of textbooks, books of reference, scientific and professional papers; instruments and material for instruction, employment of temporary, technical, special, and clerical services, and for the necessary expenses of instruction at the Infantry School, Fort Benning, Georgia (*act Feb. 23, 1927, vol. 44, p. 1128*)	$37,262.00	$33,858.00

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Field service:						
	Salaries and wages—	*Average—*		*Average—*		*Average—*	
	Salary range, $1,860 to $2,400; average, $2,100—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Translator					0.3	$680
	Salary range, $1,320 to $1,680; average, $1,500—						
	Junior clerk (stenographer-typist)	13	$1,470	12	$1,470	12	1,470
	Total average number of employees	13		12		12.3	
01	Total salaries and wages, field service		19,190		17,630		18,260
	The difference between 1929 and 1928 is due to—						
	Increase in salaries	$120					
	Increase in force	1,440					
	Total increase	1,560					
	Supplies and materials:						
0200	Stationery and office supplies		4,234		4,518		2,900
0220	Scientific and educational supplies		2,500		3,000		4,588
0280	Sundry supplies, etc		4,018		2,234		3,200
02	Total supplies		10,752		9,752		10,688
05	Telegraph service		10		10		10
12	Repairs and alterations		2,810		2,810		1,540
30	Educational, scientific, and recreational equipment		4,500		3,656		2,000
					33,858		32,498
	Unobligated balance						1,360
	Total		37,262		33,858		33,858

Tank Service—		
For payment of the necessary civilian employees to assist in handling the clerical work in the office of the tank center, tank schools, and the various tank organization headquarters, including the office of the Chief of Infantry; and for the payment of the necessary mechanics to assist in repairing and preserving tanks in the hands of tank units, [$24,018] (*act Feb. 23, 1927, vol. 44, p. 1128*)	$25,113.00	
Incidental expenses in connection with the operation of tank schools, [$1,000] (*same act*)	1,300.00	
	26,413.00	25,018.00

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Field service:						
	Salaries and wages—	*Average—*		*Average—*		*Average—*	
	Salary range, $1,860 to $2,400; average, $2,100—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Mechanic-foreman	1	$2,252	1	$2,192	1	$2,192
	Machinist	1	2,252	1	2,192	1	2,192
	Electrician	1	2,100	1	2,040	1	2,040
	Mechanic	6	2,090	6	2,030	6	2,030
	Salary range, $1,680 to $2,040; average, $1,860—						
	Main file and record clerk	1	1,800	1	1,800	1	1,800
	Main clerk	1	1,800	1	1,800	1	1,800
	Salary range, $1,320 to $1,680; average, $1,500—						
	Junior clerk	2	1,560	2	1,560	2	1,560
	Total average number of employees	13		13		13	
	Total salaries and wages, field service		25,773		24,678		24,675
	The difference between 1929 and 1928 is due to—						
	Increase in salaries	$540					
	To permit full-time operation	555					
	Total increase	1,095					
	Deduct allowances for subsistence, lodging, etc		660		660		660
01	Total personal services, cash payment		25,113		24,018		24,015
02	Scientific and educational supplies		650		350		430
12	Repairs and alterations		400		400		100
30	Educational, scientific, and recreational equipment		250		250		450
					25,018		24,995
	Unobligated balance						23
	Total		26,413		25,018		25,018

Total under Chief of Infantry	63,675.00	58,876.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
CHIEF OF CAVALRY		
SUPPORT OF THE REGULAR ARMY		
Cavalry School, Fort Riley, Kans.—		
For the purchase of textbooks, books of reference, scientific and professional papers, instruments, and materials for instruction; employment of temporary, technical, special, and clerical services; and for other necessary expenses of instruction at the Cavalry School, Fort Riley, Kansas (*U. S. C., p. 212, sec. 1171; act Feb. 23, 1927, vol. 44, p. 1128*)	$18,650.00	$17,172.00

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Field service:						
	Salaries and wages—	*Average—*		*Average—*		*Average—*	
		No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Salary range, $2,100 to $2,700; average, $2,400—						
	Instructor horseshoer	1	$2,700	1	$2,700	1	$2,700
	Salary range, $1,680 to $2,040; average, $1,860—						
	Carpenter	1	1,800	1	1,800	1	1,800
	Salary range, $1,320 to $1,680; average, $1,500—						
	Stenographer-clerk	6	1,440	5	1,440	5	1,440
	Total average number of employees	8		7		7	
01	Total salaries and wages, field service		13,140		11,700		11,700
	Supplies and materials:						
0200	Stationery and office supplies		1,234.33		1,518.76		1,500.75
0220	Scientific and educational supplies		1,718.67		1,015.54		771.00
0250	Animal (exclusive of forage)		122.00		242.90		250.21
0280	Sundry supplies		400.00		437.80		709.00
02	Total supplies and materials		3,475.00		3,215.00		3,230.96
05	Telephone service						60.00
12	Repairs and alterations		1,005.00		1,194.00		910.00
30	Equipment		1,030.00		1,063.00		1,271.04
	Total		18,650.00		17,172.00		17,172.00

CHIEF OF FIELD ARTILLERY	
SUPPORT OF THE REGULAR ARMY	
Field Artillery School, Fort Sill, Okla.—	
For the purchase of textbooks, books of reference, scientific and professional papers, instruments, and material for instruction; employment of temporary, technical, special, and clerical services; and for other necessary expenses of instruction at the Field Artillery School at Fort Sill, Oklahoma (*act Feb. 23, 1927, vol. 44, p. 1129*)	20,756.00	18,820.00

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Field service:						
	Salaries and wages—	*Average—*		*Average—*		*Average—*	
		No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Salary range, $1,320 to $1,680; average, $1,500—						
	Copyist draftsman (mechanical)	1	$1,560	1	$1,560	1	$1,560
	Clerk	1	1,560	1	1,560	1	1,497
	Typists	2	2,880	2	2,880	2	2,880
	Stenographer	1	1,320				
	Total average number of employees	5		4		4	
01	Total salaries and wages, field service		7,320.00		6,000.00		5,936.83
	Supplies and materials:						
0200	Stationery and office supplies		4,000.00		4,000.00		3,032.54
0220	Scientific and educational supplies		3,236.00		3,236.00		2,840.91
0280	Sundry supplies		500.00		500.00		365.11
0290	Materials		1,200.00		1,100.00		410.45
02	Total supplies and materials		8,936.00		8,836.00		6,649.01
08	Photographing and photographs and prints		800.00		800.00		307.54
10	Furnishing of heat, light, and power		300.00		300.00		300.00
12	Repairs and alterations		1,500.00		1,195.00		2,274.39
13	Special and miscellaneous current expenses				234.00		320.35
	Equipment:						
3010	Furniture, furnishings, and fixtures		125.00		125.00		109.25
3020	Educational, scientific, and recreational		1,775.00		1,330.00		1,040.62
30	Total equipment		1,900.00		1,455.00		1,149.87
	Total		20,756.00		18,820.00		16,938.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Instruction in Field Artillery Activities— To provide means for the theoretical and practical instruction in Field Artillery activities at the two brigade firing centers at Fort Sill, Oklahoma, and Fort Bragg, North Carolina, by the purchase of modern instruments and material for theoretical and practical instruction, for the tuition of officers detailed as students at civil educational institutions, and for all other necessary expenses, to be allotted in such proportion as may, in the opinion of the Secretary of War, be for the best interests of the service (*act Feb. 23, 1927, vol. 44, p. 1129*)	$5,440.00	$4,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salaries and wages—						
Salary range, $1,320 to $1,680; average, $1,500—						
Stenographer	1	$1,440				
01 Total personal services	1	1,440				
Supplies and materials:						
0203 Drafting and artists' supplies		50.00		$50.00		
0204 Photographing, procurement of		50.00		50.00		$97.76
0222 Instructional purposes, procurement of		350.00		350.00		7.58
0299 For instructional purposes, procurement of		800.00		800.00		1,449.76
02 Total supplies and materials		1,250.00		1,250.00		1,555.10
13 Special and miscellaneous expenses		500.00		500.00		
22 Payment of tuition, officers		2,000.00		2,000.00		2,080.00
Equipment:						
3021 Educational equipment		150.00		150.00		338.96
3022 Scientific equipment		100.00		100.00		13.50
30 Total equipment		250.00		250.00		352.46
						3,987.56
Unobligated balance						12.44
Total		5,440.00		4,000.00		4,000.00

Total under Chief of Field Artillery	26,196.00	22,820.00

Chief of Coast Artillery

Support of the Regular Army

Coast Artillery School, Fort Monroe, Va.—
For purchase of engines, generators, motors, machines, measuring and nautical instruments, special apparatus, and materials and for experimental purposes for the engineering and artillery and military art departments and enlisted specialists division; for purchase and binding of professional books treating of military and scientific subjects for library, for use of school, and for temporary use in coast defenses; for incidental expenses of the school, including chemicals, stationery, printing and binding; hardware; materials; cost of special instruction of officers detailed as instructors; employment of temporary, technical, or special services; for office furniture and fixtures, machinery, and motor trucks; and unforeseen expenses; in all, [$24,966] *$28,720*: *Provided*, That section 3648, Revised Statutes, shall not apply to subscriptions for foreign and professional newspapers and periodicals to be paid for from this appropriation: *Provided further*, That purchase and exchange of typewriting machines, to be paid for from this appropriation, may be made at the special price allowed to schools teaching stenography and typewriting without obligating typewriter companies to supply these machines to all departments of the Government at the same price (*act Feb. 23, 1927, vol. 44, p. 1129*) | 28,720.00 | 24,966.00 |

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salaries (permanent employees)—						
Salary range, $2,100 to $2,700; average, $2,400—						
Principal clerk (chief of section)	1	$2,100	1	$2,100	1	$2,100
Salary range, $1,500 to $1,860; average, $1,680—						
Clerk-stenographer	1	1,680	1	1,680	1	1,680
Salary range, $1,140 to $1,500; average, $1,320—						
Clerk-stenographer (1-$1,440; 1-$1,500)	2	1,470	2	1,410	1.9	1,470

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Coast Artillery School, Fort Monroe, Va.—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Field service—Continued.			
	Salaries (temporary employees)—			
	Salary range, $1,140 to $1,500; average, $1,320—	*Average—*	*Average—*	*Average—*
	Clerk-stenographer	*No.* 0.2 *Salary* $200	*No.* 0.1 *Salary* $120	*No.* 0.1 *Salary* $130
	Total average number of employees	4.2	4.1	4
01	Total salaries and wages, field service	6,920.00	6,720.00	6,703.33
	The difference between 1929 and 1928 is due to—			
	Increase of salary	$120		
	Additional temporary services	80		
	Total increase	200		
	Supplies and materials:			
0201	Stationery	3,100.00	3,700.00	2,294.47
0202	Sundry office supplies	1,600.00	2,000.00	1,016.50
0203	Drafting supplies	609.00	200.00	709.32
0204	Photographic supplies	1,625.00	2,150.00	1,218.49
0205	Cleaning and toilet supplies	400.00	500.00	183.82
0220	Scientific and educational supplies	1,800.00	800.00	554.62
0221	Scientific supplies			2.13
0280	Sundry supplies	687.00	500.00	2,123.78
0290	Materials	1,479.00	1,400.00	1,223.79
02	Total supplies and materials	11,300.00	11,250.00	9,326.92
12	Repairs and alterations	1,055.00	550.00	859.71
13	Special and miscellaneous current expenses			65.14
	Equipment:			
3010	Furniture, furnishings, and fixtures	1,270.00	1,100.00	1,876.88
3021	Educational equipment	2,715.00	2,300.00	3,919.14
3022	Scientific equipment	960.00	1,846.00	866.28
3050	Other equipment	4,500.00	1,200.00	1,201.87
30	Total equipment	9,445.00	6,446.00	7,864.17
				24,819.27
	Unobligated balance			146.73
	Total	28,720.00	24,966.00	24,996.00

FORTIFICATIONS IN THE UNITED STATES

Fire Control at Fortifications—

For construction of fire-control stations and accessories, including purchase of lands and rights of way, purchase and installation of necessary lines and means of electrical communication, including telephones, dial and other telegraphs, wiring and all special instruments, apparatus, and materials, coast signal apparatus, subaqueous, sound, and flash ranging apparatus, including their development, and salaries of electrical experts, engineers, and other necessary employees connected with the use of coast artillery; purchase, manufacture, and test of range finders and other instruments for fire control at the fortifications, and the machinery necessary for their manufacture at the arsenals (*act Feb. 23, 1927, vol. 44, p. 1129*) $323,500.00 $148,500.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
07	Transportation of fire-control equipment	$3,000	$1,000	
	Equipment:			
3039	Development of subaqueous sound ranging apparatus and equipment	28,500	28,500	$28,500
3039	Development and manufacture of fire-control equipment for 12-inch and 16-inch gun batteries, railway artillery, and howitzer batteries	10,000	10,000	9,000
3039	Development, purchase, and manufacture of antiaircraft fire-control equipment and coincidence range finders	25,000	20,000	21,000
3039	Purchase and manufacture of antiaircraft fire-control equipment for fixed antiaircraft batteries	50,000		
30	Total equipment	113,500	58,500	58,500
32	Fire-control installations at 12, 14, and 16 inch gun batteries, stations and equipment	207,000	89,000	
	Total	323,500	148,500	58,500

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, refereuces to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object		Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Submarine Mines—			
For purchase, manufacture, and test of submarine mine material and other accessories for submarine mine practice, including the machinery necessary for their manufacture (*act Feb. 23, 1927, vol. 44, p. 1130*)	$500.00		
For maintenance of submarine mine material within the limits of continental United States; purchase of necessary machinery, tools, and implements for the repair shop of the torpedo depot, United States Army, at Fort Totten, New York, and for torpedo depot administration and experimental work [$24,500] (*same act*)	30,027.00		
		$30,527.00	$25,000.00

		Estimated expenditures, 1929 appropriation		Estimated expenditurse, 1928 appropriation		Expended and obligated, 1927	
	SUBMARINE MINES "B"						
	Field service:						
	Salaries and wages—	*Average— No.*	*Salary*	*Average— No.*	*Salary*	*Average— No.*	*Salary*
	Salary range, $2,400 to $3,000; average, $2,700—						
	Chief clerk	1	$2,600	1	$2,600	1	$2,600
	Salary range, $1,860 to $2,400; average, $2,100—						
	Senior clerk	1	2,300	1	2,200	1	2,200
	Storehouse keeper	1	1,980	1	1,920	1	1,920
	Salary range, $1,680 to $2,040; average, $1,860—						
	Clerk	1	1,860	1	1,860	1	1,860
	Salary range, $1,500 to $1,860; average, $1,680—						
	Senior stockman	1	1,740	1	1,740	1	1,740
	Salary range, $1,320 to $1,680; average, $1,500—						
	Junior stockman	1	1,620	.9	1,565	1	1,620
	Junior clerk	1	1,440	.9	1,385	1	1,440
	Total average number of employees	7		6.8		7	
01	Total salaries and wages		13,540.00		13,270.00		13,380.00
	The difference between 1929 and 1928 is due to increase in salaries $160 and $110 additional funds to meet normal pay roll; total increase, $270.						
	Supplies and materials:						
0200	Stationery and office supplies		159.31		150.00		230.03
0230	Fuel		9.00		10.00		7.15
0270	Powder, projectiles, explosives, pyrotechnic supplies and components thereof		40.00		160.00		
0280	Sundry supplies		1,807.34		1,500.00		1,500.09
0290	Materials		1,358.35		1,000.00		1,417.71
02	Total supplies and materials		3,374.00		2,820.00		3,154.98
12	Repairs and alterations		500.00		230.00		2,751.35
13	Special and miscellaneous current expenses		7,000.00		7,000.00		6,697.68
	Equipment:						
3010	Furniture, furnishings, and fixtures				10.00		28.13
3020	Educational, scientific, and recreational equipment		15.00		100.00		428.68
3030	War equipment		1,453.00		500.00		282.78
3050	Other equipment		4,145.00		570.00		4,253.44
30	Total equipment		5,613.00		1,180.00		4,993.03
							30,977.04
	Unobligated balance						22.96
	Total		30,027.00		24,500.00		31,000.00
	SUBMARINE MINES "C"						
	Supplies and materials:						
0270	Powder, projectiles, explosives, pyrotechnic supplies, and components thereof		100.00		100.00		
0280	Sundry supplies				53.00		99.26
0290	Materials		130.00		76.60		
02	Total supplies and materials		230.00		229.60		99.26
	Equipment:						
3030	War equipment		270.00				
3050	Other equipment				270.40		
30	Total equipment		270.00		270.40		
							99.26
	Unobligated balance						.74
	Total		500.00		500.00		100.00

Coast Artillery War Instruction—			
For maintenance of Coast Artillery war-instruction material at Coast Artillery posts, including necessary material and labor therefor (*act Feb. 23, 1927, vol. 44, p. 1130*)		100.00	100.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Coast Artillery War Instruction—Continued.		

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
02	Materials			$100
30	Educational, scientific, and recreational equipment	$100	$100	
	Total	100	100	100

Total, fortifications in the United States, under Chief of Coast Artillery	$354, 127. 00	$173, 600. 00

FORTIFICATIONS, INSULAR POSSESSIONS

Fire Control in Insular Possessions—
For construction of fire-control stations and accessories, including purchase of lands and rights of way, purchase and installation of necessary lines and means of electrical communication, including telephones, dial, and other telegraphs, wiring, and all special instruments, apparatus, and materials, coast signal apparatus, subaqueous, sound, and flash ranging apparatus, including their development, and salaries of electrical experts, engineers, and other necessary employees connected with the use of coast artillery; purchase, manufacture, and test of range finders and other instruments for fire control at the fortifications, and the machinery necessary for their manufacture in the Hawaiian Islands (*act Feb. 23, 1927, vol. 44, p. 1130*) 275, 000. 00 118, 500. 00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
07	Transportation of fire-control equipment	$1, 500	$500	
	Equipment:			
3039	Development and manufacture of fire-control equipment for 12-inch and 16-inch gun batteries	15, 000	15, 000	$20, 000
3039	Development, purchase, and manufacture of antiaircraft fire-control equipment and radio equipment	20, 000	20, 000	20, 000
3039	Purchase and manufacture of antiaircraft fire-control equipment for fixed antiaircraft batteries	54, 000		
30	Total equipment	89, 000	35, 000	40, 000
32	Fire-control installations at 12-inch and 16-inch gun batteries, stations, and equipment	184, 500	83, 000	
	Total	275, 000	118, 500	40, 000

Submarine Mines in Insular Possessions—
For maintenance of the submarine mine material in the insular possessions (*act Feb. 23, 1927, vol. 44, p. 1130*) 900. 00 1, 680. 00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Supplies and materials:			
0200	Stationery and office supplies	$23. 00	$10. 00	
0270	Powder, projectiles, explosives, pyrotechnic supplies, and components thereof	100. 00	150. 00	
0280	Sundry supplies	149. 00	400. 02	$39. 40
0290	Materials	267. 00	500. 37	
02	Total supplies and materials	539. 00	1, 060. 39	39. 40
12	Repairs and alterations	20. 00	20. 00	45. 80
	Equipment:			
3030	War equipment	341. 00	499. 61	14. 40
3050	Other equipment		100. 00	
30	Total equipment	341. 00	599. 61	14. 40
				99. 60
	Unobligated balance			. 40
	Total	900. 00	1, 680. 00	100. 00

Total, fortifications in insular possessions, under Chief of Coast Artillery	275, 900. 00	120, 180. 00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
FORTIFICATIONS, PANAMA CANAL		
Fire Control, Panama Canal— For the construction of fire-control stations and accessories, including purchase of lands and rights of way, purchase and installation of necessary lines and means of electrical communication, including telephones, dial and other telegraphs, wiring and all special instruments, apparatus, and materials, coast signal apparatus, subaqueous, sound, and flash ranging apparatus, including their development, and salaries of electrical experts, engineers, and other necessary employees connected with the use of coast artillery, purchase, manufacture, and test of range finders and other instruments for fire control at the fortifications, and the machinery necessary for their manufacture (*act Feb. 23, 1927, vol. 44, p. 1150*)	$200,000.00	$138,430.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
07	Transportation of fire-control equipment	$3,810	$3,295	(1)
	Equipment:			
3039	Development, purchase, and manufacture of antiaircraft fire-control equipment and radio equipment	15,000	15,000	$15,000
3089	Purchase and manufacture of antiaircraft fire-control equipment for fixed antiaircraft batteries	100,000		
30	Total equipment	115,000	15,000	15,000
32	Structures: Fire-control installations for 14-inch and 16-inch gun batteries, stations, and equipment	81,190	120,135	133,500
	Total	200,000	138,430	148,500

[1] Included under "32 structures."

Submarine Mines, Panama Canal— For purchase, alteration, maintenance, and repair of submarine mines and necessary appliances to operate them (*act Feb. 23, 1927, vol. 44, p. 1150*)	2,757.00	3,020.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Supplies and materials:			
0200	Stationery and office supplies	$28.00	$10.00	
0270	Powder, projectiles, explosives, pyrotechnic supplies and component parts thereof	80.00	160.00	
0280	Sundry supplies	152.00	400.02	$136.26
0290	Materials	300.00	449.97	
02	Total supplies and materials	560.00	1,019.99	136.26
12	Repairs and alterations	500.00	400.00	26.23
13	Special and miscellaneous current expenses		200.00	
	Equipment:			
3039	War equipment	327.00	1,300.01	36.00
3050	Other equipment	1,400.00	100.00	
30	Total equipment	1,727.00	1,400.01	36.00
				198.49
	Unexpended balance			1.51
	Total	2,787.00	3,020.00	200.00

Total, fortifications, Panama Canal, under Chief of Coast Artillery	202,787.00	141,450.00
Total, fortifications, under Chief of Coast Artillery	$32,814.00	435,230.00
Total, military, under Chief of Coast Artillery	$61,534.00	460,196.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
DEPARTMENTAL		
Salaries, Office of Chief of Coast Artillery—		
Salaries: For personal services in the District of Columbia in accordance with the classification act of 1923 *(act Feb. 23, 1927, vol. 44, p. 1180)*	$23,520.00	$23,150.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Clerical, administrative, and fiscal service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 7, $2,400 to $3,000; average, $2,700—						
Administrative assistant (chief clerk)	1	$2,700	1	$2,700	1	$2,600
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	1	2,400	1	2,300	1	2,200
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	5	1,860	5	1,860	4.6	1,845
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk, senior stenographer	3	1,680	2	1,650	2.4	1,666
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior stenographer	2	1,500	3	1,440	2.9	1,440
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	1	1,320	1	1,260	1	1,200
Total average number of employees	13		12		12.9	
01 Total salaries, departmental service		23,520.00		23,150.00		22,677.38
Unobligated balance						2.62
Total		23,520.00		23,150.00		22,680.00
The difference between 1929 and 1928 is due to increase in salaries, $370.						

Total under Chief of Coast Artillery	$85,054.00	483,346.00

UNITED STATES MILITARY ACADEMY

SUPPORT OF THE REGULAR ARMY

Pay of Military Academy—

Permanent establishment: For eight professors, [$30,016] *$30,500*; chaplain, $4,000; [constructing quartermaster, in addition to his regular pay, $1,000;] additional pay of professors and officers for length of service, [$11,381] *$11,750*; subsistence allowance of professors and officers, [$4,155] *$3,942*; in all [$50,552]	$50,192.00	
For cadets, [$899,451]	907,920.00	
Civilians: For pay of employees, [$230,300]	237,718.00	
	1,195,830.00	1,180,303.00

All of the money hereinbefore appropriated for pay of the Military Academy shall be disbursed and accounted for as pay of the Military Academy, and for that purpose shall constitute one fund.

[The civilian instructors employed in the departments of modern languages and tactics shall be entitled to public quarters, fuel, and light] *(U. S. C., p. 208, secs. 1061, 1071; p. 209, secs. 1077, 1082, 1083, 1091, 1092, 1093; p. 211, secs. 1133, 1138, 1139, 1146; p. 1909, secs. 1077, 1077a, 1091a; act Feb. 23, 1927, vol. 44, p. 1130).*

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Permanent establishment:			
0121 Pay of professors	$30,500.00	$30,016.00	$35,044.43
0121 Longevity pay of professors	11,750.00	11,381.00	11,040.10
0121 Subsistence allowance—professors	3,942.00	4,155.00	4,161.00
0110 Chaplain's pay	5,050.00	5,050.00	2,354.43
0121 Pay of officers		1,000.00	1,000.00
	51,242.00	51,602.00	53,599.96
Deduct allowances for subsistence, lodging, etc.	1,050.00	1,050.00	550.00
Total cash payment	50,192.00	50,552.00	53,299.96
0120 For 1,164 cadets, at $750 per annum	907,920.00	899,451.00	882,726.37
Pay of civilians, field service:			
Salaries and wages—	*Average—*	*Average—*	*Average—*
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $3,800 to $5,000; average, $4,400—						
Organist	1	$4,750	1	$4,750	1	$4,750
Salary range, $3,000 to $3,500; average, $3,300—						
Chief engineer	1	3,000	1	3,000	1	3,000
Salary range, $2,700 to $3,300; average, $3,000—						
Chief clerk, adjutant's office	1	2,800	1	2,700	1	2,700
Librarian	1	3,000	1	3,000	1	3,000
Instructor	4	3,160				
Instructor	2	3,060	6	3,060	6	3,060

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

Pay of Military Academy—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927		Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
	Average— No.	Salary	Average— No.	Salary	Average— No.	Salary		
Pay of civilians, field service—Continued.								
Salaries and wages—Continued.								
Salary range, $2,400 to $3,000; average, $2,700—								
Chief printer	1	$2,500	1	$2,400	1	$2,400		
Chief clerk, quartermaster's office	1	2,500	1	2,400	1	2,400		
Chief clerk, treasurer's office	1	2,500	1	2,400	1	2,400		
Laundry manager	1	2,500	1	2,400	1	2,400		
Steward, cadet mess	1	2,500	1	2,400	1	2,400		
Salary range, $2,100 to $2,700; average, $2,400—								
Chief of division, adjutant's office	1	2,200	1	2,100	1	2,100		
Architectural draftsman	1	2,500	1	2,500				
Master mechanic	1	2,100	1	2,100	1	2,100		
Salary range, $1,860 to $2,400; average, $2,100—								
Chief of division, adjutant's office	1	1,920						
Chief of division, adjutant's office	2	1,860	3	1,860	3	1,860		
Assistant printer	1	1,920	1	1,860	1	1,860		
Bookbinder	1	1,920	1	1,860	1	1,860		
Chief plumber	1	2,160	1	2,160	1	2,160		
Chief electrician	1	2,160	1	2,160	1	2,160		
Assistant chief engineer	1	1,920	1	1,860	1	1,860		
Superintendent of gas works	1	1,920	1	1,860	1	1,860		
Chief of division, quartermaster's office	2	1,920						
Chief of division, quartermaster's office	1	1,860	3	1,860	3	1,860		
Clerk, treasurer's office	1	1,920	1	1,860	1	1,860		
Clerk-photographer	1	1,920	1	1,860	1	1,860		
Chemist-mechanic	1	1,920	1	1,860	1	1,860		
Assistant librarian	1	1,860			1	1,860		
Clerk and stenographer, treasurer's office	1	1,920	1	1,860	1	1,860		
Salary range, $1,680 to $2,040; average, $1,860—								
Pressman	1	1,740	1	1,680	1	1,680		
Stenographer, adjutant's office	1	1,740	1	1,680	1	1,680		
Clerk, quartermaster's office	1	1,680	1	1,680	1	1,680		
Assistant chief of division, quartermaster's office	3	1,680	3	1,680	3	1,680		
Assistant engineer	1	1,680	3	1,680	3	1,680		
Assistant engineer	2	1,740						
Refrigerating engineer	1	1,740	1	1,680	1	1,680		
Chef	1	2,000	1	2,000	1	2,000		
Junior engineer	1	1,680	1	1,680	1	1,680		
Salary range, $1,500 to $1,860; average, $1,680—								
Stenographer, quartermaster's office	1	1,500	1	1,500	1	1,500		
Head waiter	1	1,740	1	1,680	1	1,680		
Clerk, Treasurer's office	1	1,860	1	1,680	1	1,680		
Engineer, Treasurer's department	1	1,560	1	1,500	1	1,500		
Superintendent, post cemetery	1	1,740	1	1,680	1	1,680		
Salary range, $1,320 to $1,680; average, $1,500—								
Stenographer, adjutant's office			1	1,320	1	1,320		
Stenographer, adjutant's office	5	1,380	4	1,380	4	1,380		
Stenographer, adjutant's office	1	1,440	1	1,440	1	1,440		
Clerk, Treasurer's office	3	1,380	3	1,320	3	1,320		
First cook, cadet mess	1	1,500	1	1,440	1	1,440		
Baker, cadet mess	1	1,380	1	1,320	1	1,320		
Stenographer, academic and tactical departments	2	1,320	8	1,320	8	1,320		
Stenographer, academic and tactical departments	7	1,380						
Stenographer, library	1	1,320	1	1,320	1	1,320		
Stenographer, commandant's office	1	1,440	1	1,440	1	1,440		
Salary range, $1,140 to $1,500; average, $1,320—								
Book sewer	1	1,200						
Book sewer	1	1,140	2	1,140	2	1,140		
Plumber's helper	1	1,200	1	1,140	1	1,140		
Fireman	8	1,140	8	1,140	8	1,140		
Custodian	1	1,140	1	1,140	1	1,140		
Butcher	1	1,380	1	1,380	1	1,380		
Clerk, Treasurer's office	1	1,200	1	1,140	1	1,140		
Dry cleaner	1	1,260	1	1,200	1	1,200		
Custodian	1	1,440	1	1,440	1	1,440		
Assistant mechanic, departments	1	1,200	2	1,140	2	1,140		
Clerk messenger	1	1,200						
Overseer	1	1,320	1	1,260	1	1,260		
Salary range, $1,020 to $1,260, average, $1,140—								
Janitor	1	1,260	1	1,260	1	1,260		
Cook, cadet mess	3	1,200	1	1,280	1	1,280		
Cook, cadet mess	1	1,280	3	1,200	3	1,200		
Chauffeur, cadet mess	1	1,140	1	1,140	1	1,140		
Mechanic	1	1,020	1	1,020	1	1,020		
Salary range, $900 to $1,140; average, $1,020—								
Oiler, power house	2	900	2	900	2	900		
Janitress	1	1,080	1	1,020	1	1,020		
Assistant head waiter	1	1,080	1	1,020	1	1,020		
Scavenger	1	960	1	960	1	960		
Salary range, $780 to $1,020; average, $900—								
Charwoman	1	840	1	780	1	780		
Janitor	1	930	1	900	1	900		
Assistant waiter, cadet mess			1	900	1	900		
Coffeeman			1	900	1	900		
Fireman			1	780	1	780		
Assistant butcher	1	990	1	960	1	900		
Assistant baker	1	900	1	900	1	960		
Custodian			1	900	1	900		
Porter			1	900	1	900		
Mender, cadet laundry	1	840	1	780	1	780		
Sorter, cadet laundry	4	840	5	780	5	780		
Sorter, cadet laundry	1	780						
Lineman			1	900	1	900		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Pay of Military Academy—Continued.		

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Pay of civilians, field service—Continued.			
Salaries and wages—Continued.	*Average*—	*Average*—	*Average*—
Salary range, $600 to $780; average, $690—	*No.* *Salary*	*No.* *Salary*	*No.* *Salary*
Charwoman	1 $600	1 $600	
Teacher of music, with allowance of first lieutenant, United States Army, base and longevity pay $3,240, subsistence allowance $438, and $760 quarters, heat, and light	1 4,438.00	1 4,219.00	1 $4,207.33
Unclassified employees, cadet mess	81 57,960.00	76 53,021.00	80 55,461.17
Total average number of employees	198	197	200
Total salaries and wages, field service	251,788.00	244,570.00	245,758.50
Deduct allowances for subsistence, lodging, etc	14,070.00	14,270.00	15,440.00
Cash payment, salaries and wages	237,718.00	230,300.00	230,318.50
The difference between 1929 and 1928 is due to—			
Increase in force	$3,180		
Increase in salaries	4,238		
Total increase	7,418		
01 Total pay, Military Academy	1,195,830.00	1,180,303.00	1,166,334.83
Unobligated balance			4,973.33
Total	1,195,830.00	1,180,303.00	1,171,308.16

Maintenance, United States Military Academy—

For text and reference books for instruction; increase and expense of library (not exceeding $3,680); office equipment and supplies; stationery, blank books, forms, printing and binding, and periodicals; diplomas for graduates (not exceeding $1,100); expense of lectures; apparatus, equipment, supplies, and materials for purposes of instruction and athletics, and maintenance and repair thereof; musical instruments and maintenance of band; care and maintenance of organ; equipment for cadet mess; postage, telephones, and telegrams; freight and expressage; transportation of cadets and accepted cadets from their homes to the Military Academy, and discharged cadets, including reimbursement of traveling expenses; for payment of commutation of rations for the cadets of the United States Military Academy in lieu of the regular established ration; maintenance of children's school (not exceeding $8,800); contingencies for superintendent of the academy (not to exceed $3,000); expenses of the members of the Board of Visitors (not exceeding $750); contingent fund, to be expended under the direction of the Academic Board (not exceeding ($500); improvement, repair, and maintenance of buildings and grounds (including roads, walls, and fences); shooting galleries and ranges; cooking, heating, and lighting apparatus and fixtures and operation and maintenance thereof; maintenance of water, sewer, and plumbing systems; maintenance of and repairs to cadet camp; fire-extinguishing apparatus; machinery and tools and repair of same; maintenance, repair, and operation of an automobile and one motor truck; policing buildings and grounds; furniture for official purposes at the academy and repair and maintenance thereof; fuel for heat, light, and power; and other necessary incidental expenses in the discretion of the superintendent; in all (*U. S. C., p. 208, secs. 1053, 1054; act Feb. 23, 1927, vol. 44, p. 1131*) $1,110,221.00 $1,066,284.00

Public Works, United States Military Academy—

[For completing the construction of a new mess hall, cadet store, dormitories, and drawing academy, including equipment] (*act Feb. 23, 1927, vol. 44, p. 1131*) 861,000.00

Section 3648, Revised Statutes, shall not apply to subscriptions for foreign, professional, and other newspapers and periodicals to be paid from any of the foregoing appropriations for the Military Academy.

The Secretary of War is hereby directed to turn over to the United States Military Academy without expense all such surplus material as may be available and necessary for the construction of buildings; also surplus tools and material required for use in the instruction of cadets at the academy: *Provided*, That the constructing quartermaster, United States Military Academy, is hereby exempted from all laws and regulations relative to employment and to granting leaves of absence to employees with pay while employed on construction work at the Military Academy: *Provided further*, That the funds appropriated herein for the United States Military Academy may be expended without advertising when in the opinion of the responsible constructing officer and the superintendent it is more economical and advantageous to the Government to dispense with advertising (*act Feb. 23, 1927, vol. 44, p. 1131*).

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Public Works, United States Military Academy—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $3,800 to $5,000; average, $4,400—						
Chief superintendent of construction	1	$4,000	1	$3,800	1	$3,800
Salary range, $2,700 to $3,300; average, $3,000—						
Superintendent of construction	1	2,700	1	2,700	0.2	2,700
Salary range, $2,400 to $3,000; average, $2,700—						
Foreman carpenter	2	2,758	2	2,758	2	2,758
Salary range, $2,100 to $2,700; average, $2,400—						
Plumber	6	2,582	6	2,582	6	2,582
Foreman steam fitter	1	2,504	1	2,504	1	2,504
Mason	4	2,466	4	2,466	4	2,466
Carpenter	17	2,316	17	2,316	17	2,316
Wheelwright	1	2,316	1	2,316	1	2,316
Blacksmith	1	2,285	1	2,285	1	2,285
Foreman tinner	1	2,269	1	2,269	1	2,269
Saddler	1	2,119	1	2,119	1	2,119
Steam fitter	9	2,191	9	2,191	9	2,191
Tinner	4	2,119	4	2,119	4	2,119
Painter	18	2,119	18	2,119	18	2,119
Foreman mechanic	1	2,500	1	2,400	1	2,335
School principal	1	2,100	1	2,100	1	2,100
Salary range, $1,860 to $2,400; average, $2,100—						
Blacksmith	3	2,078	3	2,078	3	2,078
Machinist	1	1,860	1	1,860	1	1,860
Salary range, $1,680 to $2,040; average, $1,860—						
Clerk	1	1,860	1	1,800	1	1,800
Salary range, $1,500 to $1,860; average, $1,680—						
Foreman laborer	1	1,643	1	1,643	1	1,643
Teamster	1	1,643	1	1,643	0.7	1,643
Woods foreman	1	1,860	1	1,800	1	1,800
Mason			0.4	1,643	0.4	1,643
Assistant plumber	1	1,560				
Clerk	2	1,560	3	1,620	3	1,500
Clerk	1	1,500				
Electrician	1	1,560	1	1,500	0.8	1,500
Salary range, $1,320 to $1,680; average, $1,500—						
Mechanics' helper	12	1,487	12	1,487	12	1,487
Machinist	1	1,440	1	1,440	0.8	1,440
Stenographer					1	1,320
Clerk	1	1,320	2	1,320	2	1,320
Overseer	1	1,440	1	1,320	1	1,320
School-teacher	4	1,320	4	1,320	4	1,320
Head barrack policeman	1	1,380	1	1,320	1	1,320
Salary range, $1,140 to $1,500; average, $1,320—						
Barrack policeman	5	1,200	5	1,140	5	1,140
Laborer	41	1,252	41	1,252	41	1,252
Overseer	1	1,250	1	1,250	1	1,250
School-teacher	1	1,200	1	1,200	1	1,200
Fireman	3	1,260	6	1,140	6	1,140
Fireman	3	1,140				
Salary range, $1,020 to $1,260; average, $1,140—						
Janitor	1	1,140	1	1,020	1	1,020
Woodsman	1	1,020	1	1,020	1	1,020
Woodsman	3	1,080				
Salary range, $900 to $1,140; average, $1,020—						
Barrack policeman	2	1,140	2	1,080	2	1,080
Barrack policeman	5	1,080	5	1,020	4	1,020
Barrack policeman	6	1,020	6	960	7	960
Woodsman	2	960	5	960	5	960
Laborer	8	939	17	939	17	939
Laborer	9	999				
Laborer	1	960	1	900	1	900
Salary range, $780 to $1,020; average, $900—						
Caretaker	1	888	1	888	1	888
Barrack policeman	9	840	9	780	9	780
Unclassified employee, cadet mess	8	780				
Salary range, $600 to $780; average, $690—						
Charwoman					1	600
Salary range, $420 to $600; average, $510—						
Apprentice	2	570	2	570		
Apprentice	1	470	1	470	1	450
Salary range, $240 to $420; average, $330—						
Apprentice	1	360	1	360	1	180
Total average number of employees	216		208.4		206.9	
Total salaries and wages, field service		333,145.76		323,870.45		320,677.78
Deduct allowance for subsistence, lodging, etc		780.00		300.00		300.00
Cash payment, salaries and wages		332,365.76		323,570.45		320,377.78
The difference between 1929 and 1928 is due to—						
Increase in force	$5,760.00					
Increase in salaries	3,900.00					
	9,660.00					
Decrease in force	864.69					
Net increase	8,795.31					
Deduct expenditures for personal services included in objects named below		252,257.76		246,642.45		252,704.70
Net salaries and wages, field service		80,108.00		76,928.00		67,673.08
For course of lectures for the more complete instruction of cadets		500.00		500.00		444.00
01 Total personal services		80,608.00		77,428.00		68,117.08

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Public Works, United States Military Academy—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Supplies and materials:			
0200	Stationery and office supplies	$15,481.00	$13,606.32	$22,623.25
0220	Scientific and educational supplies	4,340.00	4,455.80	11,686.91
0230	Fuel	170,370.00	165,513.50	170,918.02
0280	Sundry supplies	9,128.00	11,270.02	2,802.21
0290	Materials	1,485.00	2,215.00	
02	Total supplies and materials	200,804.00	197,060.64	208,030.39
03	Subsistence for support of persons	339,888.00	333,866.00	329,019.20
	Communication service:			
0500	Telegraph service	120.00	120.00	53.48
0510	Telephone service	450.00	450.00	364.51
0520	Other communication service	124.00	42.50	137.40
05	Total communication service	694.00	612.50	555.39
06	Travel expenses	37,474.00	30,450.00	29,528.75
07	Transportation of things	211.00	321.50	207.30
	Printing and binding, etc.:			
0800	Printing and binding	507.00	115.00	692.95
0810	Lithographing, engraving, and engrossing	1,400.00	793.00	
08	Total printing and binding	1,907.00	908.00	692.95
11	Rents	25.00	125.00	123.75
12	Repairs and alterations	357,878.00	340,189.78	303,683.97
13	Special and miscellaneous current expenses	34,239.00	5,193.18	3,174.96
	Equipment:			
3000	Passenger-carrying vehicles	450.00		148.50
3010	Furniture, furnishings, and fixtures	22,560.00	6,761.15	6,045.26
3020	Educational, scientific, and recreational equipment	18,557.00	19,114.55	18,050.90
3050	Other equipment	14,926.00	54,253.70	1,628.00
30	Total equipment	56,493.00	80,129.40	25,872.66
	Total	1,110,221.00	1,066,284.00	969,006.40

Total under United States Military Academy	$2,306,051.00	$3,107,587.00

MILITIA BUREAU

Arming, Equipping, and Training the National Guard—

For procurement of forage, bedding, and so forth, for animals used by the National Guard [$1,265,677] (*U. S. C., p. 1034, sec. 22; p. 1036, sec. 42; acts May 28, 1926, vol. 44, p. 673; Feb. 23, 1927, vol. 44, p. 1132*) $1,404,720.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Supplies and materials:			
0210	Medical and hospital supplies	$36,220.00	$36,221.00	$34,324.02
0250	Forage and other supplies for animals	1,368,500.00	1,419,456.00	1,322,944.70
02	Total supplies and materials		1,455,677.00	1,357,268.72
	Unobligated balance			27,159.20
	Reserve		10,000.00	
	Total	1,404,720.00	[1] 1,465,677.00	1,384,427.92

[1] Excess above appropriation due to carry-over from fiscal year 1927, available to Dec. 31, 1927.

For compensation of help for care of materials, animals, and equipment [$2,250,000] (*U. S. C., p. 1034, sec. 22; p. 1036, sec. 42; acts May 28, 1926, vol. 44, p. 673; Feb. 23, 1927, vol. 44, p. 1132*) 2,436,300.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
01	Personal services	$2,436,300.00	$2,350,000.00	$2,261,707.10
	Unobligated balance			11,749.10
	Total	2,436,300.00	[1] 2,350,000.00	2,273,456.20

[1] Excess above appropriation due to carry-over from fiscal year 1927, available to Dec. 31, 1927.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Arming, Equipping, and Training the National Guard—Continued.

For expenses, camps of instruction, field and supplemental training [$10,192,000] (*U. S. C., p. 1034, sec. 22; p. 1038, secs. 62, 63, 64; p. 1044, secs. 161, 162, 163, 164; acts May 28, 1926, vol. 44, p. 674; July 2, 1926, vol. 44, p. 783; Feb. 23, 1927, vol. 44, p. 1132*)..... $9,603,532.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
01 Personal services	$4,750,000.00	$4,767,386.00	$4,632,237.89
Supplies and materials:			
0200 Stationery and office supplies	1,000.00	990.00	793.14
0210 Medical and hospital supplies	15,000.00	14,851.00	13,504.46
0240 Fuel	210,000.00	207,919.00	203,765.25
0250 Forage and other supplies for animals	120,000.00	118,811.00	118,169.10
0260 Provisions	1,166,297.00	1,153,059.00	1,203,888.98
0280 Sundry supplies	50,000.00	49,504.00	48,034.85
02 Total supplies and materials	1,562,297.00	1,545,134.00	1,588,155.78
03 Subsistence	12,000.00	11,881.00	
05 Communication service	3,000.00	2,970.00	2,702.66
06 Travel expenses	1,965,703.00	2,039,888.00	1,820,521.40
07 Transportation of things	350,000.00	346,532.00	344,892.78
10 Furnishing of electricity and water	30,000.00	29,702.00	14,727.74
11 Rents	357,000.00	356,435.00	356,324.64
12 Repairs and alterations (construction)	250,000.00	247,522.00	194,745.87
22 Burial expenses	2,000.00	1,980.00	1,743.85
32 New construction	333,532.00	742,570.00	923,958.46
		10,092,000.00	9,880,011.07
Unobligated balance			72,250.43
Reserve		100,000.00	
Total	9,603,532.00	10,192,000.00	9,952,261.50

For expenses, selected officers and enlisted men, military service schools (*U. S. C., p. 1034, sec. 22; p. 1038, sec. 65; p. 1044, secs. 161, 162, 163, 164; acts May 28, 1926, vol. 44, p. 674; July 2, 1926, vol. 44, p. 783; Feb. 23, 1927, vol. 44, p. 1132*)..... 375,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
01 Personal services	$312,350.00	$312,350.00	$293,104.88
03 Subsistence	4,730.00	4,730.00	3,701.63
06 Travel expenses	57,920.00	57,920.00	52,974.98
			349,781.49
Unobligated balance			9,707.72
Total	375,000.00	375,000.00	359,489.21

For pay of property and disbursing officers for the United States [$80,000] (*U. S. C., p. 1037, sec. 49; act Feb. 23, 1927, vol. 44, p. 1132*)..... 79,500.00

01 Personal services: Expenditures—1929, $79,500; 1928, $80,000; 1927, $78,000.

For general expenses, equipment, and instruction, National Guard, [$600,000] (*U. S. C., p. 1034, sec. 22; p. 1044, secs. 161, 162, 163, 164, 171, 172, 175; p. 1045, sec. 176; act Feb. 23, 1927, vol. 44, p. 1132*)..... 773,674.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
01 Personal services	$74,074.00	$74,033.00	$61,639.70
Supplies and materials:			
0200 Stationery and office supplies	50,000.00	73,900.00	42,860.52
0210 Medical and hospital supplies	1,667.00	1,984.00	1,617.76
0240 Wearing apparel and sewing supplies	172,100.00	170,730.00	116,915.80
0230 Fuel	163,591.00	119,871.00	104,228.66
0280 Sundry supplies	92,550.00	89,324.00	80,589.61
02 Total supplies and materials	479,908.00	455,809.00	346,212.35

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object		Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Arming, Equipping, and Training the National Guard—Continued.			

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
05 Communication service	$250.00	$992.00	$295.74
06 Travel expenses	1,083.00	3,818.00	3,556.31
07 Transportation of things	48,025.00	48,287.00	30,184.69
11 Rents	40,000.00	34,717.00	29,581.47
12 Repairs and alterations (construction)	40,000.00	38,550.00	49,301.70
22 Burial expenses	334.00	496.00	200.00
32 New construction	90,000.00	87,298.00	127,553.02
			648,524.98
Unobligated balance			61,812.29
Reserve		6,000.00	
Total	773,674.00	[1] 750,000.00	710,337.27

[1] Excess above appropriation due to carry-over from fiscal year 1927, available to Dec. 31, 1927.

For travel of officers and noncommissioned officers of the Regular Army in connection with the National Guard, [$350,000] *$340,000*: *Provided*, That not to exceed $2,000 of this sum shall be expended for travel of officers of the War Department General Staff in connection with the National Guard (*U. S. C., p. 1034, sec. 22; act Feb. 23, 1927, vol. 44, p. 1132*) $340,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
06 Travel expenses	$340,000.00	$350,000.00	$319,272.82
Unobligated balance			6,411.56
Total	340,000.00	350,000.00	325,684.38

For transportation of equipment and supplies (*U. S. C., p. 1034, sec. 22; p. 1035, sec. 33; act Feb. 23, 1927, vol. 44, p. 1132*) 250,000.00

07 Transportation of things: Expenditures—1929, $250,000; 1928, $250,000; 1927, $298,684.74.

For expenses of enlisted men of the Regular Army on duty with the National Guard, including the hiring of quarters in kind, [$425,000] (*U. S. C., p. 1034, sec. 22; act Feb. 23, 1927, vol. 44, p. 1132*) 488,780.00

$15,751,506.00 $15,787,677.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
02 Medical and hospital supplies	$2,945.00	$2,945.00	$1,164.95
03 Subsistence	241,280.00	241,280.00	233,901.98
11 Rents	244,555.00	244,555.00	250,570.89
			485,637.82
Unobligated balance			1,539.77
Total	488,780.00	[1] 488,780.00	487,177.59

[1] Excess above appropriation due to carry-over from fiscal year 1927, available to Dec. 31, 1927.

Armory Drill Pay—

For pay of National Guard (armory drills) (*U. S. C., p. 1038; sec. 62; p. 1042, sec. 143; p. 1043, secs. 148, 154; acts July 2, 1926, vol. 44, p. 783; Feb. 23, 1927, vol. 44, p. 1132*) 10,700,000.00 9,498,000.00

When approved by the Secretary of War, 10 per centum of each of the foregoing amounts under the appropriation for "Arming, equipping, and training the National Guard" shall be available interchangeably for expenditure on the objects named, but no one item shall be increased by more than 10 per centum: *Provided*, That a report of amounts so transferred between appropriations shall be submitted to the Congress at the first regular session after the close of the fiscal year [1928] *1929*.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Armory Drill Pay—Continued		

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
01 Personal services	$10,700,000.00	$9,890,375.00	$10,613,315.18
Unobligated balance			1,198.77
Reserve		54,600.00	
Total	10,700,000.00	[1] 9,944,975.00	10,614,513.95

[1] Amount actually available for 1928: Appropriation, $9,498,000, and carry-over from 1927, $446,975; total, $9,944,975.

Arms, Uniforms, Equipment, etc., for Field Service, National Guard—

To procure by purchase or manufacture and issue from time to time to the National Guard, upon requisition of the governors of the several States and Territories, or the commanding general, National Guard of the District of Columbia, such military equipment and stores of all kinds and a reserve supply thereof, including horses conforming to the Regular Army standards for use of the Cavalry, Field Artillery, and mounted organizations of the National Guard, as are necessary to arm, uniform, and equip for field service the National Guard of the several States, Territories, and the District of Columbia, and to repair such of the aforementioned articles of equipage and military stores as are or may become damaged when, under regulations prescribed by the Secretary of War, such repair may be determined to be an economical measure and as necessary for their proper preservation and use, [$4,512,280] *$5,263,150*, of which not less than [$787,500] *$734,288* shall be available only for the production and purchase of new airplanes and their equipment, spare parts, and accessories: *Provided*, That the Secretary of War is hereby directed to issue from surplus or reserve stores and material on hand and purchase for the United States Army such articles of clothing and equipment and Field Artillery, Engineer, and Signal material and ammunition as may be needed by the National Guard organized under the provisions of the act entitled "An act for making further and more effectual provision for the national defense, and for other purposes," approved June 3, 1916, as amended by the act approved June 4, 1920. This issue shall be made without charge against militia appropriations except for actual expenses incident to such issue.

The mounted, motorized, air, medical, and tank units and motor transport, military police, wagon, and service companies of the National Guard shall be so reduced that the appropriations made in this act shall cover the entire cost of maintenance of such units for the National Guard during the fiscal year [1928] *1929 (U. S. C., p. 1034, sec. 22; p. 1035, sec. 32; p. 1036, secs. 40, 44; act Feb. 23, 1927, vol. 44, p. 1132)* $5,263,150.00 $4,512,280.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Supplies and materials:			
0200 Stationery and office supplies	$10,000.00	$9,918.00	$4,899.91
0210 Medical and hospital supplies	36,289.00	24,793.00	14,977.45
0220 Scientific and educational supplies	3,754.00	4,958.00	4,169.08
0240 Wearing apparel and sewing supplies	1,355,908.00	1,194,910.00	1,690,344.59
0270 Powder, projectiles, explosives, and pyrotechnical supplies	1,496,125.00	991,790.00	1,116,776.61
0280 Sundry supplies	1,303,559.00	1,261,480.00	1,637,363.13
02 Total supplies and materials	4,205,635.00	3,487,849.00	4,468,530.77
Equipment:			
3030 War equipment	975,015.00	987,681.00	692,039.70
3040 Animals (horses)	82,500.00		
30 Total equipment	1,057,515.00	987,681.00	692,039.70
			5,160,570.47
Unobligated balance			243,721.53
Total	5,263,150.00	4,512,280.00	5,404,292.00

Total, military, under Militia Bureau 31,714,656.00 29,797,957.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
DEPARTMENTAL		
Salaries, Militia Bureau—		
Salaries: For personal services in the District of Columbia in accordance with the classification act of 1923 (*U. S. C., p. 1044, sec. 171; act Feb. 23, 1927, vol. 44, p. 1133*)	$138,600.00	$132,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Clerical, administrative, and fiscal service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 9, $3,000 to $3,600; average, $3,300—						
Senior administrative assistant (chief clerk)	1	$3,200	1	$3,100	1	$3,100
Grade 8, $2,700 to $3,300; average, $3,000—						
Administrative assistant (chief of division)	1	2,900	1	2,800	1	2,800
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant (chief of division)	1	2,600	1	2,500	1	2,500
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk (chief of division)	3	2,233	3	2,200	3	2,200
Grade 5, $1,860 to $2,400; average, $2,100—						
Senior clerk	5	2,048	5	2,008	5	2,008
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	7	1,740	7	1,731	5.2	1,759
Clerk (bookkeeper)	2	1,830	2	1,740	2	1,740
Principal stenographer	1	1,740	1	1,740	1	1,740
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	13	1,611	13	1,574	13.5	1,578
Assistant clerk (bookkeeper)	1	1,680	1	1,560	1	1,560
Senior stenographer	2	1,650	2	1,590	2	1,573
Assistant clerk-stenographer	7	1,600	7	1,586	7	1,580
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	12	1,415	12	1,395	13.2	1,399
Junior clerk (bookkeeper)	3	1,460	3	1,420	3	1,403
Junior stenographer	7	1,414	7	1,371	7.2	1,358
Junior clerk-stenographer	1	1,500	1	1,500	1	1,500
Junior clerk-typist	10	1,374	8	1,350	7.3	1,365
Junior operator, office devices	1	1,440	1	1,380	1	1,364
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	1	1,140	1	1,140	2.3	1,042
Underclerk-typist	3	1,160	2	1,140	1.5	1,215
Underoperator, office devices	1	1,200	1	1,200	1	1,200
Custodial service—						
Grade 4, $1,140 to $1,500; average, $1,320—						
Head messenger	1	1,200	1	1,200	1	1,200
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger	2	1,110	2	1,080	2	1,103
Senior laborer	1	1,080	1	1,080	0.9	982
Total average number of employees	87		84		84.1	
01 Total salaries, departmental service		138,600.00		132,000.00		131,571.27
Unobligated balance						737.73
Total		138,600.00		132,000.00		132,309.00
The difference between 1929 and 1928 is due to—						
Increase in salaries	$2,692					
Increase in force	3,908					
Total increase	6,600					

Total under Militia Bureau	31,853,256.00	29,929,957.00

ORGANIZED RESERVES

Organized Reserves—

Officers' Reserve Corps: For pay and allowances of members of the Officers' Reserve Corps on active duty for not exceeding fifteen days' training [$2,145,030] (*U. S. C., p. 183, secs. 362, 366; act Feb. 23, 1927, vol. 44, p. 1133*) $2,009,356.00

For pay and allowances of members of the Officers' Reserve Corps on active duty for more than fifteen days in accordance with law [$756,510] (*same acts*) 673,552.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Pay and allowances, reserve officers for 15 days	$2,009,356.00	$2,098,786.00	$2,284,784.53
Pay and allowances, reserve officers for more than 15 days	673,552.00	756,510.00	416,688.93
		2,855,296.00	2,701,473.46
Unobligated balance			18,526.54
Reserve		46,244.00	
01 Total	2,682,908.00	2,901,540.00	2,720,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Organized Reserves—Continued.		
For mileage, reimbursement of actual traveling expenses, or per diem allowances in lieu thereof as authorized by law, [$361,901] *$371,750: Provided*, That the mileage allowance to members of the Officers' Reserve Corps when called into active service for training for fifteen days or less shall not exceed 4 cents per mile (*U. S. C., p. 183, sec. 367; act Feb. 23, 1927, vol. 44, p. 1133*)	$371,750.00	
In all, [$3,263,441] *$3,054,658*.		

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
06	Mileage of reserve officers	$371,750.00	$356,901.00	$376,954.53
	Unobligated balance			15,345.47
	Reserve		5,000.00	
	Total	371,750.00	361,901.00	392,300.00

Enlisted Reserve Corps: For pay, transportation, subsistence, clothing, and medical and hospital treatment [$100] (*U. S. C., p. 185, sec. 427; act Feb. 23, 1927, vol. 44, p. 1133*) 100.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
01	Pay, enlisted men of Enlisted Reserve Corps			$15,427.57
	Supplies and materials:			
	0240 Clothing			2,054.67
	0241 Cleaning, altering, and repairing clothing			145.17
	0260 Provisions			852.38
02	Total supplies and materials			3,052.22
03	Commutation of rations			1,355.21
06	Transportation			6,484.02
	Special and miscellaneous current expenses:			
	1377 Medical examinations and vaccination			389.50
	1377 Hospital care and treatment			60.00
	1380 Miscellaneous current expenses	$100.00		11,108.53
13	Total special and miscellaneous current expenses	100.00		11,558.03
				37,877.05
	Unobligated balance			7,122.95
	Reserve		$100.00	
	Total	100.00	100.00	45,000.00

Correspondence courses: For conducting correspondence courses for instruction of members of the Reserve Corps, including necessary supplies, procurement of maps and textbooks, and transportation [$17,000] (*U. S. C., p. 183, sec. 369, act Feb. 23, 1927, vol. 44, p. 1133*) 23,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
02	Stationery and office supplies	$9,500	$9,500	$9,500
07	Transportation of supplies	1,500	1,500	1,500
13	Miscellaneous current expenses and general purposes	500	500	500
30	Books, pamphlets, etc	11,500	5,000	5,000
	Reserve		500	
	Total	23,000	17,000	17,000

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object		Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Organized Reserves—Continued.			
Manuals: For purchase of training manuals, including Government publications *and blank forms* (*U. S. C., p. 183, sec. 369; act Feb. 23, 1927, vol. 44, p. 1133*)	$20,000.00		

		Estimated, expenditures, 1929 appropriation	Estimated, expenditures, 1928 appropriation	Expended and obligated, 1927
30	Manuals	$20,000	$19,400	$22,000
	Reserve		600	
	Total	20,000	20,000	22,000

Headquarters and camps: For establishment, maintenance, and operation of divisional and regimental headquarters and of camps for training of the Organized Reserves; for miscellaneous expenses incident to the administration of the Organized Reserves, including the maintenance and operation of motor-propelled passenger-carrying vehicles; for the actual and necessary expenses, or per diem in lieu thereof, at rates authorized by law, incurred by officers and enlisted men of the Regular Army traveling on duty in connection with the Organized Reserves; for reimbursement for the use, including upkeep and depreciation costs, of supplies, equipment, and matériel furnished in accordance with law from stocks under the control of the War Department, except that [no part] *not to exceed $194,087* of this appropriation shall be [expended] *available for expenditure by the Chief of the Air Corps* for the production and purchase of new airplanes and their equipment, spare parts, and accessories; for transportation of baggage, including packing and crating, of reserve officers on active duty for not less than six months; for medical and hospital treatment, continuation of pay and allowances not to exceed six months, and transportation when fit for travel to their homes of members of the Officers' Reserve Corps and Enlisted Reserve Corps of the Army injured in line of duty while on active duty under proper orders or while voluntarily participating in aerial flights in Government-owned aircraft by proper authority as an incident to their military training, and for the preparation and transportation to their homes and burial expenses of the remains of members of the Organized Reserves who die while on active duty, as provided in section 4 of the act of June 3, 1924, [$858,100] *$1,534,169*: *Provided*, That not to exceed $100,000 of this amount may be used for establishment and maintenance of divisional and regimental headquarters (*U. S. C., p. 183, sec. 369; act Feb. 23, 1927, vol. 44, p. 1133*) 1,534,169.00

$4,631,927.00 $4,158,641.00

None of the funds appropriated elsewhere in this act except for printing and binding *and for pay and allowances of officers and enlisted men of the Regular Army* shall be used for expenses in connection with the Organized Reserves, but available supplies and existing facilities at military posts shall be utilized to the fullest extent possible.

No portion of the appropriation shall be expended for the pay of a reserve officer on active duty for a longer period than fifteen days, except such as may be detailed for duty with the War Department General Staff under section 3a and section 5 (b) of the Army reorganization act approved June 4, 1920, or who may be detailed for courses of instruction at the general or special service schools of the Army, or who may be detailed for duty as instructors at civilian military training camps, appropriated for in this act, or who may be detailed for duty with tactical units of the Air Corps, as provided in section 37a of the Army reorganization act approved June 4, 1920: *Provided*, That the pay and allowances of such additional officers and nurses of the Medical Reserve Corps as are required to supplement the like officers and nurses of the Regular Army in the care of beneficiaries of the United States Veterans' Bureau treated in Army hospitals may be paid from the funds allotted to the War Department by that bureau under existing law.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
01	Salaries and wages, civilian employees	(1)	(1)	$25,096.84
	Supplies and materials:			
0200	Stationery and office supplies	$25,000.00	$24,700.00	49,320.33
0210	Surgical dressings	7,730.00	1,950.00	1,879.81
0230	Fuel	6,370.00	4,875.00	4,819.00
0230	Gasoline and oil	29,282.00	37,929.00	23,484.53
0270	Ammunition	140,952.00	105,000.00	95,213.84
0280	Sundry supplies	5,000.00	5,000.00	5,009.08
02	Total supplies and materials	214,334.00	179,454.00	179,726.62
04	Storage and care of vehicles (service)		1,000.00	264.45

[1] Amounts for salaries and wages included in item 1380, "Preparation of camp sites."

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Organized Reserves—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Communication service:			
0500	Telegrams	$1,000.00	$920.00	$872.00
0510	Telephone service	18,000.00	16,250.00	15,248.11
0520	Postage	2,500.00	2,500.00	2,343.77
05	Total communication service	21,500.00	19,670.00	18,463.88
	Travel expenses:			
0600	Travel expenses, Regular Army personnel	63,000.00	56,673.00	
0610	Travel expenses, including street-car tickets, ferry tolls, and hire of boats	5,100.00	5,100.00	3,853.23
06	Total travel expenses	68,100.00	61,773.00	3,853.23
07	Transportation of supplies	12,600.00	10,500.00	10,316.01
	Furnishing heat, light, power, water, etc.:			
1000	Heat	315.00	315.00	516.90
1010	Light	2,300.00	3,100.00	2,657.56
1020	Power	720.00	720.00	550.90
1040	Water	513.00	513.00	513.00
1080	Not listed specifically	1,820.00	1,000.00	18,947.89
10	Total furnishing heat, light, power, water, etc	5,668.00	5,648.00	23,186.25
	Rents:			
1100	Rental, offices, etc	90,000.00	85,000.00	76,522.09
1110	Rental, grounds	800.00	5,976.00	5,360.78
1114	Rental, war equipment:			
	Training type airplanes	635,964.00	277,090.00	
	Service type airplanes	321,237.00	49,136.00	
11	Total rents	1,048,001.00	417,202.00	81,882.87
	Repairs and alterations:			
1200	Offices	4,600.00	4,600.00	
1200	Barracks, quarters, offices, etc	(1)	(1)	22,207.31
1210	Repairing grounds, roads, walks, and drainage	(1)	(1)	1,615.67
1220	Water and sewer systems	3,640.00	3,640.00	4,164.60
1260	Electric wiring and fixtures	690.00	1,215.00	1,269.32
1280	Machinery and equipment	2,500.00	10,000.00	11,724.21
12	Total repairs and alterations	11,430.00	19,455.00	40,981.11
	Special and miscellaneous current expenses:			
1373	Laundry work	1,000.00	1,000.00	1,234.56
1378	Packing and crating (service)	19,840.00	12,500.00	8,463.00
1380	Miscellaneous and general purposes	60,825.00	36,681.00	31,361.56
1380	Preparation of camp sites, to Quartermaster General (25 cents per man-day)	45,500.00	41,846.00	37,443.00
13	Total special and miscellaneous current expenses	127,165.00	92,027.00	78,502.12
	Equipment (includes livestock):			
3010	Office equipment	14,800.00	14,800.00	13,940.19
3020	Educational and recreational equipment	2,500.00	2,500.00	4,539.71
3030	Arms, targets, and accessories	5,000.00	5,000.00	4,604.82
3050	Miscellaneous equipment	3,071.00	3,071.00	2,860.02
30	Total equipment	25,371.00	25,371.00	25,944.74
32	Construction of temporary camps, flooring for tents, etc	(1)	(1)	10,785.61
				499,002.73
	Unobligated balance			25,997.27
	Reserve		26,000.00	
	Total	1,534,169.00	858,100	525,000.00

[1] Amounts for these items included in item 1380, "Preparation of camp sites."

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount requiredor each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
MILITARY TRAINING OF CITIZENS		
Reserve Officers' Training Corps—		
For the procurement, maintenance, and issue, under such regulations as may be prescribed by the Secretary of War, to institutions at which one or more units of the Reserve Officers' Training Corps are maintained, of such public animals, means of transportation, supplies, tentage, equipment, and uniforms as he may deem necessary, including cleaning and laundering of uniforms and clothing at camps; and to forage, at the expense of the United States, public animals so issued, and to pay commutation in lieu of uniforms at a rate[, including renovating costs, not to exceed $7.15;] *to be fixed annually by the Secretary of War;* for transporting said animals and other authorized supplies and equipment from place of issue to the several institutions and training camps and return of same to place of issue when necessary; for purchase of training manuals, including Government publications *and blank forms;* for the establishment and maintenance of camps for the further practical instruction of the members of the Reserve Officers' Training Corps, and for transporting members of such corps to and from such camps, and to subsist them while traveling to and from such camps and while remaining therein so far as appropriations will permit or, in lieu of transporting them to and from such camps and subsisting them while en route, to pay them travel allowance at the rate of 5 cents per mile for the distance by the shortest usually traveled route from the places from which they are authorized to proceed to the camp and for the return travel thereto, and to pay the return travel pay in advance of the actual performance of the travel; for reimbursement for the use, including upkeep and depreciation costs, of supplies, equipment, and matériel furnished in accordance with law from stocks under the control of the War Department; for pay for students attending advanced camps at the rate prescribed for soldiers of the seventh grade of the Regular Army; for the payment of commutation of subsistence to members of the senior division of the Reserve Officers' Training Corps, at a rate not exceeding the cost of the garrison ration prescribed for the Army, as authorized in the act approved June 3, 1916, as amended by the act approved June 4, 1920; for medical and hospital treatment, subsistence until furnished transportation, and transportation when fit for travel to their homes of members of the Reserve Officers' Training Corps injured in line of duty while at camps of instruction under the provisions of section 47a and section 47d of the national defense act approved June 3, 1916, as amended; and for the cost of preparation and transportation to their homes and burial expenses of the remains of members of the Reserve Officers' Training Corps who die while attending camps of instruction as provided in section 4 of the act approved June 3, 1924; and for the cost of maintenance, repair, and operation of passenger-carrying vehicles, [$2,645,914] *$2,970,000*, to remain available until December 31, [1928] *1929*: *Provided*, That uniforms and other equipment or material issued to the Reserve Officers' Training Corps in accordance with law shall be furnished from surplus or reserve stocks of the War Department without payment from this appropriation, except for actual expense incurred in the manufacture or issue: *Provided further*, That in no case shall the amount paid from this appropriation for uniforms, equipment, or material furnished to the Reserve Officers' Training Corps from stocks under the control of the War Department be in excess of the price current at the time the issue is made: *Provided further*, That none of the funds appropriated in this act shall be used for the organization or maintenance of *an* additional *number of* mounted, motor transport, or tank units in the Reserve Officers' Training Corps: *Provided further*, That none of the funds appropriated elsewhere in this act, except for printing and binding *and pay and allowances of officers and enlisted men of the Regular Army*, shall be used for expenses in connection with the Reserve Officers' Training Corps: *Provided further*, That not to exceed [$15,000] *$100* of the total appropriated by this act may be expended for the transportation of authorized Reserve Officers' Training Corps students who may be competitors in the national rifle match, and to subsist them while traveling to and from said match and while remaining thereat (*U. S. C., p. 183, secs. 381, 382; p. 184, secs. 383, 384, 385, 387, 388, 390; p. 185, secs. 441, 443, 444; p. 186, sec. 454; act Feb. 23, 1927, vol. 44, p. 1134*)	$2,970,000.00	$2,645,914.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
[illegible]	Pay of students attending advanced Reserve Officers' Train-Corps camps	$211,680	$211,680	$211,680
[illegible]	Salaries and wages of civilian employees	25,149	25,137	25,948
01	Total	236,829	236,817	237,628

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Reserve Officers' Training Corps—Continued.					
Supplies and materials:					
0200 Stationery and office supplies	$15,373	$14,588	$15,000		
0210 Medical and hospital supplies	9,752	10,334	10,796		
0220 Scientific and educational supplies			640		
0230 Fuel	26,159	18,774	27,105		
0240 Clothing	957,285	940,310	918,160		
0250 Forage	179,100	185,089	178,933		
0260 Subsistence	211,680	215,568	211,680		
0270 Ammunition	185,251	100,000	86,251		
0280 Sundry supplies (incandescent lamps, operating supplies, badges, medals, cleaning materials)	37,098	40,315	35,000		
0290 Materials for instruction purpose			458		
02 Total supplies and materials	1,621,698	1,524,978	1,484,023		
03 Commutation of subsistence	1,027,101	1,213,995	1,168,347		
04 Subsistence and care of animals, etc. (service)	5,600	5,600	5,600		
Communication service:					
0500 Telegrams	170	60	25		
0510 Telephone service	80	27	62		
0520 Postage		200	250		
05 Total communication service	250	287	337		
Travel expenses:					
0600 Travel, members of Reserve Officers' Training Corps	5,000	5,000	3,142		
0600 Travel, allowance in lieu of transportation and subsistence	253,400	293,312	294,406		
0610 Street-car tickets	300	300	264		
0630 Per diem in lieu of subsistence	500	500	2,452		
06 Total travel expenses	259,200	299,112	300,264		
Transportation of things:					
0700 Transportation of animals	1,200				
0700 Transportation of supplies and equipment	45,140	32,000	40,000		
07 Total transportation of things (service)	46,340	32,000	40,000		
Furnishing of heat, light, power, water, and electricity (service):					
1010 Light, furnishing of	3,000	2,000	2,013		
1020 Electric power	3,000	1,600	1,243		
1030 Electric current for motion pictures			200		
1040 Water, furnishing of	1,000	1,500	1,684		
10 Total furnishing heat, light, power, water, etc	7,000	5,100	5,140		
11 Rental of grounds	544	544	544		
Repairs and alterations:					
1200 Buildings, flooring, framing for tents, screen doors, and window screens	31,839	31,839	33,540		
1210 Surfacing grounds and repairing roads, walks, and drainage	6,170	6,100	6,822		
1220 Repairing water and sewer systems	15,700	15,700	7,336		
1240 Repairs to bridges	100	100	100		
1260 Repairs and alterations to electric wiring and fixtures in structures	2,821	2,821	4,672		
1280 Machinery and equipment	145,057	104,000	170,000		
12 Total repairs and alterations	201,687	160,560	222,470		
Special and miscellaneous current expenses:					
1373 Laundry work (service)	25,500	28,800	25,000		
1375 Garbage, removal of	50	50	50		
1377 Veterinary treatment, etc	2,184	2,184	2,000		
1378 Packing and crating (service)	29,500	35,000	41,848		
13 Total special and miscellaneous current expenses	57,234	66,034	70,898		
Equipment (includes livestock):					
3000 Passenger-carrying vehicles		100	215		
3015 Mess equipment	3,744	7,272	7,272		
3018 Office equipment	3,440	2,114	2,200		
3020 Educational, scientific, and recreational equipment	15,350	14,600	14,265		
3030 War equipment (arms, targets, machine guns, rifles, and special miscellaneous war equipment)	123,570	107,228	105,647		
3040 Horses	16,500				
3050 Other equipment (camp and garrison equipage, organization equipment, harness and horse equipment)	40,063	23,503	20,207		
30 Total equipment	202,667	154,817	149,806		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Reserve Officers' Training Corps—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Structures and parts, etc.:			
3210	Camps, temporary construction of, including flooring and framing for tents	$3,833	$3,833	$4,159
3210	Water and sewer systems	15	15	15
3210	Fixed electrical fixtures and wire transmission			758
32	Total structures and parts, etc	3,850	3,850	4,932
	Reserve		3,703,694 700,000	
	Total	3,670,000	4,403,694	3,689,989

NOTE.—Expenditures for 1927 are less than the appropriation for that year, due to a carry-over into 1928, this being an 18 months' appropriation.
Estimated expenditures for 1928 are in excess of the appropriation for that year, due to anticipated expenditures to be made from a balance carried over from 1927.
Estimate for 1929 is $2,970,000, but the estimated expenditures for that year will be $700,000 in excess of the amount of the estimate, due to a carry-over of the reserve from 1928.

Military Supplies and Equipment for Schools and Colleges—

For the procurement and issue as provided in section 55c of the act approved June 4, 1920, and in section 1225, Revised Statutes, as amended, under such regulations as may be prescribed by the Secretary of War, to schools and colleges, other than those provided for in section 40 of the act above referred to, of such arms, tentage, and equipment, and of ammunition, targets, and target materials, including the transporting of same, and the overhauling and repair of [personal equipments, machine-gun outfits, and horse equipments, and targets and target equipment] *articles issued*, as the Secretary of War shall deem necessary for proper military training in said schools and colleges, $8,900 [: *Provided*, That no part of this appropriation shall be expended for the purchase of arms or other ordnance equipment] (*U. S. C., p. 184, sec. 389; act Feb. 23, 1927, vol. 44, p. 1135*) $8,900.00 $8,900.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Supplies and materials:			
0270	Ammunition	$5,000	$5,700	
0280	Sundry supplies (cleaning materials and target practice)	800	1,200	$480
02	Total supplies and materials	5,800	6,900	480
07	Transportation of supplies and equipment	1,200	1,200	700
12	Machinery and equipment	1,200		
13	Packing and crating (service)	700	700	300
30	Sundry equipment (small arms accessories and spare parts)		100	100
				1,580
	Unobligated balance			1,027
	Total	8,900	8,900	2,607

Citizens' Military Training Camps—

For furnishing, at the expense of the United States, to warrant officers, enlisted men, and civilians attending training camps maintained under the provisions of section 47d of the national defense act of June 3, 1916, as amended by the act of June 4, 1920, uniforms, including altering, fitting, washing, and cleaning when necessary, subsistence, and transportation, or in lieu of such transportation and of subsistence for travel to and from camps travel allowances at 5 cents per mile, as prescribed in said section 47d; for such expenditures as are authorized by said section 47d as may be necessary for the establishment and maintenance of said camps, including recruiting and advertising therefor, and the cost of maintenance, repair, and operation of passenger-carrying vehicles; for reimbursement for the use, including upkeep and depreciation costs, of supplies, equipment, and matériel furnished in accordance with law from stocks under the control of the War Department; for gymnasium and athletic supplies (not exceeding $15,000); for mileage, reimbursement of traveling expenses, or allowance in lieu thereof as authorized by law, for officers of the Regular Army and Organized Reserves, traveling on duty in connection with citizens' military training camps; for purchase of training manuals, including Government publications *and blank forms;*

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount raquired for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Citizens' Military Training Camps—Continued. for medical and hospital treatment, subsistence until furnished transportation, and, [transportation] when fit for travel, *travel allowances at 5 cents per mile* to their homes of members of the citizens' military training camps injured in line of duty while attending camps of instruction under the provisions of section 47a and section 47d of the national defense act approved June 3, 1916, as amended, and for the cost of preparation and transportation to their homes and burial expenses of the remains of civilians who die while attending camps of instruction, as provided in section 4 of the act approved June 3, 1924; in all, [$2,801,240] *$2,561,240*, to remain available until December 31, [1928] *1929: Provided*, That the funds herein appropriated shall not be used for the training of any person in the first year, or lowest course, who shall have reached his twenty-fourth birthday before the date of enrollment: *Provided further*, That none of the funds appropriated elsewhere in this act except for printing and binding *and for pay and allowances of officers and enlisted men of the Regular Army* shall be used for expenses in connection with citizens' military training camps: *Provided further*, That uniforms and other equipment or matériel furnished in accordance with law for use at citizens' military training camps shall be furnished from surplus or reserve stocks of the War Department without payment from this appropriation, except for actual expense incurred in the manufacture or issue: *Provided further*, That in no case shall the amount paid from this appropriation for uniforms, equipment, or matériel furnished in accordance with law for use at citizens' military training camps from stocks under control of the War Department be in excess of the price current at the time the issue is made. Under the authorizations contained in this act no issues of reserve supplies or equipment shall be made where such issues would impair the reserves held by the War Department for two field armies or one million men (*U. S. C., p. 185, sec. 442; p. 186, sec. 454; act Feb. 23, 1927, vol. 44, p. 1135*)	$2,561,240.00	$2,801,240.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
01	Salaries and wages	$148,830.00	$174,938.00	$185,353.12
	Supplies and materials:			
0200	Stationery and office supplies	23,700.00	21,100.00	24,505.82
0210	Medical and bospital supplies	9,050.00	11,850.00	10,985.56
0220	Scientific and educational supplies	1,000.00	1,000.00	812.19
0230	Fuel	48,794.00	[1] 55,224.00	49,954.13
0240	Clothing	203,100.00	[1] 213,345.00	216,323.13
0270	Ammunition	114,600.00	[1] 127,869.00	71,083.63
0280	Sundry supplies	56,907.00	[1] 54,234.00	61,715.42
02	Total supplies and materials	457,151.00	[1] 484,622.00	435,379.88
	Subsistence and support of persons (service):			
0300	Subsistence, citizens' military training camps candidates in camp	630,000.00	[1] 714,000.00	739,075.00
0340	Subsistence, commutation of		4,860.00	
03	Total subsistence and support of persons	630,000.00	[1] 718,860.00	739,075.00
04	Care of vehicles, service	900.00	900.00	121.00
	Communication service:			
0500	Telegrams	1,350.00	1,500.00	1,192.77
0510	Telephone service	1,060.00	1,500.00	1,201.06
0520	Postage	2,700.00	3,000.00	2,995.61
05	Total communication service	5,110.00	6,000.00	5,389.44
	Travel expenses:			
0600	Travel, citizens' military training camps candidates in lieu of transportation and subsistence	659,600.00	[1] 802,000.00	774,750.08
0610	Street-car and bus tickets	900.00	900.00	850.84
0620	Mileage to officers	45,000.00	40,000.00	40,468.49
0630	Travel per diem in lieu of subsistence	18,000.00	20,000.00	22,249.82
0690	Tolls and ferriages	400.00	200.00	313.89
06	Total travel expenses	723,900.00	[1] 863,100.00	838,633.12
	Transportation of supplies and equipment:			
0700	Freight	18,533.00	21,500.00	20,216.97
0710	Express	1,945.00	3,000.00	1,974.43
0720	Parcel post	1,297.00	1,900.00	1,141.62
07	Total transportation of supplies and equipment	21,775.00	26,400.00	23,333.02
	Printing and binding, etc.:			
0800	Printing and binding	7,065.00	8,500.00	14,475.67
0810	Lithographing and engraving	8,500.00	8,500.00	8,997.97
08	Total printing and binding, etc	15,565.00	17,000.00	23,473.64
09	Advertising	2,030.00	2,000.00	2,097.24

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Citizens' Military Training Camps—Continued.					
Furnishing heat, light, power, water, and electricity:					
1010 Light	$6,214.00	$7,000.00	$5,999.36		
1020 Power	15,200.00	16,000.00	15,503.63		
1040 Water	8,300.00	8,500.00	8,788.28		
10 Total furnishing heat, light, power, water, etc	29,714.00	31,500.00	30,291.27		
Rents:					
1100 Rental of offices	5,350.00	4,850.00	4,590.33		
1110 Rental of grounds	1,800.00	2,165.00	2,596.76		
11 Total rents	7,150.00	7,015.00	7,187.09		
Repairs and alterations:					
1200 Barracks, quarters, administration, and office buildings, etc	115,700.00	[1] 103,025.00	120,838.68		
1210 Grounds, roads, walks, and drainage	26,680.00	20,000.00	24,058.82		
1220 Water and sewer systems	16,620.00	48,000.00	44,005.80		
1240 Bridges, piers, and wharves	1,000.00	1,000.00	1,096.70		
1260 Electric wiring and fixtures	14,000.00	9,500.00	6,898.32		
1280 Machinery and equipment	62,379.00	[1] 79,975.00	80,816.19		
12 Total repairs and alterations	236,379.00	[1] 261,500.00	277,714.51		
Special and miscellaneous current expenses:					
1373 Laundry work	74,750.00	85,000.00	80,852.14		
1375 Removal of garbage	250.00	250.00	439.50		
1377 Hospital care and treatment, including nursing	9,000.00	10,000.00	10,576.25		
1378 Packing and crating	10,000.00	11,000.00	13,502.33		
13 Total special and miscellaneous current expenses	94,000.00	106,250.00	105,370.22		
22 Burial expenses	600.00	300.00	966.34		
Equipment:					
3010 Office equipment	3,125.00	3,950.00	10,770.97		
3016 Rentals	141,131.00	68,405.00	57,834.11		
3021 Educational equipment	530.00	500.00	560.22		
3022 Scientific equipment	250.00	750.00	247.39		
3023 Recreational equipment	4,100.00	6,250.00	5,794.93		
3030 Ordnance and permanent target range equipment	6,000.00	6,000.00	6,213.09		
3050 Sundry equipment (ranges, tentage, tools, etc.)	13,000.00	20,000.00	18,647.62		
30 Total equipment	168,136.00	105,855.00	100,068.33		
32 Structures and parts and nonstructural improvements to lands (temporary camp construction, flooring, and framing tents, etc.)	20,000.00	20,000.00	19,269.06		
		[1] 2,826,240.00	2,793,722.28		
Less amount to be carried over from fiscal year 1927		125,000.00			
		2,701,240.00	2,793,722.28		
Unobligated balance			13,748.72		
Reserve		100,000.00			
Total	2,561,240.00	2,801,240.00	2,807,471.00		

[1] Incomplete, part of the estimated expenditure being held in the reserve.

Total, military training of citizens	$5,540,140.00	$5,456,054.00

NATIONAL BOARD FOR PROMOTION OF RIFLE PRACTICE

Quartermaster Supplies and Services for Rifle Ranges for Civilian Instruction—

To establish and maintain indoor and outdoor rifle ranges for the use of all able-bodied males capable of bearing arms under reasonable regulations to be prescribed by the National Board for the Promotion of Rifle Practice and approved by the Secretary of War; for the employment of labor in connection with the establishment of outdoor and indoor rifle ranges, including labor in operating targets; for the employment of instructors; for clerical services, including not exceeding $20,000 in the District of Columbia; for badges and other insignia; for the transportation of employees, instructors, and civilians to engage in practice; for the purchase of materials, supplies, and services, and for expenses incidental to instruction of citizens of the United States in marksmanship, and their participation in national and international matches, to be expended under the direction of the Secretary of War, and to remain available until expended, [$110,690] *$6,875*[: *Provided*, That out of this appropriation there may be expended not to exceed $80,000 for the payment of transportation, for supplying meals, or furnishing commutation of subsistence of civilian rifle teams authorized by the Secretary of War to participate in the national matches] (*U. S. C., p. 1045, secs. 181, 185; act Feb. 23, 1927, vol. 44, p. 1136*) 6,875.00 110,690.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Quartermaster Supplies and Services for Rifle Ranges for Civilian Instruction—Con.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Field service:			
	Salaries and wages—	*Average—*	*Average—*	*Average—*
	Salary range, $1,860 to $2,400; average, $2,100—	*No.* *Salary*	*No.* *Salary*	*No.* *Salary*
	Senior clerk	1 $2,100	1 $2,100	
	Salary range, $1,680 to $2,040; average, $1,860—			1 $2,023
	Senior clerk			
	Clerk-stenographer	5 1,800	5 1,800	5.3 1,765
	Salary range, $1,500 to $1,860; average, $1,680—			
	Clerk-stenographer	2 1,680	2 1,680	2 1,564
	Salary range, $1,320 to $1,620; average, $1,500—			
	Clerk-typist	2 1,500	2 1,500	2 1,405
	Salary range, $1,140 to $1,500; average, $1,320—			
	Clerk-typist	1 1,320	1 1,320	0.9 1,320
	Salary range, $1,020 to $1,260; average, $1,140—			
	Messenger	1 1,140	1 1,140	
	Temporary employees	250	8,940	285
	Total average number of employees	12	12	11.2
01	Total salaries and wages, field service	20,250.00	28,940.00	18,795.67
	The difference between 1929 and 1928 is due to decrease in temporary force, $8,690.			
	Supplies and materials:			
0213	Chemicals for purification of water		100.00	
0250	Forage for animals		120.00	
0230	Fuel for cooking		1,250.00	
0230	Gas and lubricants for motor vehicles	50.00	2,125.00	
0230	Gas and oil for incinerators, pumping plant, etc		1,200.00	
0284	Ice for offices		200.00	
0201	Stationery	750.00	800.00	
0284	Badges, medals, insignia, etc	9,000.00	9,000.00	1,621.24
0282	Cleaning and preserving materials	50.00	25.00	
0282	Maintenance supplies (fire apparatus)		25.00	
0282	Operating supplies (waste, oil, grease, etc.)		25.00	
0284	Packing and crating supplies		150.00	
0210	Crude oil and lime		100.00	
0202	Sundry office supplies	1,400.00	1,500.00	364.92
0280	Supplies not listed specifically		160.00	
02	Total supplies and materials	11,250.00	16,780.00	1,986.16
	Communication service:			
0521	Postage		10.00	
0500	Telegraph service	25.00	75.00	
0510	Telephone service	100.00	150.00	54.17
05	Total communication service	125.00	235.00	54.17
	Travel expenses:			
	Travel expenses and commutation of subsistence of civilian teams at national matches		50,000.00	1,242.09
	Travel expenses of civilian employees	500.00	1,000.00	215.91
	Travel expenses of citizens of United States at international competitions	4,000.00		2,460.79
06	Total travel expenses	4,500.00	51,000.00	3,918.79
	Transportation of things:			
	Transportation of national board supplies	350.00	350.00	81.66
	Not listed specifically		250.00	
07	Total transportation of things	350.00	600.00	81.66
08	Engraving and engrossing	50.00	50.00	14.82
	Repairs and alterations:			
1200	Barracks, quarters, and buildings		6,000.00	
1210	Target range grounds		500.00	
1220	Water and sewer system		2,040.00	
1260	Nonstructural (electrical)		175.00	
1280	Electrical equipment		175.00	
1280	Incinerator equipment		50.00	
1280	Office equipment	100.00	100.00	80.25
1280	Plant equipment (pumping)		300.00	
1280	Targets and accessories		650.00	
1280	Tools and implements		25.00	
1280	Typewriters	100.00	250.00	54.05
1280	Motor vehicles		600.00	
12	Total repairs and alterations	200.00	10,865.00	134.30
	Special and miscellaneous current expenses:			
1373	Towel service (nonpersonal)	60.00	60.00	46.80
1373	Laundry service (nonpersonal)		250.00	
1380	Not listed specifically		250.00	
13	Total special and miscellaneous current expenses	60.00	560.00	46.80
	Equipment:			
3010	Office	500.00	1,000.00	1,881.47
3053	Telephone material for phone system		245.00	
3059	Tools and implements (lawn)		125.00	
3017	Typewriters	90.00	240.00	110.00
3010	Not listed specifically		50.00	
30	Total equipment	590.00	1,660.00	1,991.47
				27,023.84
	Reserve			3,000.00
	Total	37,375.00	110,690.00	30,023.84

NOTE.—The estimated expenditure in 1929 in excess of the estimate for that year to be made from unexpended balances of prior years.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
National Trophy and Medals for Rifle Contests—		
[For the purpose of furnishing a national trophy and medals and other prizes to be provided and contested for annually, under such regulations as may be prescribed by the Secretary of War, said contest to be open to the Army, Navy, Marine Corps, and the National Guard or Organized Militia of the several States, Territories, and of the District of Columbia, members of rifle clubs, and civilians, and for the cost of the trophy, prizes, and medals herein provided for, and for the promotion of rifle practice throughout the United States, including the reimbursement of necessary expense of members of the National Board for the Promotion of Rifle Practice, to be expended for the purposes hereinbefore prescribed, under the direction of the Secretary of War, $7,500.]		
For furnishing a national trophy, medals, prizes, and other necessary expenses for the promotion of rifle practice throughout the United States in accordance with the provisions of the act approved February 14, 1927 (acts Feb. 14, 1927, vol. 44, p. 1095; Feb. 23, 1927, vol. 44, p. 1137)	$7,500.00	$7,500.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Supplies and materials:			
0222 Books, pamphlets, journals, etc	$1,250.00	$1,250.00	$750.00
0284 Badges, trophies, prizes, medals, etc	5,000.00	5,000.00	2,697.43
02 Total supplies and materials	6,250.00	6,250.00	3,447.43
06 Travel expenses (members National Board for Promotion of Rifle Practice)	1,250.00	1,250.00	1,401.89
	7,500.00	7,500.00	4,849.32
Unobligated balance			2,150.68
Total	7,500.00	7,500.00	7,000.00

Ordnance Equipment for Rifle Ranges for Civilian Instruction—	
For arms, ammunition, targets, and other accessories for target practice, for issue and sale in accordance with rules and regulations prescribed by the National Board for the Promotion of Rifle Practice and approved by the Secretary of War, in connection with the encouragement of rifle practice, in pursuance of the provisions of law (*U. S. C., p. 1045, sec. 181; act Feb. 23, 1927, vol. 44, p. 1137*)	200,000.00 241,650.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
02 Supplies and materials (ammunition)	$155,100.00	$154,650.00	$7,664.50
07 Transportation of things		1,000.00	
12 Repairs and alterations	17,400.00	60,000.00	
13 Special and miscellaneous current expenses, packing and handling	9,000.00	6,000.00	307.25
30 Equipment (arms, targets, and accessories)	18,500.00	20,000.00	942.03
			8,913.78
Unobligated balance			86.22
Total	200,000.00	241,650.00	9,000.00

No part of the appropriations made in this act shall be available for the salary or pay of any officer, manager, superintendent, foreman, or other person having charge of the work of any employee of the United States Government while making or causing to be made with a stop watch, or other time-measuring device, a time study of any job of any such employee between the starting and completion thereof, or of the movements of any such employee while engaged upon such work; nor shall any part of the appropriations made in this act be available to pay any premiums or bonus or cash reward to any employee in addition to his regular wages, except for suggestions resulting in improvements or economy in the operation of any Government plant.

Equipment or material purchased outside of the United States from funds appropriated in this act shall be admitted free of duty.

Total under National Board for Promotion of Rifle Practice	214,375.00	359,840.00
Total, military activities other than Regular Army	42,101,098.00	39,772,492.00
Total, Military Establishment and departmental	310,902,655.00	282,118,885.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
NONMILITARY ACTIVITIES		
FINANCE DEPARTMENT		
Annuity to Jennie Carroll—		
For amount required to make monthly payments to Jennie Carroll, widow of James Carroll, late major, United States Army (*acts May 23, 1908, vol. 35, p. 499; Feb. 23, 1927, vol. 44, p. 1137*)	$1,500.00	$1,500.00
21 Annuity: Expenditures—1929, $1,500; 1928, $1,500; 1927, $1,500.		
Annuity to Mabel H. Lazear—		
For amount required to make monthly payments to Mabel H. Lazear, widow of Jesse W. Lazear, late acting assistant surgeon, United States Army (*acts May 23, 1908, vol. 35, p. 499; Feb. 23, 1927, vol. 44, p. 1137*)	1,500.00	1,500.00
21 Annuity: Expenditures—1929, $1,500; 1928, $1,500; 1927, $1,500.		
Annuity to John R. Kissinger—		
For amount required to make monthly payments to John R. Kissinger, late of Company D, One hundred and fifty-seventh Indiana Volunteer Infantry, also late of the Hospital Corps, United States Army (*acts Feb. 5, 1911, vol. 36, p. 1300; Feb. 23, 1927, vol. 44, p. 1138*)	1,200.00	1,200.00
21 Annuity: Expenditures—1929, $1,200; 1928, $1,200; 1927, $1,200.		
Annuity to Clyde L. West—		
For amount required to make monthly payments to Clyde L. West, late of Company B, Eighth Infantry, and Hospital Corps, United States Army (*acts July 3, 1926, vol. 44, p. 297; Feb. 23, 1927, vol. 44, p. 1138*)	1,200.00	1,200.00
21 Annuity: Expenditures—1929, $1,200; 1928, $1,200; 1927, $1,193.33.		
Extra Pay to Regular Army, War with Spain (*act Mar. 3, 1899, vol. 30, p. 1073*)	125.00	
01 Pay: Expenditures—1929, $125; 1928, $125; 1927, $92.40.		
Extra Pay to Volunteers, War with Spain (*acts Jan. 12, 1899, vol. 30, p. 784; Mar. 3, 1899, vol. 30, p. 1073; May 26, 1900, vol. 31, p. 217*)	750.00	
01 Pay: Expenditures—1929, $750; 1928, $750; 1927, $994.99.		
Total under Finance Department	6,275.00	5,400.00
QUARTERMASTER CORPS		
NATIONAL CEMETERIES		
National Cemeteries—		
For maintaining and improving national cemeteries, including fuel for superintendents, pay of superintendents, including the superintendent at Mexico City, laborers and other employees, purchase of tools and materials, and including care and maintenance of the Arlington Memorial Amphitheater and Chapel and grounds in the Arlington National Cemetery, Virginia, and permanent American military cemeteries abroad (*U. S. C., p. 686, sec. 274; p. 687, sec. 278; act Feb. 23, 1927, vol. 44, p. 1138*)	520,325.00	539,132.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries—	*Average*—		*Average*—		*Average*—	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $2,700 to $3,300; average, $3,000—						
Civil engineer	1	$3,000	1	$3,000	1	$3,000
Salary range, $1,860 to $2,400; average, $2,100—						
Senior clerk	2	2,400	2	2,400	2	2,400
Landscape gardener	1	2,400	1	2,400	1	2,400
Clerk	1	2,100	1	2,100	1	2,100
Inspector	1	1,920	1	1,920	1	1,920
Salary range, $1,680 to $2,040; average, $1,860—						
Draftsman	1	1,860	1	1,860	1	1,860
Clerk	2	1,800	2	1,800	2	1,800
Superintendent (St. Augustine)	1	1,980	1	1,980	1	1,980
Superintendent (Mexico City)	1	1,920	1	1,920	1	1,920
Superintendent (Arlington)	1	1,860	1	1,860	1	1,860
Salary range, $1,500 to $1,860; average, $1,680—						
Clerk	3	1,500	3	1,500	3	1,500
Caretaker (cemeteries in Europe)	7	1,680	7	1,680	7	1,680
Salary range, $1,320 to $1,680; average, $1,500—						
Skilled laborer	5	1,440	5	1,440	5	1,440
Clerk	4	1,295	4	1,295	4	1,295
Foreman	1	1,344	1	1,344	1	1,344
Caretaker (Europe)	1	1,320	1	1,320	1	1,320
Assistant caretaker (Europe)	1	1,320	1	1,320	1	1,320
Laborer	1	1,320	1	1,320	1	1,320

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

National Cemeteries—Continued.

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Field service—Continued.						
	Salaries—Continued.	*Average—*		*Average—*		*Average—*	
	Salary range, $1,140 to $1,500; average, $1,320—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Superintendent of national cemeteries (class 1)	29	$1,260	29	$1,260	29	$1,260
	Superintendent of national cemeteries (class 2)	18	1,200	18	1,200	18	1,200
	Senior laborer	1	1,200	1	1,200	1	1,200
	Superintendent of national cemeteries (class 3)	4	1,140	4	1,140	4	1,140
	Clerk	1	1,140	1	1,140	1	1,140
	Skilled laborer	7	1,140	7	1,140	7	1,140
	Laborer (temporary)	15	1,140	15	1,140	15	1,140
	Salary range, $1,020 to $1,260; average, $1,140—						
	Superintendent of national cemeteries (class 4)	23	1,080	23	1,080	22	1,080
	Laborer (temporary)	20	1,080	20	1,080	20	1,080
	Salary range, $780 to $1,020; average, $900—						
	Laborer (temporary)	102	968	102	968	102	968
	Gardener	12	960	12	960	13	960
	Skilled laborer	3	900	3	900	3	900
	Gravedigger	16	840	16	840	16	840
	Watchman	10	780	10	780	10	780
	Salary range, $240 and less—						
	Caretaker	10	69	10	69	10	69
	Total average number of employees	306		306		306	
	Total salaries and wages, field service		330,779		330,779		330,659
	Deduct allowance value of quarters furnished		11,220		11,220		11,100
01	Cash payment, salaries and wages		319,559		319,559		319,559
	Supplies and materials:						
0200	Stationery and office supplies		409		409		673
0230	Fuel		14,999		14,999		16,448
0230	Gas and oil for incinerators, pumping plants, and lawn mowers		3,910		3,910		
0250	Forage		9,375		9,375		9,414
0250	Shoeing animals		921		921		1,056
0280	Flags and halyards		1,772		1,776		1,596
0280	Lawn mowers, tools, implements, hose, etc., purchase		4,221		3,312		5,092
0280	Materials (nonstructural) purchase of		2,000		2,085		2,085
0280	Motor oils, fuel, and like products (Europe)		3,165		3,500		
02	Total supplies and materials		40,772		40,287		36,369
	Communication service:						
0500	Telegrams and cablegrams		305		305		552
0501	Telephone service		1,000		1,000		1,000
05	Total communication service		1,305		1,305		1,552
	Travel expenses:						
0600	Superintendent, transportation of		600		600		900
0600	Inspector, transportation of		100		100		1,000
0630	Superintendent, per diem allowance while on travel status		100		100		100
0630	Inspector, per diem allowance while on travel status		124		124		100
06	Total travel expenses		924		924		2,100
	Transportation of things (service):						
0700	Superintendent's effects, transportation of		300		300		400
0700	Supplies, transportation of		482		804		951
07	Total transportation of things (service)		782		1,104		1,351
10	Furnishing of light (service)		820		820		820
11	Rent (Europe)		2,400		2,400		555
	Repairs and alterations:						
1200	Buildings, repair of		47,494		11,449		31,990
1210	Drives, walks, and drains, repair of		30,225		26,633		22,847
1220	Water and sewer systems, repair of		4,179		2,692		5,000
1250	Walls, fences, gates, etc., repair of		24,368		2,272		7,987
1250	Flagstaffs, monuments, tablets, etc., repair of		1,999		1,453		2,067
1280	Equipment, repair of		2,485		2,641		7,307
1280	Vehicles, motor-driven, passenger-carrying, of repair		1,000		1,000		
1280	Vehicles, motor-driven (excluding passenger-carrying), repair of		1,000		1,000		
12	Total repairs and alterations		112,750		49,140		77,198
	Special and miscellaneous current expenses:						
1310	License fees (Europe)		737		700		
1360	Water rent		2,470		2,216		1,817
13	Total miscellaneous and current expenses		3,207		2,916		1,817
	Equipment:						
3051	Equipment, installation of				16,508		5,240
3059	Equipment, not otherwise specified, procurement of		2,826		2,826		
3059	Flagstaffs, procurement and installation of				5,740		
30	Total equipment		2,826		25,074		5,240

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

National Cemeteries—Continued

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Structures and parts and nonstructural improvements to land:			
3211 Buildings, construction of	$24,000	$78,890	
3212 Drives, walks, and drains, construction of		4,751	
3213 Water and sewer systems, construction of			
3217 Fences, walls, etc., construction of			$2,500
3220 Nonstructural improvements to land	10,980	11,962	30,633
32 Total structures and parts, etc	34,980	95,603	33,133
			479,694
Unobligated balance			3,466
Total	520,325	539,132	483,160

Repairing Roads to National Cemeteries—

For repairs to roadways to national cemeteries which have been constructed by special authority of Congress, $15,000: *Provided*, That no railroad shall be permitted upon the right of way which may have been acquired by the United States to a national cemetery, or to encroach upon any roads or walks constructed thereon and maintained by the United States: *Provided further*, That no part of this sum shall be used for repairing any roadway not owned by the United States within the corporate limits of any city, town, or village (*U. S. C., p. 687, see. 278; act Feb. 23, 1927, vol. 44, p. 1138*) $15,000.00 $15,000.00

No part of any appropriation for national cemeteries or the repair of roadways thereto shall be expended in the maintenance of more than a single approach to any national cemetery (*same acts*).

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Repairs and maintenance of approach roads to:			
Antietam, Md., National Cemetery	$2,000	$640	$857
Balls Bluff, Va., National Cemetery	600	750	1,950
Barrancas, Fla., National Cemetery	3,281	2,844	1,833
Chalmette, La., National Cemetery	142	150	145
Chattanooga, Tenn., National Cemetery	497		
Culpeper, Va., National Cemetery	300	500	68
Florence, S. C., National Cemetery	2,509	1,500	2,275
Fort Donelson, Tenn., National Cemetery	1,200	2,415	3,575
Natchez, Miss., National Cemetery	611	4,111	3,307
New Bern, N. C., National Cemetery	240	200	100
Port Hudson, La., National Cemetery	380	290	90
Salisbury, N. C., National Cemetery	240	100	200
Springfield, Mo., National Cemetery	3,000	1,500	600
12 Total	15,000	15,000	15,000

Headstones for Graves of Soldiers—

For continuing the work of furnishing headstones of durable stone or other durable material for unmarked graves of Union and Confederate soldiers, sailors, and marines, and soldiers, sailors, and marines of all other wars in national, post, city, town, and village cemeteries, naval cemeteries at navy yards and stations of the United States, and other burial places, under the acts of March 3, 1873, February 3, 1879, and March 9, 1906; continuing the work of furnishing headstones for unmarked graves of civilians interred in post cemeteries under the acts of April 28, 1904, and June 30, 1906; and furnishing headstones for the unmarked graves of Confederate soldiers, sailors, and marines in national cemeteries (*U. S. C., p. 687, secs. 279, 280; act Feb. 23, 1927, vol. 44, p. 1138*) 140,000.00 235,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average*—		*Average*—		*Average*—	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $1,680 to $2,040; average, $1,860—						
Headstone inspector	1	$1,860	1	$1,860	1	$1,860
Salary range, $1,320 to $1,680; average, $1,500—						
Headstone clerk	1	1,500	1	1,500	1	1,500
Total average number of employees	2		2		2	
01 Total salaries and wages, field service		3,360		3,360		3,360
02 Headstones, procurement of		109,584		183,833		134,169
06 Travel expenses		100		100		100
07 Transportation of headstones		26,612		47,345		31,825
13 Special and miscellaneous current expenses		344		362		546
Total		140,000		235,000		170,000

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Antietam Battle Field, Preservation—		
For repair and preservation of monuments, tablets, observation tower, roads, and fences, and so forth, made and constructed by the United States upon public lands within the limits of the Antietam battle field, near Sharpsburg, Maryland, and for pay of superintendent, said superintendent to perform his duties under the direction of the Quartermaster Corps and to be selected and appointed by the Secretary of War, at his discretion, the person selected for this position to have been either a commissioned officer or enlisted man who has been honorably mustered out or discharged from the military service of the United States and who may have been disabled for active field service in line of duty (*act Feb. 23, 1927, vol. 44, p. 1138*)	$6,500.00	$6,500.00

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:							
Salaries and wages—		*Average*—		*Average*—		*Average*—	
Salary range, $1,680 to $2,040; average, $1,860—		*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Superintendent in charge		1	$1,740	1	$1,740	1	$1,740
Salary range, $900 to $1,140; average, $1,020—							
Laborer (temporary)		3	1,020	3	1,020	3	1,020
Total average number of employees		4		4		4	
01 Total salaries and wages, field service			4,782		4,782		4,782
Supplies and materials:							
0230 Fuel			100		100		100
0290 Materials			1,220		1,225		1,225
02 Total supplies and materials			1,320		1,325		1,325
Travel expenses:							
0615 Transportation			50		50		50
0616 Subsistence			48		50		50
06 Total travel expenses			98		100		100
12 Repairs and alterations			300		293		293
Total			6,500		6,500		6,500

Disposition of Remains of Officers, Soldiers, and Civilian Employees—		
Disposition of remains of officers, soldiers, and civilian employees: For interment, cremation (only upon request from relatives of the deceased), or of preparation and transportation to their homes or to such national cemeteries as may be designated by proper authority, in the discretion of the Secretary of War, of the remains of officers, cadets, United States Military Academy, acting assistant surgeons, members of the Army Nurse Corps, and enlisted men in active service, and accepted applicants for enlistment; for interment or preparation and transportation to their homes of the remains of civilian employees of the Army in the employ of the War Department who die abroad, in Alaska, in the Canal Zone, or on Army transports, or who die while on duty in the field; for interment of military prisoners who die at military posts; for the interment and shipment to their homes of remains of enlisted men who are discharged in hospitals in the United States and continue as inmates of said hospitals to the date of their death; for interment of prisoners of war and interned alien enemies who die at prison camps in the United States; *for recovery of bodies;* for removal of remains from abandoned posts to permanent military posts or national cemeteries, including the remains of Federal soldiers, sailors, or marines interred in fields, abandoned graves, or abandoned private and city cemeteries; and in any case where the expenses of burial or shipment of the remains of officers or enlisted men of the Army who die on the active list, are borne by individuals, where such expenses would have been lawful claims against the Government, reimbursement to such individuals may be made of the amount allowed by the Government for such services out of this sum, but no reimbursement shall be made of such expenses incurred prior to July 1, 1910; for expenses of the segregation of bodies in permanent American cemeteries in Great Britain and France: *Provided*, That the above provisions shall be applicable in the cases of officers and enlisted men on the retired list of the Army who have died or may hereafter die while on active duty by proper assignment (*act Feb. 23, 1927, vol. 44, p. 1138*)	100,000.00	100,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Disposition of Remains of Officers, Soldiers, and Civilian Employees—Continued.

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Field service:						
	Salaries and wages—	*Average—*		*Average—*		*Average—*	
	Salary range, $2,400 to $3,000; average, $2,700—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Superintendent and undertaker of morgue	1	$2,490	1	$2,490	1	$2,490
	Salary range, $1,680 to $2,040; average, $1,860—						
	Assistant undertaker	1	1,840	1	1,840	1	1,840
	Embalmer	1	1,800	1	1,800	1	1,800
	Salary range, $780 to $1,020; average, $900—						
	Morgue clerk	1	780	1	780	1	780
	Salary range, $420 to $600; average, $510—						
	Laborer	1	540	1	540	1	540
	Salary range, $240 to $420; average, $330—						
	Laborer (temporary)	6	360	6	360	6	360
	Gloveman (temporary)	2	300	2	300	2	300
	Total average number of employees	13		13		13	
01	Total salaries and wages, field service		10,210		10,210		10,100
	Supplies and materials:						
	0282 Embalming supplies, caskets, coffins, etc., Philippine Islands		3,105		1,500		2,000
	0282 Embalming supplies, caskets, coffins, etc., Hawaii		750				
	0282 Embalming supplies, caskets, coffins, etc., United States		499		1,000		1,214
02	Total supplies and materials		4,354		2,500		3,214
06	Communication service, telegrams, cablegrams, etc.		245		250		250
	Travel expenses:						
	0600 Transportation of escorts of remains, including lodgings when necessary		14,056		14,000		14,000
	0600 Transportation of civilian employees		150		150		50
	0630 Per diem allowance in lieu of subsistence		50		50		40
06	Total travel expenses		14,256		14,200		14,090
	Transportation of things (service):						
	0700 Transportation of supplies		200		500		232
	0770 Transportation of remains		27,740		28,164		28,164
07	Total transportation of things (service)		27,940		28,664		28,396
	Special and miscellaneous expenses:						
	1380 Removal of remains from abandoned posts		12,175		15,000		15,000
	1380 Reimbursement of expenses of burial or shipment of remains		100		100		100
	1380 Preparation, under contract with undertakers, of remains in the various corps areas		30,420		28,776		28,510
	1380 Care of graves of officers and enlisted men		70		70		70
13	Total special and miscellaneous current expenses		42,765		43,946		43,680
31	Purchase of grave sites for officers and enlisted men		230		230		160
	Unobligated balance						99,890
							110
	Total		100,000		100,000		100,000

Confederate Mound, Oakwood Cemetery, Chicago, Ill.—

Confederate Mound, Oakwood Cemetery, Chicago, Illinois: For care, protection, and maintenance of the plat of ground known as Confederate Mound, in Oakwood Cemetery, Chicago, Illinois (*act Feb. 23, 1927, vol. 44, p. 1139*) ..... $500.00 | $500.00

32 For care, protection, and maintenance: Expenditures—1929, $500; 1928, $500; 1927, $500.

Confederate Stockade Cemetery, Johnstons Island, Sandusky Bay, Ohio—

For care, protection, and maintenance of Confederate Stockade Cemetery, Johnstons Island, in Sandusky Bay, Ohio (*act Feb. 23, 1927, vol. 44, p. 1139*) ..... 350.00 | 350.00

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Field service:						
	Salaries and wages—	*Average—*		*Average—*		*Average—*	
	Salary range, $60 to $240; average, $150—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
01	Caretaker in charge	1	$200	1	$200	1	$200
02	Tools, materials, and other miscellaneous expenses		150		150		150
	Total		350		350		350

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Care, etc., of Confederate Burial Plats—		
Confederate burial plats: For care, protection, and maintenance of Confederate burial plats, owned by the United States, located and known by the following designations: Confederate Cemetery, North Alton, Illinois; Confederate Cemetery, Camp Chase, Columbus, Ohio; Confederate section, Greenlawn Cemetery, Indianapolis, Indiana; Confederate Cemetery, Point Lookout, Maryland; and Confederate Cemetery, Rock Island, Illinois (*act Feb. 23, 1927, vol. 44, p. 1139*)	$1, 250. 00	$1, 250. 00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
Salary range, $60 to $240; average, $150—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Caretaker in charge	1	$120	1	$120	1	$120
Caretaker in charge	1	60	1	60	1	60
Total average number of employees	2		2		2	
01 Total salaries and wages, field service		180		180		180
02 Maintenance, supplies, and materials		1, 070		1, 070		1, 070
Total		1, 250		1, 250		1, 250

Burial of Indigent Patients, Army and Navy Hospital, Hot Springs, Ark.—		
Burial of deceased indigent patients: For burying in the Little Rock (Arkansas) National Cemetery, including transportation thereto, indigent ex-soldiers, ex-sailors, or ex-marines of the United States service, either Regular or Volunteer, who have been honorably discharged or retired and who die while patients at the Army and Navy General Hospital, Hot Springs, Arkansas, to be disbursed at a cost not exceeding $35 for such burial expenses in each case, exclusive of cost of grave (*act Feb. 23, 1927, vol. 44, p. 1139*)	100. 00	100. 00
22 Burial expenses: Expenditures—1929, $100; 1928, $100.		
Monuments or Tablets in Cuba and China—		
For repairs and preservation of monuments, tablets, roads, fences, and so forth, made and constructed by the United States in Cuba and China to mark the places where American soldiers fell (*act Feb. 23, 1927, vol. 44, p. 1139*)	1, 000. 00	1, 000. 00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
Salary range, $600 to $780; average, $690—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
01 Caretaker in charge	1	$600	1	$600	1	$600
02 Supplies, tools, etc		400		400		400
Total		1, 000		1, 000		1, 000

Total, national cemeteries	785, 025. 00	898, 832. 00

National Military Parks

Chickamauga and Chattanooga National Military Park—		
For continuing the establishment of the park; compensation and expenses of the superintendent, maps, surveys, clerical and other assistance; [exchange (not to exceed $800),] maintenance, repair, and operation of one motor-propelled passenger-carrying vehicle; maintenance, repair, and operation of one horse-drawn passenger-carrying vehicle; office and all other necessary expenses; foundations for State monuments; mowing; historical tablets, iron and bronze; iron gun carriages; roads and their maintenance, including posts and guard rails on highways (*acts Aug. 19, 1890, vol. 26, p. 33; Feb. 23, 1927, vol. 44, p. 1139*)	60, 000. 00	60, 000. 00
[Notwithstanding the restrictive provisions of the Act of February 26, 1896 (Twenty-ninth Statutes, page 21), the Secretary of War is authorized in his discretion to permit without cost to the United States the erection of monuments or memorials to commemorate encampments of Spanish War organizations which were encamped in said park during the period of the Spanish-American War] (*same acts*).		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Chickamauga and Chattanooga National Military Park—Continued.

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
		Average— No.	Salary	Average— No.	Salary	Average— No.	Salary
	Field service:						
	Salaries and wages—						
	Salary range, $3,000 to $3,600; average, $3,300—						
	Superintendent in charge	1	$3,400	1	$3,400	1	$3,400
	Salary range, $1,680 to $2,040; average, $1,860—						
	Unmounted guardian	1	1,980	1	1,980	1	1,980
	Assistant storekeeper and bookkeeper	1	1,860	1	1,860	1	1,860
	Guardian	1	1,800	1	1,800	1	1,800
	Clerk	1	1,800	1	1,800	1	1,800
	Salary range, $1,320 to $1,680; average, $1,500—						
	Guard	1	1,560	1	1,560	1	1,560
	Salary range, $1,020 to $1,260; average, $1,140—						
	Labor foreman	1	1,200	1	1,200	1	1,200
	Salary range, $900 to $1,140; average, $1,020—						
	Laborer (temporary)	3.2	1,020	3	1,020	3	1,020
	Total average number of employees	10.2		10		10	
	Total salaries and wages, field service		16,900		16,647		16,647
	The difference between 1929 and 1928 is due to increase in force, $253.						
	Deduct allowance value of quarters furnished		1,720		1,720		1,720
01	Total personal services, cash payment		15,180		14,927		14,927
	Supplies and materials:						
0200	Stationery, printed forms, letterheads, and office supplies		30		35		70
0280	Sundry supplies, procurement of		2,170		2,465		2,025
02	Total supplies and materials		2,200		2,500		2,095
04	Subsistence and care of animals		560		560		815
05	Communication service		8		8		8
06	Travel expenses, civilian employees		122		122		122
07	Transportation of supplies		4,315		4,315		5,005
	Repairs and alterations:						
1200	Buildings, repair of		1,100		1,110		1,000
1210	Roads, walks, and drainage, repair of		17,840		18,350		24,830
1210	Grounds, maintenance of		3,930		3,210		12,800
1220	Water and sewer systems, repair of		10		10		50
1240	Bridges, repair of		800		2,400		1,100
1250	Fences, trellises, and walls, repair of		1,885		1,338		11,300
1250	Flagstaffs, gun monuments, etc., repair of		150		150		450
1280	Equipment, repair of		1,300		300		1,960
1280	Motor-driven vehicles (except passenger-carrying), repair of		280		280		
1280	Animal-drawn vehicles (except passenger-carrying), repair of		25		25		
1280	Motor-driven and horse-drawn passenger-carrying vehicles, repair of		100		100		
12	Total repairs and alterations		27,420		27,273		53,490
13	Rental of vehicles and animals		6,365		6,365		
30	Equipment, procurement of		3,830		3,830		1,450
32	Historical tablets, procurement and installation of				50		100
32	Monuments and foundations, procurement and installation of				50		
							77,912
	Unobligated balance						353
	Total		60,000		60,000		78,265

Gettysburg National Military Park—

For continuing the establishment of the park; acquisition of lands, surveys, and maps; constructing, improving, and maintaining avenues, roads, and bridges thereon; fences and gates; marking the lines of battle with tablets and guns, each tablet bearing a brief legend giving historic facts and compiled without censure and without praise; preserving the features of the battle field and the monuments thereon; compensation of superintendent, clerical and other services, expenses, and labor; purchase and preparation of tablets and gun carriages and placing them in position; maintenance, repair, and operation of a motor-propelled passenger-carrying vehicle, and all other expenses incident to the foregoing (*acts Feb. 11, 1895, vol. 28, p. 651; Feb. 23, 1927, vol. 44, p. 1140*)..... $48,841.00 $53,026.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Gettysburg National Military Park—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
Salary range, $3,000 to $3,600; average, $3,300—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Superintendent in charge	1	$3,600	1	$3,600	1	$3,600
Salary range, $1,680 to $2,040; average, $1,860—						
Assistant superintendent	1	1,980	1	1,980	1	1,980
Salary range, $1,320 to $1,680; average, $1,500—						
Forester	1	1,500	1	1,500	1	1,500
Salary range, $1,020 to $1,260; average, $1,140—						
Clerk	1	1,260	1	1,260	1	1,260
Artisan	6	1,095	9	1,095	9	1,095
Laborer (temporary)	9.4	1,095	9.4	1,095	9.4	1,095
Hostler and guard	6	1,080	6	1,080	4.7	1,080
Salary range, $780 to $1,020; average, $900—						
Messenger			1	900	1	900
Total average number of employees	25.4		29.4		28.1	
Total salaries and wages, Field Service		31,641		35,826		34,494
The difference between 1929 and 1928 is due to decrease in force, $4,185.						
01 Total personal services		31,641		35,826		34,494
Supplies and materials:						
0200 Stationery and office supplies		25		100		100
0280 Supplies, procuremnet of		2,750		2,755		2,755
02 Total supplies and materials		2,775		2,855		2,855
04 Subsistence and care of animals		100		100		100
Repairs and alterations:						
1210 Roads, walks, and drainage, repair of		10,975		11,670		12,224
1220 Water and sewer systems, repair of		50		50		50
1240 Bridges, repair of		400		400		400
1250 Fences, trellises, and walls, repair of		350		125		125
1250 Flagstaffs, monuments, tablets, etc., repair of		205		350		350
1280 Equipment, repair of		1,500		1,500		1,500
12 Total repairs and alterations		13,480		14,095		14,669
13 Vehicles and animals, rental of		695				
32 Historical tablets, gun carriages, etc., procurement and installation of		150		150		150
						52,268
Unobligated balance						1,332
Total		48,841		53,026		53,600

Guilford Courthouse National Military Park—

For continuing the establishment of a national military park at the battle field of Guilford Courthouse, in accordance with the act entitled "An act to establish a national military park at the battle field of Guilford Courthouse," approved March 2, 1917 (*acts Mar. 2, 1917, vol. 39, p. 996; Feb. 23, 1927, vol. 44, p. 1140*) ..... $9,250.00 | $9,115.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
Salary range, $900 to $1,140; average, $1,020—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Resident commissioner	1	$1,140	1	$1,140	1	$1,140
Foreman of laborer	1	1,200	1	1,200	1	1,200
Clerk	1	900	1	900	1	900
Salary range, $600 to $780; average, $690—						
Laborer (temporary)	2.7	690	2.7	690	2.4	690
Salary range, $60 to $240; average, $150—						
Nonresident commissioner	1	100	1	100	1	100
Total average number of employees	6.7		6.7		6.4	
Total salaries and wages, field service		5,120		5,120		5,020
Deduct allowance value of quarters furnished		120		120		120
01 Total personal services, cash payment		5,000		5,000		4,900
Supplies and materials:						
0200 Stationery and office supplies		10		35		35
0280 Supplies, procurement of		600		700		700
02 Total supplies and materials		610		735		735
04 Subsistence and care of animals		300		300		300
07 Transportation of supplies		5		5		5

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Guilford Courthouse National Military Park—Continued.		

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Repairs and alterations:			
1200	Buildings, repair of	$200		
1210	Roads, walks, and drainage, repair of	1,900	$2,000	$2,000
1210	Grounds, maintenance of	250	475	475
1250	Fences, walls, etc., repair of	150	100	100
1280	Equipment, repair of	150	200	200
12	Total repairs and alterations	2,650	2,775	2,775
30	Equipment, procurement of	685	300	300
	Unobligated balance			9,015
				100
	Total	9,250	9,115	9,115

Shiloh National Military Park—

For continuing the establishment of the park; compensation of superintendent of the park; clerical and other services; labor; historical tablets; maps and surveys; roads; purchase and transportation of supplies, implements and materials; foundations for monuments; office and other necessary expenses, including maintenance, repair, and operation of one motor-propelled passenger-carrying vehicle, *and replacement by exchange of one such vehicle at a cost not to exceed $600, including the value of the vehicle exchanged (acts Dec. 27, 1894, vol. 28, p. 597; Mar. 2, 1895, vol 28, p. 946; Feb. 23, 1927, vol. 44, p. 1140)* $30,472.00 $31,672.00

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Field service:						
	Salaries and wages—	*Average—*		*Average—*		*Average—*	
	Salary range, $3,000 to $3,600; average, $3,300—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Superintendent in charge	1	$3,400	1	$3,400	1	$3,400
	Salary range, $1,680 to $2,040; average, $1,860—						
	Clerk	1	1,800	1	1,800	1	1,800
	Range rider	1	1,800	1	1,800	1	1,800
	Salary range, $780 to $1,020; average, $900—						
	Laborer (temporary)	10.3	992	12.3	977	12.5	972
	Total average number of employees	13.3		15.3		15.5	
	Total salaries and wages, field service		17,217		19,017		19,145
	The difference between 1929 and 1928 is due to decrease in force, $1,800.						
	Deduct allowance value of quarters furnished		1,540		1,540		1,540
01	Total personal services, cash payment		15,677		17,477		17,605
	Supplies and materials:						
0200	Stationery and office supplies		50		50		57
0280	Supplies, procurement of		2,712		2,712		3,415
02	Total supplies and materials		2,762		2,762		3,472
04	Subsistence and care of animals		150		150		150
05	Communication service		54		54		54
06	Travel expenses, civilian employees		127		127		127
07	Transportation of supplies		15		15		15
	Repairs and alterations:						
1210	Roads, walks, and drainage, repair of		9,837		9,837		7,200
1280	Equipment, repair of		350		350		540
12	Total repairs and alterations		10,187		10,187		7,740
13	Vehicles (animal drawn and motor driven) and animals, rental of		900		900		
30	Equipment, procurement of		600				
	Total		30,472		31,672		29,163

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Vicksburg National Military Park— For continuing the establishment of the park; compensation of civilian commissioners; clerical and other services, labor, iron gun carriages, mounting of siege guns, memorials, monuments, markers, and historical tablets giving historical facts, compiled without praise and without censure; maps, surveys, roads, bridges, restoration of earthworks, purchase of lands, purchase and transportation of supplies and materials; and other necessary expenses, *including purchase (not to exceed $600), maintenance, repair, and operation of one motor-propelled passenger-carrying vehicle (acts Feb. 21, 1899, vol. 30. pp. 841–843; Feb. 23, 1927, vol. 44, p. 1140)*	$23,476.00	$23,826.00

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:							
Salaries and wages—		*Average—*		*Average—*		*Average—*	
Salary range, $3,300 to $3,900; average, $3,600—		*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Resident commissioner		1	$3,600	1	$3,600	1	$3,600
Salary range, $1,880 to $2,040; average, $1,860—							
Overseer		1	1,800	1	1,800	1	1,800
Salary range, $1,140 to $1,500; average, $1,320—							
Foreman		1	1,200	2	1,200	2	1,200
Salary range, $1,020 to $1,260; average, $1,140—							
Laborer (temporary)		8.7	1,140	8.7	1,140	8.8	1,140
Salary range, $780 to $1,020; average, $900—							
Clerk-typist		1	900	1	900	1	900
Total average number of employees		12.7		13.7		13.8	
01 Total salaries and wages, field service			17,419		18,619		18,793
The difference between 1929 and 1928 is due to decrease in force, $1,200.							
Supplies and materials:							
0200 Stationery and office supplies			140		150		180
0280 Supplies, procurement of			584		133		168
02 Total supplies and materials			724		283		348
05 Communication service			66		67		66
07 Transportation of supplies			10		10		207
Repairs and alterations:							
1210 Roads, walks, and drainage, repair of			3,669		3,522		3,479
1240 Bridges, repair of			738		750		750
1250 Fences, trellises, and walls, repair of			25				25
1250 Flagstaffs, monuments, etc., repair of					280		250
1280 Equipment, repair of			225		295		82
12 Total repairs and alterations			4,657		4,847		4,586
30 Equipment, procurement of			600				
Total			23,476		23,826		24,000

	Amount
Survey of Battle Fields— [For defraying the cost of studies, surveys, and field investigations authorized in the act entitled "An act to provide for the study and investigation of battle fields in the United States for commemorative purposes," approved June 11, 1926,] *(U. S. C., p. 1939, sec. 455; act Feb. 23, 1927, vol. 44, p. 1140)*	15,000.00

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:							
Salaries and wages—		*Average—*		*Average—*		*Average—*	
Salary range, $1,140 to $1,500; average, $1,320—		*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Clerk				2.3	$1,305		
Total average number of employees				2.3			
Total salaries and wages, field service					3,000		
Unobligated balance					12,000		
Total					15,000		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
National Monuments, War Department—		
For maintaining and improving national monuments established by proclamation of the President under the act of June 8, 1906 (Thirty-fourth Statutes, page 225), and administered by the Secretary of War, including Fort McHenry, Maryland, including pay of the caretakers, laborers, and other employees, purchase of tools and materials, light, heat, and power, [$21,961] *$23,284, of which not to exceed $300 may be paid to the superintendent of the Shiloh National Military Park, in addition to his salary as such superintendent, for performing the duties of superintendent of the Meriwether Lewis National Monument (U. S. C., p. 416, sec. 431; act Feb. 23, 1927, vol. 44, p. 1141)*	$23,284.00	$21,961.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average*—		*Average*—		*Average*—	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $1,680 to $2,040; average, $1,860—						
Superintendent in charge	1	$1,980	1	$1,980	1	$1,980
Salary range, $1,140 to $1,500; average, $1,320—						
Attendant	3	1,240	3	1,240	3	1,240
Salary range, $900 to $1,140; average, $1,020—						
Caretaker	1	1,080	1	1,080	1	1,080
Laborer (temporary)	2.5	1,080	1.5	1,080	0.4	1,080
Foreman	1	900	1	900	1	900
Salary range, $600 to $780; average, $690—						
Laborer (temporary)	0.4	720	0.8	720	0.8	720
Salary range, $240 to $420; average, $330—						
Superintendent in charge	1	300				
Total average number of employees	9.9		8.3		7.2	
Total salaries and wages, field service		10,990		9,820		8,639
The difference between 1929 and 1928 is due to increase in force, $1,170.						
Deduct allowance value of quarters furnished		300		300		300
01 Total personal services, cash payment		10,690		9,520		8,339
Supplies and materials:						
0280 Sundry supplies		899		810		1,980
0280 Flagstaff, procurement and installation of		75		180		720
0290 Materials		1,060		550		170
02 Total supplies and materials		2,034		1,540		2,870
06 Superintendent, transportation of		165		150		141
Furnishing of heat, light, power, water, and electricity (service):						
1040 Water rent		74				
1070 Furnishing of heat, light, and power		5,625		5,625		6,500
10 Total furnishing of heat, light, power, etc		5,699		5,625		6,500
11 Hire of teams		450				
Repairs and alterations:						
1200 Buildings, repair of		3,646		5,126		2,970
1280 Equipment, repair of		600				
12 Total repairs and alterations		4,246		5,126		2,970
						20,820
Unobligated balance						1,141
Total		23,281		21,961		21,961

Appropriations for 1928 not asked for 1929: Petersburg National Military Park		15,000.00
Total, national military parks and national monuments	195,323.00	229,600.00
Total annual appropriations under Quartermaster Corps	980,348.00	1,128,432.00
TRUST FUND		
Preservation, Birthplace of Lincoln—		
Interest from an endowment fund, title to which was transferred to the United States by the Lincoln Farm Association on April 11, 1916, in connection with deed of gift conveying the homestead of Abraham Lincoln and the log cabin in which he was born. This fund has been converted into Government bonds amounting to $46,000, the income from which is available for expenses incident to the preservation of the birthplace of Lincoln (*U. S. C., p. 407, sec. 211*)	1,700.00	1,700.00
20 Interest on trust fund; Expenditures—1929, $1,700; 1928, $1,700; 1927, $1,700.		
Total under Quartermaster Corps, including trust fund	982,048.00	1,130,132.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
SIGNAL CORPS		
Washington-Alaska Military Cable and Telegraph System—		
For defraying the cost of such extensions, betterments, operation, and maintenance of the Washington-Alaska Military Cable and Telegraph System as may be approved by the Secretary of War, to be available until the close of the fiscal year [1929] *1930*, from the receipts of the Washington-Alaska Military Cable and Telegraph System which have been covered into the Treasury of the United States, the extent of such extensions and betterments and the cost thereof to be reported to Congress by the Secretary of War (*U. S. C., p. 218, sec. 1319; act Feb. 23, 1927, vol. 44, p. 1141*)	$159,080.00	$168,080.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $5,200 to $6,000; average, $5,600—						
Cable engineer	1	$5,200	1	$5,200	1	$5,200
Salary range, $3,300 to $3,900; average, $3,600—						
Auditor	1	3,600	1	3,600	1	3,600
Office manager	1	3,300	1	3,300	1	3,300
Salary range, $2,700 to $3,300; average, $3,000—						
Chief cable operator	1	3,000	1	3,000	1	3,000
Salary range, $2,100 to $2,700; average, $2,400—						
Cable electrician	1	2,500	1	2,500	1	2,500
Cable foreman	1	2,400	1	2,400	1	2,400
Assistant radio engineer	1	2,400	1	2,400	1	2,240
Steam engineer	1	2,200	1	2,200	1	2,220
Salary range, $1,680 to $2,400; average, $1,860—						
Cashier	1	1,860	1	1,860	1	1,860
Salary range, $1,320 to $1,680; average, $1,500—						
Submarine cable splicer	1	1,800	1	1,800	1	1,500
Clerk	4	1,485	4	1,485	4	1,505
Electrician	1	1,400	1	1,400	1	1,440
Janitor					1	1,440
Messenger	1	1,320	1	1,320		
Salary range, $1,020 to $1,260; average, $1,140—						
Clerk					1	1,200
Janitor	1	1,200	1	1,200	1	1,200
Messenger	1	1,140	1	1,140	2	1,140
Salary range, $900 to $1,140; average, $1,020—						
Assistant cable foreman	1	1,020	1	1,020	1	1,020
Messenger	1	1,020	1	1,020	1	1,020
Salary range, $780 to $1,020; average, $900—						
Messenger	9	870	9	870	6	891
Cable seaman	19	840	19	840	19	840
Salary range, $600 to $780; average, $690—						
Messenger	6	720	6	720	7	720
Salary range, $420 to $600; average, $510—						
Messenger	1	600	1	600	1	540
Total average number of employees	55		55		55	
01 Total salaries and wages, field service		73,616		73,616		73,616
02 Supplies and materials		47,000.00		49,000.00		66,959.50
07 Transportation		10,838.00		10,838.00		7,838.00
10 Heat, light, power, and electricity		6,170.00		6,170.00		6,170.00
11 Rentals		11,906.00		11,906.00		11,906.00
12 Repairs and alterations		9,550.00		9,550.00		9,550.00
				161,080.00		176,039.50
Unobligated balance						1,127.50
Reserve				7,000.00		
Total		159,080.00		168,080.00		177,167.00

MEDICAL DEPARTMENT

Artificial Limbs—

Artificial limbs: For furnishing artificial limbs and apparatus, or commutation therefor, and necessary transportation (*U. S. C., p. 1204, secs. 241, 242, 243, 244, 245, 246; acts Feb. 11, 1927, vol. 44, p. 1086; Feb. 23, 1927, vol. 44, p. 1141*) 44,250.00 28,500.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
02 Supplies and materials	$44,100.00	$28,400.00	$59,917.14
06 Travel expenses	150.00	100.00	82.86
Total	44,250.00	28,500.00	60,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Appliances for Disabled Soldiers—		
Appliances for disabled soldiers: For furnishing surgical appliances to persons disabled in the military or naval service of the United States prior to April 6, 1917, or subsequent to July 1, 1921, and not entitled to artificial limbs or trusses for the same disabilities (*act Feb. 23, 1927, vol. 44, p. 1141*)	$600.00	$800.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
02	Supplies and materials	$555.00	$705.00	$448.20
13	Special and miscellaneous current expenses (medical fees)	45.00	45.00	33.00
	Unobligated balance		50.00	518.80
	Total	600.00	800.00	1,000.00

	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Trusses for Disabled Soldiers—		
Trusses for disabled soldiers: For trusses for persons entitled thereto under section 1176, Revised Statutes of the United States, and the act amendatory thereof, approved March 3, 1879 (*U. S. C., p. 1204, secs. 247, 248, 249, 250; act Feb. 23, 1927, vol. 44, p. 1141*)	300.00	300.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
02	Supplies and materials	$255.00	$255.00	$83.41
13	Special and miscellaneous current expenses—fees—medical	45.00	45.00	36.00
	Unobligated balance			630.59
	Total	300.00	300.00	750.00

	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Medical and Surgical History of the World War—		
Toward the preparation for publication under the direction of the Secretary of War of a medical and surgical history of the war with Germany, including personal services (*act Feb. 23, 1927, vol. 44, p. 1141*)	9,480.00	14,500.00

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Field service:						
	Salaries and wages—	*Average—*		*Average—*		*Average—*	
	Salary range, $3,800 to $5,000; average, $4,400—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Assistant editor in chief	1	$4,800	1	$4,800	1	$4,800
	Salary range, $1,680 to $2,040; average, $1,860—						
	Statistical draftsman			1	1,980	1	1,980
	Salary range, $1,500 to $1,860; average, $1,680—						
	Clerk	2	1,620	2	1,620	2.6	1,659
	Salary range, $1,320 to $1,680; average, $1,500—						
	Clerk	1	1,440	3	1,493	3.2	1,505
	Total average number of employees	4		7		7.8	
01	Total salaries and wages, field service		9,480.00		14,500.00		15,909.33
	Unobligated balance						90.67
	Total		9,480.00		14,500.00		16,000.00
	The difference between 1929 and 1928 is due to decrease in force, $5,020.						

	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Total under Medical Department	54,630.00	44,100.00
CORPS OF ENGINEERS		
Improvements, Birthplace of George Washington, Wakefield, Va.—		
For watchmen for the care of the monument and dock at Wakefield, Virginia, the birthplace of Washington (*act Feb. 23, 1927, vol. 44, p. 1141*) $900.00		
For improvement and maintenance of reservation and monument at Wakefield, Virginia, the birthplace of Washington (*same act*) 2,600.00		
	3,500.00	4,200.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Improvements, Birthplace of George Washington, Wakefield, Va.—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Field service:			
Salaries and wages—	*Average—*	*Average—*	*Average—*
Salary range, $780 to $1,020; average, $900—	*No.* *Salary*	*No.* *Salary*	*No.* *Salary*
Watchman	1 $900		
Salary range, $600 to $780; average, $690—			
Watchman		1 $720	
Salary range, $420 to $600; average, $510—			
Watchman			0.83 $480
Guard			0.37 480
Total average number of employees	1	1	1.20
Total salaries and wages	900.00	720.00	578.20
The difference between 1929 and 1928 is due to increase in salaries and wages, $180.			
Deduct expenditures for personal services included in objects named below	300.00	170.00	
01 Total personal services	600.00	550.00	578.20
06 Travel expenses	150.00	130.00	22.65
08 Photographing and making photographs of prints	50.00	70.00	22.67
12 Repairs and alterations	2,090.00	2,890.00	3.55
13 Special and miscellaneous current expenses	10.00	10.00	2.00
30 Equipment	100.00	100.00	289.46
32 Other structures	500.00	450.00	11.80
			930.33
Unobligated balance			569.67
Total	3,500.00	4,200.00	1,500.00

Expenses, California Débris Commission—

For defraying the expenses of the commission in carrying on the work authorized by the act approved Mar. 1, 1893 (*U. S. C., p. 1086, sec. 661; act Feb. 23, 1927, vol. 44, p. 1141*) $15,000.00 $15,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Field service:			
Salaries and wages—	*Average—*	*Average—*	*Average—*
Salary range, $3,000 to $3,600; average, $3,300—	*No.* *Salary*	*No.* *Salary*	*No.* *Salary*
Associate engineer	1 $3,400	1 $3,400	0.9 $3,300
Salary range, $2,100 to $2,400; average, $2,400—			
Principal draftsman			0.1 2,100
Salary range, $1,860 to $2,400; average, $2,100—			
Clerk			0.2 1,920
Salary range, $1,680 to $2,040; average, $1,860—			
Assistant draftsman	1 1,800	1 1,740	0.5 1,740
Salary range, $1,500 to $1,860; average, $1,680—			
Clerk	1 1,560	1 1,500	0.6 1,500
Temporary employees	3 1,620	3 1,560	3.1 1,935
Total average number of employees	6	6	5.4
Total salaries and wages, field service	11,620.00	11,320.00	11,300.16
The difference between 1929 and 1928 is due to increase in salaries, $300.			
Deduct allowances for quarters, subsistence, etc	1,200.00	1,200.00	1,110.88
Cash payment, salaries and wages	10,420.00	10,120.00	10,189.28
0130 Fees, not specified	2.00	2.00	1.00
01 Total personal services	10,422.00	10,122.00	10,190.28
Supplies and materials:			
02012 Other stationery	70.00	50.00	50.75
0202 Sundry office supplies	150.00	140.00	140.50
0203 Drafting and artists' supplies	50.00	20.00	21.29
0205 Cleaning and toilet supplies	15.00	15.00	12.49
0210 Medical and hospital supplies	10.00	5.00	.96
0230 Fuel	180.00	160.00	169.72
0260 Provisions	600.00	680.00	688.52
02 Total supplies and materials	1,075.00	1,070.00	1,084.23
04 Subsistence and care of animals, and storage and care of vehicles (service)	100.00	100.00	103.10

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Expenses, California Débris Commission—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Communication service:			
0500	Telegraph service	$5.00	$5.00	$0.50
0510	Telephone service	120.00	130.00	130.00
0520	Other communication service	5.00	2.00	1.88
05	Total communication service	130.00	137.00	132.38
06	Travel expenses	848.00	900.00	904.03
07	Transportation of things (service)	100.00	100.00	105.14
08	Photographing and making photographs and prints (job work), blue printing	200.00	200.00	214.69
09	Advertising and publication of notices (service)	140.00	140.00	140.06
	Rents:			
1100	Rent of buildings and structures	448.00	516.00	385.00
1110	Other rents	300.00	320.00	327.53
11	Total rents	748.00	836.00	712.53
12	Repairs and alterations	867.00	1,000.00	1,004.79
13	Special and miscellaneous current expenses	250.00	275.00	277.83
	Equipment (includes livestock):			
3010	Furniture, furnishings, and fixtures	5.00	5.00	5.73
3020	Educational, scientific, and recreational equipment	100.00	100.00	106.01
3050	Other equipment	15.00	15.00	19.20
30	Total equipment	120.00	120.00	130.94
	Total	15,000.00	15,000.00	15,000.00

Construction and Maintenance of Roads, Bridges, and Trails, Alaska—

For the construction, repair, and maintenance of roads, tramways, ferries, bridges, and trails, Territory of Alaska, to be expended under the direction of the Board of Road Commissioners described in section 2 of an act entitled "An act to provide for the construction and maintenance of roads, the establishment and maintenance of schools, and the care and support of insane persons in the District of Alaska, and for other purposes," approved January 27, 1905, as amended by the act approved May 14, 1906, and to be expended conformably to the provisions of said act as amended, [$1,000,000] *$500,000*, to be immediately available, [and to include $1,000 compensation to the president of the Board of Road Commissioners for Alaska, in addition to his regular pay and allowances] *(U. S. C., p. 1584, sec. 321; p. 1585, sec. 328; act Feb. 23, 1927, vol. 44, p. 1141)* $500,000.00 $1,000,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Field service:			
01	Cash payment, salaries and wages (see consolidated schedule, Alaska roads)	$253,109.00	$540,824.00	$497,119.74
	Supplies and materials:			
0200	Stationery and office supplies	855.00	855.00	776.42
02012	Other stationery	286.00	286.00	247.77
0210	Medical and hospital supplies	159.00	159.00	146.15
0220	Scientific and educational supplies	4.00	4.00	16.25
0230	Fuel (including gasoline and oils)	14,602.00	30,881.00	20,031.24
0240	Wearing apparel	31.00	31.00	
0250	Forage and other supplies for animals	5,401.00	12,401.00	17,699.10
0260	Provisions	41,533.00	70,825.00	87,741.17
0270	Powder (explosives)	2,818.00	3,854.00	1,026.27
0280	Sundry supplies	5,046.00	9,637.00	13,593.85
0290	Materials (construction)	30,108.00	55,385.00	41,446.09
02	Total supplies and materials	100,843.00	184,318.00	182,724.31
03	Subsistence and support of persons (service)	21,125.00	32,900.00	35,298.65
04	Subsistence and care of animals (service)	941.00	941.00	770.84
	Communication service:			
0500	Telegraph service	180.00	280.00	207.89
0510	Telephone service			3.75
0520	Other communication service (including post office box rent)	70.00	70.00	45.10
05	Total communication service	250.00	350.00	256.74
06	Travel expenses	4,000.00	10,000.00	9,275.68
07	Transportation of things	25,000.00	60,000.00	37,267.23

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Construction and Maintenance of Roads, Bridges, and Trails, Alaska—Contd.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Printing, binding, engraving, etc.:			
0800	Printing and binding	$674.00	$674.00	$596.67
0830	Photographing and making prints, etc	300.00	300.00	182.02
08	Total printing, binding, etc	974.00	974.00	778.69
	Rents:			
1100	Rents (buildings, structures, etc.)	1,092.00	1,092.00	
1110	Other rents (including animals)	22,200.00	32,200.00	27,630.48
11	Total rents	23,292.00	33,292.00	27,630.48
12	Repairs and alterations	22,722.00	42,177.00	32,953.32
13	Special and miscellaneous current expenses (including exchange)	1,694.00	2,155.00	4,204.45
	Equipment:			
3010	Furniture, furnishings, and fixtures	2,692.00	5,354.00	2,275.79
3040	Livestock (horses, dogs, etc.)	120.00	120.00	400.00
3050	Other equipment	33,908.00	69,526.00	63,779.58
30	Total equipment	36,720.00	75,000.00	66,455.37
32	Other structures	9,330.00	17,069.00	5,264.50
	Total	500,000.00	1,000,000.00	900,000.00

Appropriation for 1928 not asked for 1929: Government wharf, Juneau, Alaska $22,500.00

Total miscellaneous objects under Corps of Engineers ..... $518,500.00 | 1,041,700.00

RIVERS AND HARBORS

To be immediately available and to be expended under the direction of the Secretary of War and the supervision of the Chief of Engineers:

Maintenance and Improvement of Existing River and Harbor Works—

For the preservation and maintenance of existing river and harbor works, and for the prosecution of such projects heretofore authorized as may be most desirable in the interests of commerce and navigation; for survey of northern and northwestern lakes, Lake of the Woods, and other boundary and connecting waters between the said lake and Lake Superior, Lake Champlain, and the natural navigable waters embraced in the navigation system of the New York canals, including all necessary expenses for preparing, correcting, extending, printing, binding, and issuing charts and bulletins and of investigating lake levels with a view to their regulation; *for examinations, surveys, and contingencies of rivers and harbors, provided that no funds shall be expended for any preliminary examination, project, or estimate not authorized by law;* and for the prevention of obstructive and injurious deposits within the harbor and adjacent waters of New York City, for pay of inspectors, deputy inspectors, crews, and office force, and for maintenance of patrol fleet and expenses of office (*U. S. C., pp. 1079, 1083, secs. 545, 622; act Feb. 23, 1927, vol. 44, p. 1142*) ..... 50,000,000.00 | 50,000,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
Grade 4, $3,800 to $5,000; average, $4,400—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Engineer	3	$4,133	2	$3,800	1.1	$3,800
Attorney	1	3,800	1	3,800	1	3,800
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate engineer	1	3,300	1	3,300	2.4	3,271
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant engineer	1	2,700	1	2,700	1	2,700
Assistant engineer (draftsman designer)	1	2,700	1	2,700	1	2,700
Assistant attorney	2	2,500	2	2,500	1.6	2,703
Grade 1, $1,860 to $2,400; average, $2,100—						
Junior attorney	2	1,980	2	1,980	0.7	1,979
Subprofessional service—						
Grade 5, $1,680 to $2,400; average, $1,860—						
Engineering draftsman					1	1,800

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Maintenance and Improvement of Existing River and Harbor Works—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Departmental service—Continued.			
Salaries—Continued.			
Clerical, administrative, and fiscal service—	*Average—*	*Average—*	*Average—*
	No. *Salary*	*No.* *Salary*	*No.* *Salary*
Grade 8, $2,700 to $3,300; average, $3,000—			
Administrative assistant (chief accountant)	1 $2,800	1 $2,800	1 $2,800
Grade 7, $2,400 to $3,000; average, $2,700—			
Junior administrative assistant (chief of division)	2 2,600	2 2,600	1.5 2,780
Junior administrative assistant (chief of section)	2 2,400	2 2,400	0.8 2,400
Grade 6, $2,100 to $2,700; average, $2,400—			
Principal clerk (chief of division)	2 2,500	2 2,500	1 2,530
Principal clerk (chief of section)			1.1 2,364
Principal clerk (clerk)	2 2,100	2 2,100	0.4 2,230
Principal accounting and auditing assistant	1 2,200	1 2,200	
Grade 5, $1,860 to $2,400; average, $2,100—			
Senior office draftsman	1 2,400	1 2,400	1 2,400
Senior clerk	4 2,055	4 2,055	0.6 2,034
Grade 4, $1,680 to $2,040; average, $1,860—			
Clerk-stenographer	1 1,920	1 1,920	1.7 1,846
Clerk	12 1,770	12 1,770	6.2 1,898
Grade 3, $1,500 to $1,860; average, $1,680—			
Assistant clerk-stenographer	2 1,710	2 1,710	2.6 1,581
Assistant clerk	12 1,630	12 1,630	7.7 1,628
Grade 2, $1,320 to $1,680; average, $1,500—			
Junior office draftsman	1 1,680	1 1,680	1 1,680
Junior operator office devices			2 1,590
Junior clerk-stenographer	5 1,350	5 1,350	2.6 1,357
Junior clerk-typist	12 1,373	8 1,400	2.5 1,397
Junior clerk	1 1,440	1 1,440	0.1 1,500
Grade 1, $1,140 to $1,500; average, $1,320—			
Underoperator, office devices	1 1,320	1 1,320	1 1,320
Custodial service—			
Grade 3, $1,080 to $1,260; average, $1,140—			
Messenger	6 1,100	6 1,100	8.6 1,111
Grade 2, $900 to $1,140; average, $1,020—			
Junior laborer	2 930	2 930	2 930
Total average number of employees	81	76	55.2
Total salaries, departmental service	150,000.00	140,000.00	103,765.78
The difference between 1929 and 1928 is due to increase in force, $10,000.			
Field service:			
Cash payment, salaries and wages (see consolidated schedule)	13,216,732.00	13,805,080.00	12,445,336.97
Deduct expenditures for personal services included in objects named below	7,968,938.00	8,821,179.00	7,635,123.28
Net salaries and wages	5,247,794.00	5,043,901.00	4,810,213.69
0121 Pay of commissioned officers	36,909.00	32,119.00	23,943.62
0130 Fees, not specified	25.00	25.00	21.50
0140 Allowances for quarters, etc	10,672.00	9,332.00	6,684.89
0150 Special and miscellaneous payments for personal services			4,678.81
Total personal services, field service	5,295,400.00	5,085,377.00	4,845,542.51
01 Total personal services	5,445,400.00	5,225,377.00	4,949,308.29
Supplies and materials:			
0200 Stationery and office supplies	83,766.00	84,281.00	83,915.97
0201 Stationery	340.00	340.00	84.88
02011 Printed forms and letterheads	1,670.00	1,730.00	1,488.20
02012 Other Stationery	10,421.00	9,895.00	8,805.35
0202 Sundry office supplies	1,200.00	1,150.00	996.10
0203 Drafting and artists' supplies	675.00	650.00	582.51
0204 Photographic supplies	102.00	100.00	18.00
0205 Cleaning and toilet supplies	5,025.00	5,025.00	4,388.45
0210 Medical and hospital supplies	12,475.00	13,184.00	9,947.41
0220 Scientific and educational supplies	1,613.00	1,753.00	1,034.18
0230 Fuel	2,167,644.00	2,168,563.00	2,139,037.57
0240 Wearing apparel and sewing supplies	1,330.00	1,390.00	580.07
0250 Forage and other supplies for animals	900.00	990.00	630.01
0260 Provisions	1,038,718.00	1,035,925.00	1,043,025.80
0270 Powder, projectiles, explosives, etc	21,428.00	19,836.00	18,628.50
0280 Sundry supplies	569,255.00	557,512.00	559,095.92
0290 Materials	315,636.00	315,490.00	267,065.50
02 Total supplies and materials	4,232,198.00	4,217,814.00	4,139,324.42
03 Subsistence and support of persons (service)	69,013.00	79,532.00	110,904.85
04 Subsistence and care of animals and storage and care of vehicles (service)	2,175.00	2,015.00	1,290.65
Communication service:			
0500 Telegraph service	3,681.00	3,401.00	2,904.20
0510 Telephone service	33,558.00	33,952.00	32,653.52
0520 Other communication service	1,815.00	1,595.00	958.46
05 Total communication service	39,054.00	38,948.00	36,516.18
06 Travel expenses	201,745.00	168,035.00	168,520.00
07 Transportation of things (service)	462,245.00	460,350.00	453,231.35

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Maintenance and Improvement of Existing River and Harbor Works—Continued.					
Printing and binding, etc.:					
0800 Printing and binding	$2,317.00	$2,300.00	$2,638.85		
0810 Lithographing, engraving, and engrossing	2,175.00	2,118.00	981.86		
0820 Stenographic work, typewriting, and duplicating work (job work)	3,090.00	2,000.00	1,068.96		
0830 Photographing and making photographs and prints (job work)	8,958.00	10,313.00	8,139.00		
0830 Aerial photography for maps of Missouri River			17,643.04		
08 Total printing and binding, etc	16,540.00	16,731.00	30,471.71		
09 Advertising and publication of notices (service)	6,355.00	7,241.00	6,186.35		
10 Furnishing of heat, light, power, water, and electricity (service)	115,981.00	115,622.00	107,136.37		
Rents:					
1100 Rent of buildings and structures	70,606.00	69,425.00	69,814.08		
1110 Other rents	611,551.00	611,108.00	605,441.83		
11 Total rents	682,157.00	680,533.00	675,255.91		
12 Repairs and alterations	5,768,194.00	7,474,380.00	5,685,793.34		
13 Special and miscellaneous current expenses	101,595.00	98,795.00	88,002.15		
22 Contributions for charitable and humanitarian purposes (flood relief)		5,000.00	10,622.93		
Equipment:					
3000 Passenger-carrying vehicles	22,660.00	27,842.00	26,040.81		
3010 Furniture, furnishings, and fixtures	75,782.00	81,792.00	86,878.65		
3020 Educational, scientific, and recreational equipment	15,195.00	8,630.00	6,586.37		
3050 Other equipment	2,565,230.00	2,563,596.00	2,485,948.39		
30 Total equipment	2,678,867.00	2,681,860.00	2,605,454.22		
31 Land and interest in land	598,075.00	604,290.00	8,557.98		
Structures and parts, etc.:					
3210 Other structures	22,612,687.00	21,705,450.00	19,262,549.38		
3211 Buildings	5,000.00	5,500.00	2,822.32		
3212 Excavations, embankments, and surfacing	1,734,325.00	2,955,640.00	238,937.02		
3213 Mines, quarries, borings, reservoirs, etc		22,216.00			
3214 Retaining and restraining walls, dams, jetties, etc	1,205,000.00	589,000.00	651,634.96		
3220 Nonstructural improvements	3,648,194.00	2,495,571.00	2,199,543.88		
3221 Filling and terracing, grading		6,000.00	2,850.25		
3222 Sodding and top soiling		2,000.00	60.84		
3223 Horticultural and agricultural improvements		2,000.00	102.48		
32 Total structures and parts, etc	29,205,206.00	27,783,377.00	22,358,501.13		
33 Stores purchased for resale (miscellaneous supplies)			11,203.83		
53 Damages to private property	200.00	100.00	538.00		
	49,625,000.00	49,660,000.00	41,446,819.66		
Amounts transferred to Navy Department (naval working fund) for repairs to engineer floating plant and other equipment	375,000.00	340,000.00	270,055.00		
Total	50,000,000.00	50,000,000.00	41,716,874.66		
Examinations, Surveys, and Contingencies of Rivers and Harbors— [For examinations, surveys, and contingencies of rivers and harbors for which there may be no special appropriation, $150,000: *Provided*, That no part of this sum shall be expended for any preliminary examination, survey, project, or estimate not authorized by law] (*U. S. C., p. 1079, sec. 545; act Feb. 23, 1927, vol. 44, p. 1142*)				[1]	$150,000.00

[1] This item merged with that for maintenance and improvement of existing river and harbor works.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Field service:			
Cash payment, salaries and wages (see consolidated schedule)		$241,854.00	$197,179.20
Deduct expenditures for personal services included in objects named below		13,600.00	32,572.54
Net salaries and wages		228,254.00	164,606.66
0121 Pay of commissioned officers		6,850.00	6,116.17
0140 Allowances for quarters, etc		2,040.00	1,835.42
0150 Special and miscellaneous payments for personal services		50.00	1,533.33
01 Total personal services		237,194.00	174,091.58

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, refereuces to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Examinations, Surveys, and Contingencies of Rivers and Harbors—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Supplies and materials:			
0200	Stationery and office supplies		$3,721.00	$2,671.51
02012	Other stationery		135.00	42.12
0202	Sundry office supplies		5.00	2.52
0203	Drafting and artists' supplies		5.00	5.60
0204	Photographic supplies		2.00	1.40
0210	Medical and hospital supplies		50.00	30.01
0220	Scientific and educational supplies		75.00	86.68
0230	Fuel		3,473.00	4,718.33
0260	Provisions		4,463.00	6,507.03
0280	Sundry supplies		2,151.00	1,275.28
0290	Materials		562.00	418.35
02	Total supplies and materials		14,642.00	15,758.83
03	Subsistence and support of persons (service)		611.00	75.19
04	Subsistence and care of animals and storage and care of vehicles (service)		10.00	11.00
	Communication service:			
0500	Telegraph service		309.00	110.41
0510	Telephone service		511.00	537.92
0520	Other communication service		25.00	30.40
05	Total communication service		845.00	678.73
06	Travel expenses		34,355.00	34,574.78
07	Transportation of things (service)		1,380.00	1,324.00
	Printing and binding, etc.:			
0800	Printing and binding		[1] 15,676.00	[1] 6,638.89
0810	Lithographing, engraving, and engrossing		210.00	245.75
0820	Stenographic work, typewriting, and duplicating work		1,730.00	1,159.51
0830	Photographing and making photographs and prints (job work)		865.00	1,015.61
08	Total printing and binding, etc		18,481.00	9,059.76
09	Advertising and publication of notices (service)		79.00	25.96
10	Furnishing of heat, light, power, water, and electricity (service)		200.00	183.26
	Rents:			
1100	Rent of buildings and structures		270.00	1,440.89
1110	Other rents		4,141.00	1,491.06
11	Total rents		4,411.00	2,931.95
12	Repairs and alterations		8,500.00	10,033.13
13	Special and miscellaneous current expenses		12,270.00	9,883.74
	Equipment:			
3000	Passenger-carrying vehicles		100.00	50.00
3010	Furniture, furnishings, and fixtures		2,185.00	2,701.73
3020	Educational, scientific, and recreational equipment		840.00	592.47
3050	Other equipment		2,409.00	3,528.94
30	Total equipment		5,534.00	6,873.14
	Structures, etc.:			
3210	Other structures		5,080.00	22,871.98
3212	Excavations, embankments, and surfacings		600.00	667.53
3214	Retaining and restraining walls, dams, jetties, etc			195.99
3220	Nonstructural improvements		4,808.00	6,317.43
3225	Razing structures and removing obstructions		1,000.00	1,168.20
3226	Special and miscellaneous			
32	Total structures		11,488.00	31,221.13
	Total		350,000.00	296,726.18

[1] The expenditures charged to "0800 Printing and binding" in 1928 and 1927 relate to orders placed during the fiscal year 1923.

NOTE.—The expenditures in 1927 and the estimated expenditures in 1928 in excess of appropriations in those years are from unexpended balances of prior appropriations.

Maintenance and Operation, Dam No. 2, Muscle Shoals, Ala.—

For operating, maintaining, and keeping in repair the works at Dam Numbered 2, Tennessee River, including the hydroelectrical development, [$300,000] *$275,000*, to remain available until June 30, [1928] *1929*, and to be expended under the direction of the Secretary of War and the supervision of the Chief of Engineers (*act Feb. 23, 1927, vol. 44, p. 1142*) ..... $275,000.00 | $300,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Maintenance and Operation, Dam No. 2, Muscle Shoals, Ala.—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average*—		*Average*—		*Average*—	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $6,000 to $7,500; average, $6,750—						
Superintendent	1	$7,200	1	$7,200	1	$7,200
Salary range, $3,800 to $5,000; average, $4,400—						
Foreman	1.3	4,410	1	4,400		
Engineer	0.3	4,400	0.3	4,400		
Chief clerk	0.4	3,800	0.4	3,800		
Salary range, $3,300 to $3,900; average, $3,600—						
Temporary employees					1.8	3,435
Foreman	1.3	3,300	1	3,300		
Associate engineer	1	3,300	1	3,300		
Salary range, $3,000 to $3,600; average, $3,300—						
Temporary employees					1.7	3,000
Inspector			0.2	3,000		
Chief operator	1	3,000	1	3,000		
Station operator	3	3,100	3	3,100		
Assistant engineer	0.3	3,200	0.3	3,200		
Salary range, $2,700 to $3,300; average, $3,000—						
Inspector, overseer and foreman	0.6	2,700	0.6	2,700		
Clerk	0.5	2,700	0.5	2,700		
Salary range, $2,400 to $3,000; average, $2,700—						
Junior engineer	0.3	2,500	0.3	2,500		
Foreman	5.2	2,670	5	2,670	5	2,545
Auxiliary switchboard operator	3	2,400	3	2,400		
Switchboard operator	3	2,400	3	2,400		
Electrician	1	2,400	1	2,400		
Governor tender	3	2,500	3	2,500		
Draftsman	1.7	2,500	1.5	2,500		
Salary range, $2,100 to $2,700; average, $2,400—						
Temporary employee					2	2,379
Electrician	2	2,100	2	2,100	8.5	2,156
Surveyor	0.4	2,200	0.4	2,200		
Clerk	0.4	2,200	0.4	2,200		
Lineman					1.3	2,185
Foreman	1.8	2,176	1.3	2,167	3.5	2,150
Engineman					3.3	2,215
Machinist	2	2,100	2	2,100	5	2,178
Cranesman	1	2,100	1	2,100	0.5	2,128
Armature winder	1	2,200	1	2,200	0.8	2,135
Pilot					0.1	2,300
Oil circuit breaker mechanic	1	2,100	1	2,100		
Storekeeper	1.3	2,100	0.8	2,100		
Salary range, $1,860 to $2,400; average, $2,100—						
Temporary employees					1.2	1,980
Clerk	1.2	1,980	1.2	1,980	0.6	1,920
Machinist	1	1,900	1	1,900	1	1,878
Foreman	1.7	1,950	1	1,980	0.7	1,920
Inspector	1	1,980	0.5	1,980		
Auxiliary operator	3	1,900	3	1,900		
Salary range, $1,680 to $2,040; average, $1,860—						
Auto mechanic	0.2	1,680	0.2	1,680	0.3	1,720
Clerk	1.3	1,725	1.3	1,725	1	1,704
Electrician					0.5	1,628
Inspector, overseer and foreman	1.4	1,700	1.4	1,700		
Salary range, $1,500 to $1,860; average, $1,680—						
Guard	0.8	1,520	0.8	1,520		
Clerk	0.5	1,520	0.5	1,520		
Draftsman	0.2	1,500	0.2	1,500		
Handyman	6	1,550	6	1,550	1	1,627
Oiler	7	1,600	7	1,600	1	1,502
Engineman	0.2	1,620	0.2	1,620	2	1,627
Transformer tender	1	1,600	1	1,600		
Machinist	2	1,500	2	1,500		
Pumpmen	5	1,500	5	1,500		
Chauffeur	0.5	1,560	0.5	1,560		
Salary range, $1,320 to $1,680; average, $1,500—						
Handyman					1	1,377
Oiler					3	1,377
Stoker					0.5	1,380
Deckhand	1	1,320	1	1,320	1	1,320
Clerk	1.5	1,380	1.5	1,380		
Inspector	0.3	1,410	0.3	1,410		
Cook	0.5	1,320	0.5	1,320	0.5	1,320
Timekeeper					0.3	1,440
Watchman					0.3	1,320
Guard	2.5	1,320	2.5	1,320	0.2	1,320
Helper	1	1,400	1	1,400	5	1,377
Hostler					0.5	1,377
Pumpman					1	1,377
Laborer	6	1,320	6	1,320	3	1,377
Chauffeur	1.2	1,380	1.2	1,380		
Salary range, $1,140 to $1,500; average, $1,320—						
Deck hand					1	1,140
Pumpman					1	1,252
Janitor	1	1,200	1	1,200	1	1,140
Hostler					1	1,252
Laborer	3	1,200	3	1,200	18	1,240
Handyman	3	1,200	3	1,200		
Salary range, $1,020 to $1,260; average, $1,140—						
Laborer	6	1,140	6	1,140		
Deck hand					0.1	1,020
Telephone operator	0.3	1,020	0.3	1,020		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Maintenance and Operation, Dam No. 2, Muscle Shoals, Ala.—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Field service—Continued.			
	Salaries and wages—Continued.	*Average—*	*Average—*	*Average—*
	Salary range, $900 to $1,140; average, $1,020—	*No.* *Salary*	*No.* *Salary*	*No.* *Salary*
	Helper			0.6 $1,001
	Laborer	7.5 $1,000	7.5 $1,000	17 985
	Elevator conductor	1 900	1 900	
	Salary range, $780 to $1,020; average, $900—			
	Waiter			0.1 780
	Total average number of employees	108.6	105.6	99.9
	Total salaries and wages, field service	206,380.00	199,800.00	170,254.26
	The difference between 1929 and 1928 is due to increase in force, $6,580.			
	Deduct allowance value of quarters, subsistence, etc., furnished	4,500.00	4,500.00	3,029.84
01	Total personal services, cash payment	201,880.00	195,300.00	167,224.42
	Supplies and materials:			
0201	Stationery and office supplies	1,600.00	1,600.00	1,565.90
0210	Medical and hospital supplies	50.00	50.00	46.31
0220	Scientific and educational supplies	100.00	100.00	206.00
0230	Fuel	2,000.00	2,000.00	2,397.76
0240	Provisions	1,200.00	1,200.00	797.38
0280	Sundry supplies	8,000.00	10,000.00	1,617.95
0290	Materials (not specifically allocated for use as supplies, equipment, or structures at time of purchase)	27,000.00	30,000.00	39,342.79
01	Total supplies and materials	39,950.00	44,950.00	45,974.09
05	Communication service	300.00	150.00	26.95
06	Travel expenses	1,000.00	1,000.00	758.29
07	Transportation of things (service)	300.00	300.00	316.88
10	Furnishing of water (service)	1,000.00	1,000.00	2,400.00
11	Other rents (plant)	2,700.00	2,700.00	2,704.10
12	Repairs and alterations of machinery and equipment	21,870.00	48,600.00	16,107.54
	Equipment:			
3022	Scientific equipment			401.61
3050	Other equipment	5,000.00	5,000.00	4,164.08
30	Total equipment	5,000.00	5,000.00	4,565.69
32	Other structures	1,000.00	1,000.00	2,187.81
				242,265.77
	Amount previously reported as expended during fiscal year 1926			57,734.23
	Total	275,000.00	300,000.00	[1] 300,000.00

[1] This appropriation available during fiscal years 1926 and 1927.

Flood Control, Mississippi River—

Flood control, Mississippi River: For prosecuting work of flood control in accordance with the provisions of the flood control acts approved March 1, 1917, and March 4, 1923, [$10,000,000, of which not to exceed $150,000 may be expended for the purpose or riprapping the bank and channel-mattressing the river at Vicksburg, Mississippi, at such a point and in such a manner as may be necessary to make possible the permanent establishment of an interchange terminal at that point between railways and the vessels of the Inland Waterway Corporation] (*U. S. C., p. 1089, sec. 702; act Feb. 23, 1927, vol. 44, p. 1142*) $10,000,000.00 $10,000,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Field service:			
	Cash payment, salaries and wages (see consolidated schedule)	$3,915,043.00	$3,744,593.00	$3,893,732.70
	Deduct expenditures for personal services included in objects named below	1,972,772.00	1,972,772.00	1,960,461.23
	Net salaries and wages	1,942,271.00	1,771,821.00	1,933,271.47
0121	Pay of commissioned officers	7,860.00	6,660.00	4,629.51
0140	Allowances for quarters, etc	7,440.00	7,090.00	6,203.20
0150	Special and miscellaneous payments for personal services	2,700.00	2,700.00	2,243.22
01	Total personal services	1,960,271.00	1,788,271.00	1,946,347.40

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Flood Control, Mississippi River—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Supplies and materials:			
0200	Stationery and office supplies	$36,180.00	$31,300.00	$35,148.35
0201	Printed forms and letterheads	6,000.00	6,000.00	7,861.12
0210	Medical and hospital supplies	3,620.00	3,300.00	3,236.31
0220	Scientific and educational supplies	682.00	1,462.00	386.04
0230	Fuel	404,220.00	348,500.00	450,292.61
0240	Wearing apparel and sewing supplies	1,860.00	1,610.00	1,968.46
0250	Forage and other supplies for animals	22,000.00	16,600.00	22,142.74
0260	Provisions	553,000.00	472,500.00	532,042.32
0280	Sundry supplies	183,800.00	166,000.00	182,472.56
0290	Materials	141,700.00	101,300.00	132,688.11
02	Total supplies and materials	1,353,062.00	1,148,572.00	1,368,148.62
03	Subsistence and support of persons (service)	4,550.00	4,300.00	4,546.85
04	Subsistence and care of animals and storage and care of vehicles (service)	875.00	805.00	788.13
	Communication service:			
0500	Telegraph service	970.00	940.00	958.90
0510	Telephone service	13,575.00	12,075.00	15,106.62
0520	Other communication service	210.00	170.00	204.20
05	Total communication service	14,755.00	13,185.00	16,269.72
06	Travel expenses	63,000.00	60,000.00	66,180.72
07	Transportation of things (service)	266,700.00	246,700.00	261,524.30
	Printing and binding, etc.:			
0820	Stenographic work, typewriting, duplicating work, etc. (job work)	600.00	600.00	554.67
0830	Photographing and making photographs and prints (job work)	540.00	490.00	562.15
08	Total printing and binding, etc	1,140.00	1,090.00	1,116.82
09	Advertising and publication of notices (service)	576.00	655.00	639.54
10	Furnishing of heat, light, power, water, and electricity (service)	12,000.00	10,000.00	9,205.74
	Rents:			
1100	Rent of buildings and structures	7,460.00	7,450.00	8,856.12
1110	Other rents	60,675.00	47,375.00	82,353.88
11	Total rents	68,135.00	54,825.00	91,210.00
12	Repairs and alterations	1,174,100.00	1,107,369.00	1,131,282.91
13	Special and miscellaneous expenses	14,400.00	12,700.00	36,965.44
	Equipment:			
3000	Passenger-carrying vehicles	26,000.00	13,900.00	29,432.15
3010	Furniture, furnishings, and fixtures	57,900.00	49,800.00	57,443.18
3020	Educational, scientific, and recreational equipment	2,425.00	1,840.00	1,712.74
3050	Other equipment	1,226,400.00	1,018,400.00	1,096,594.25
30	Total equipment	1,312,725.00	1,083,940.00	1,185,182.32
32	Other structures	3,751,551.00	3,694,000.00	4,629,058.10
53	Indemnities, not specified	2,160.00	1,500.00	2,373.85
	Total	10,000,000.00	9,227,912.00	10,750,930.46

NOTE.—The expenditures in 1927 in excess of the appropriation for that year were from the unexpended balances of prior appropriations.

Flood Control, Sacramento River, Calif.—

Flood control, Sacramento River, California: For prosecuting work of flood control in accordance with the provisions of the flood control act, approved March 1, 1917 (*U. S. C., p. 1090, sec. 703: act Feb. 23, 1927, vol. 44, p. 1143*) $400,000.00 $400,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Field service:			
	Cash payment, salaries and wages (see consolidated schedule)	$300,000.00	$307,000.00	$299,713.14
	Deduct expenditures for personal services included in objects named below	265,000.00	262,000.00	258,096.76
	Net salaries and wages	35,000.00	45,000.00	41,616.38
0121	Pay of commissioned officers			468.89
0130	Fees, not specified	5.00	5.00	1.50
0140	Allowances for quarters, etc			143.33
01	Total personal services	35,005.00	45,005.00	42,230.10

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Flood Control, Sacramento River, Calif.—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Supplies and materials:			
0201.2	Other stationery	$100.00	$100.00	$93.10
0202	Sundry office supplies	200.00	200.00	170.06
0203	Drafting and artists' supplies	10.00	10.00	2.41
0204	Photographic supplies	10.00	10.00	7.69
02	Total supplies and materials	320.00	320.00	273.26
	Communication service:			
0500	Telegraph service	25.00	25.00	25.94
0510	Telephone service	100.00	100.00	
0520	Other communication service	25.00	25.00	
05	Total communication service	150.00	150.00	25.94
06	Travel expenses	3,800.00	3,800.00	3,664.45
07	Transportation of things (service)	250.00	250.00	135.38
08	Photographing and making photographs and prints	50.00	50.00	15.80
10	Furnishing of heat, light, power, water, and electricity (service)	150.00	150.00	112.50
11	Other rents	1,000.00	1,000.00	641.66
12	Repairs and alterations	38,000.00	40,000.00	112,007.27
13	Special and miscellaneous current expenses	800.00	800.00	753.48
	Equipment (includes livestock):			
3000	Passenger-carrying vehicles	1,200.00	5,200.00	
3010	Furniture, furnishings, and fixtures	2,500.00	2,500.00	2,147.50
3020	Educational, scientific, and recreational equipment	450.00	450.00	407.54
3050	Other equipment	26,000.00	28,000.00	47,791.58
30	Total equipment	30,150.00	36,150.00	50,346.62
32	Other structures	290,325.00	354,373.00	433,368.26
	Total	400,000.00	482,048.00	643,574.72

NOTE.—The expenditures in 1927 and the estimated expenditures for 1928 in excess of the appropriations for those years are from the unexpended balances of prior appropriations.

Consolidated schedule of field employees paid from river and harbor appropriations

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—						
Salary range, $6,000 to $7,500; average, $6,750—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Accountant (service in Federal Power Commission)	1	$7,500	1	$7,500	1	$7,500
Senior engineer	1	6,300	2	6,150	1.2	6,000
Salary range, $5,200 to $6,000; average, $5,600—						
Senior engineer	9	5,200	9	5,200	8.3	5,309
Hydroelectric engineer					1	5,200
Salary range, $3,800 to $5,000; average, $4,400—						
Commissioner, Mississippi River Commission	3	5,000	3	5,000	2.9	5,000
Engineer	53	4,057	53	4,057	46.3	4,072
Associate engineer	4	3,950	4	3,900	3.3	3,880
Assistant engineer	4	4,050	4	4,000	8.4	4,020
Cost engineer					0.8	3,970
Electrical engineer					0.1	3,800
Hydroelectric engineer			4	4,650	1.3	3,903
Mechanical engineer	1	3,800	1	3,800		
Inspector, overseer, and foreman	1	4,745	1	4,745	1	3,897
Chief lithographer	1	3,800	1	3,800	1	3,800
Master, mate, pilot, steam, and gasoline engineer	7	3,825	7	3,800	5.9	3,826
Mechanic	0.5	4,068	0.5	4,068	0.8	4,076
Chief statistician	1	4,200	1	4,200	1	4,200
Superintendent	1.5	4,400	1.5	4,400	0.1	4,522
Salary range, $3,300 to $3,900; average, $3,600—						
Accountant	1	3,600	1	3,600	0.1	3,900
Chief clerk	3	3,466	3	3,466	3	3,411
Clerk					0.3	3,900
Dredge engineer, master, mate, and runner	9	3,611	9	3,611	6.2	3,552
Chief electrician	1	3,600	1	3,600	0.7	3,484
Engineer	2	3,800	2	3,800	2.3	3,706
Associate engineer	25	3,446	25	3,428	25	3,407
Assistant engineer	3	3,600	3	3,600	6.3	3,600
Junior engineer					0.5	3,300
Mechanical and electrical inspector					0.3	3,300
Inspector, overseer, and foreman	7	3,672	8	3,628	7	3,448
Master, mate, pilot, steam, and gasoline engineer	24	3,534	24	3,534	19.7	3,530
Mechanic	4	3,545	4	3,545	1.5	3,454
Superintendent	1	3,400	1	3,400	1	3,383
Temporary employee	1	3,404	2	3,352	1.5	3,399
Salary range, $3,000 to $3,600; average, $3,300—						
Accountant					0.3	3,000
Chief clerk	27	3,103	27	3,070	27.3	3,026
Clerk	1	3,000	1	3,000	1	3,000
Draftsman	7	3,000	7	3,075	6.2	3,040
Dredge engineer, master, mate, and runner	14	3,164	14	3,164	17.3	3,081
Engineer					0.1	3,600
Associate engineer	53	3,137	53	3,268	51.1	3,205
Assistant engineer	9	3,231	9	3,228	12.2	3,256
Hydroelectric engineer			6	3,183	0.3	3,000

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Consolidated schedule of field employees paid from river and harbor appropriations—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service—Continued.						
Salaries and wages—Continued.	*Average—*		*Average—*		*Average—*	
Salary range, $3,000 to $3,600; average, $3,300—Con.	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Junior engineer	1	$3,200	1	$3,200	1.4	$3,194
Engineman, fireman, and pumpman	1	3,300	1	3,200	1.5	3,000
Geologist			1	3,600	0.2	3,000
Mechanical and electrical inspector	1	3,000	1	3,000	1	3,020
Inspector, overseer, and foreman	16	3,169	16	3,132	20.5	3,157
Master, mate, pilot, steam and gasoline engineer	44	3,113	44	3,110	47.2	3,056
Master mechanic	1	3,000	1	3,000	1	3,000
Mechanic	3	3,130	3	3,130	2.8	3,051
Superintendent	7	3,185	7	3,185	5.2	3,168
Salary range, $2,700 to $3,300; average, $3,000—						
Chief clerk	13	2,700	11	2,820	12.8	2,772
Clerk	1	3,000	1	2,900	1	2,750
Draftsman	2	2,950	1	2,700		
Dredge engineer, master, mate, and runner	30	2,897	30	2,878	26.9	2,862
Associate engineer					0.5	2,900
Assistant engineer	33	2,825	33	2,803	26.6	2,778
Junior engineer	6	2,838	6	2,777	11.2	2,781
Motor engineer					0.8	2,916
Inspector, overseer, and foreman	40	2,805	40	2,805	34.8	2,727
Master, mate, pilot, steam and gasoline engineer	108	2,824	108	2,822	109.5	2,831
Master mechanic	2	2,850	2	2,850	2	2,864
Mechanic					0.9	3,053
Superintendent	10	2,835	10	2,825	10.8	2,805
Surveyor	1	2,700	1	2,700	1	2,700
Acetylene welder	1	2,900	1	2,900	0.8	2,994
Temporary employee	9	2,888	10	3,028	11	2,893
Salary range, $2,400 to $3,000; average, $2,700—						
Accountant	1	2,500	1	2,500		
Chief clerk	7	2,667	7	2,587	4.8	2,573
Clerk	25	2,560	25	2,510	24.9	2,423
Craneman	2	2,600	2	2,600	1.8	2,611
Diver	2	2,800	2	2,800	4.5	2,499
Draftsman	9	2,588	9	2,657	12	2,494
Dredge engineer, master, mate, and runner	50	2,508	50	2,502	44.7	2,482
Assistant engineer	63	2,607	63	2,594	63.5	2,579
Hydroelectric engineer					1	2,799
Junior engineer	16	2,551	18	2,600	16.9	2,616
Motor engineer	1	2,800	1	2,800	0.2	2,400
Engineman, fireman, and pump man	5	2,480	5	2,480	4.3	2,480
Engraver and lithographer	4	2,425	4	2,425	3.9	2,417
Geologist			2	2,850	0.3	2,400
Mechanical and electrical inspector	1	2,700	1	2,700	1	2,700
Inspector, overseer, and foreman	68	2,509	69	2,511	67.8	2,518
Lever man	6	2,550	6	2,550	4.9	2,526
Lock master	1	2,600	1	2,600	1	2,470
Master, mate, pilot, steam and gasoline engineer	210	2,548	210	2,542	203.8	2,537
Mechanic	14	2,508	14	2,508	12.1	2,473
Radio operator	1	2,500	1	2,500	1	2,400
Statistician	2	2,600	2	2,600	2	2,491
Storekeeper	1	2,600	1	2,600	1	2,400
Superintendent	8	2,612	8	2,612	8.5	2,541
Surveyor	4	2,525	4	2,525	3.1	2,435
Temporary employee	1	2,700				
Salary range, $2,100 to $2,700; average, $2,400—						
Accountant	3	2,300	3	2,266	2.8	2,170
Chief clerk	4	2,300	4	2,300	2.8	2,188
Clerk	64	2,297	61	2,260	59.9	2,179
Craneman	8	2,162	8	2,150	7.3	2,136
Dam tender					0.3	2,500
Draftsman	24	2,218	25	2,200	21	2,136
Dredge engineer, master, mate, and runner	90	2,310	90	2,294	69.2	2,246
Engineer					2	2,274
Assistant engineer	4	2,500	6	2,516	5	2,460
Cost engineer	1	2,200	1	2,200	0.4	2,275
Junior engineer	26	2,248	26	2,213	16.4	2,138
Engineman, fireman, and pump man	78	2,300	78	2,287	79.3	2,311
Engraver and lithographer	5	2,240	5	2,240	5.9	2,154
Handy man	1	2,191	1	2,191	0.9	2,180
Mechanical and electrical inspector	5	2,400	5	2,400	4	2,400
Inspector, overseer, and foreman	202	2,234	210	2,229	206.4	2,226
Lever man	34	2,215	34	2,215	37.7	2,209
Lock master	8	2,175	8	2,175	7.2	2,145
Lockman					0.2	2,459
Master, mate, pilot, steam and gasoline engineer	220	2,270	220	2,355	220.8	2,437
Master mechanic	1	2,200	1	2,200	1	2,200
Mechanic	55	2,220	55	2,220	54.2	2,227
Radio operator	1	2,200	1	2,200	1	2,100
Statistician	1	2,500	1	2,400	1	2,256
Steward	4	2,195	4	2,195	3.3	2,225
Superintendent	2	2,350	2	2,350	0.4	2,520
Survey man and levelman	5	2,168	6	2,190	4.6	2,278
Surveyor	10	2,300	10	2,290	9	2,192
Welder	3	2,268	3	2,268	4.8	2,191
Temporary employee	4	2,504	4	2,390	4	2,539
Salary range, $1,860 to $2,400; average, $2,100—						
Accountant	1	2,400	1	2,400	0.2	1,916
Boatman and seaman	9	2,026	10	2,017	7.6	1,943
Clerk	85	1,993	90	1,971	82.7	1,972
Cook and helper	11	1,909	11	1,909	9.4	1,895
Craneman	7	1,911	7	1,911	5.6	2,021
Draftsman	21	2,080	25	2,118	20.4	2,002
Dredge engineer, master, mate, and runner	40	2,038	40	2,035	38.6	1,987

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Consolidated schedule of field employees paid from river and harbor appropriations—Continued

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average—		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Field service—Continued.						
Salaries and wages—Continued.						
Salary range, $1,860 to $2,400; average, $2,100—Con.						
Assistant engineer					0.7	$2,285
Junior engineer	27	$2,199	33	$2,187	22.4	2,160
Engineman, fireman, and pumpman	97	1,942	96	1,940	102.3	1,943
Engraver and lithographer	4	1,935	4	1,935	0.9	2,044
Handy man	2	1,880	2	1,880	2.1	1,860
Inspector, overseer, and foreman	240	2,026	240	2,014	239.4	1,956
Laborer			1	2,050	2.1	2,002
Lever man	6	2,040	6	2,030	5.1	2,037
Lock master	30	1,991	30	1,996	28.7	1,989
Master, mate, pilot, steam and gasoline engineer	134	2,051	134	2,041	133.1	2,013
Mechanic	214	1,964	214	2,004	216.4	2,004
Radio operator	1	2,100	1	2,100	0.4	2,000
Assistant statistician	1	1,860	1	1,860		
Steward	16	2,003	16	1,997	15.8	1,980
Storekeeper	1	1,860	1	1,860	1	1,860
Survey man and levelman	33	2,028	36	2,074	36.1	1,854
Surveyor	20	2,113	20	2,130	17.7	2,026
Welder	5	2,035	5	2,035	1.9	2,050
Temporary employee	75	2,128	85	2,128	81.5	2,128
Salary range, $1,680 to $2,040; average, $1,860—						
Accountant	3	1,800	3	1,760	2.7	1,691
Boatman and seaman	24	1,712	24	1,712	22.5	1,697
Chauffeur	1	1,840	1	1,840	2	1,830
Clerk	100	1,744	100	1,767	96.9	1,796
Cook and helper	30	1,760	30	1,763	26.8	1,740
Craneman	5	1,778	5	1,778	3.6	1,792
Dam tender	38	1,726	38	1,726	37.6	1,730
Draftsman	15	1,868	16	1,852	13.5	1,860
Dredge engineer, master, mate, and runner	40	1,807	40	1,809	37.9	1,839
Junior engineer	4	1,908	4	1,800	0.6	1,848
Engineman, fireman, and pump man	100	1,789	100	1,791	94	1,768
Engraver and lithographer	4	1,725	4	1,710	2.7	1,777
Handy man	28	1,793	28	1,793	11.3	1,780
Inspector, overseer, and foreman	150	1,786	150	1,797	142.2	1,790
Laborer	2	1,710	2	1,710	2.7	1,742
Lever man	6	1,763	5	1,776	7.3	1,863
Lock master	67	1,825	67	1,825	64.7	1,780
Lockman	5	1,764	5	1,764	5.4	1,751
Master, mate, pilot, steam and gasoline engineer	75	1,809	75	1,814	61.8	1,806
Mechanic	110	1,797	110	1,794	105.6	1,782
Radio operator	6	1,840	6	1,840	2.8	1,914
Quartermaster	3	1,680	3	1,680	2.1	1,666
Assistant statistician	2	1,800	2	1,800	2	1,775
Steward	14	1,789	14	1,789	14.3	1,766
Storekeeper	4	1,785	4	1,770	4	1,718
Survey man and levelman	45	1,768	50	1,790	48.8	1,809
Surveyor	7	1,815	7	1,808	4.8	1,776
Watchman, bridge tender, and ship keeper	1	1,680	1	1,680	0.3	1,933
Welder	2	1,800	2	1,800	2.2	1,749
Miscellaneous					1.7	1,857
Temporary employees	1	1,800	1	1,800	1	1,822
Salary range, $1,500 to $1,860; average, $1,680—						
Accountant	1	1,800	1	1,800	0.2	1,500
Boatman and seaman	130	1,635	135	1,617	126	1,590
Chauffeur	6	1,550	6	1,550	5.8	1,917
Clerk	110	1,626	110	1,606	118.6	1,602
Cook and helper	60	1,591	65	1,595	59.1	1,585
Craneman					1	1,552
Custodian	1	1,740	1	1,740	1	1,564
Dam tender	9	1,743	9	1,640	7.8	1,560
Draftsman	6	1,600	6	1,560	5.1	1,576
Dredge engineer, master, mate, and runner	10	1,560	10	1,560	11.6	1,580
Chief electrician	4	1,755	4	1,695	4	1,695
Engineman, fireman, and pump man	228	1,620	236	1,613	270.8	1,572
Handy man	15	1,584	15	1,580	17.9	1,609
Mechanics' helper	6	1,660	6	1,660	6.2	1,609
Inspector, overseer, and foreman	150	1,631	160	1,625	141	1,566
Laborer	16	1,612	16	1,612	18.1	1,591
Lever man	5	1,716	5	1,716	0.5	1,568
Lockmaster	21	1,623	21	1,611	20.6	1,591
Lockman	51	1,555	51	1,555	46.8	1,508
Master, mate, pilot, steam and gasoline engineer	46	1,586	46	1,588	46.8	1,583
Mechanic	110	1,582	115	1,579	110.4	1,570
Messenger	1	1,620	1	1,560	1	1,560
Radio operator					1	1,589
Quartermaster	1	1,620	1	1,620	0.3	1,800
Storekeeper	3	1,600	3	1,600	2.9	1,570
Assistant statistician	1	1,500	1	1,500		
Steward	30	1,592	30	1,593	27.3	1,586
Survey man and levelman	45	1,581	55	1,612	59.5	1,581
Surveyor					0.7	1,500
Watchman, bridge tender, and ship keeper	8	1,610	8	1,610	6.9	1,576
Welder	1	1,620	1	1,620	1.4	1,555
Engraver, lithographer, and transferrer	1	1,500	1	1,500	2	1,617
Miscellaneous	7	1,535	7	1,535	1.1	1,647
Employees, temporary	119	1,613	134	1,606	124.3	1,601
Salary range, $1,320 to $1,680; average, $1,500—						
Boatman and seaman	350	1,372	350	1,372	290.1	1,510
Chauffeur	12	1,445	15	1,432	12.5	1,407
Clerk	165	1,420	175	1,401	168.7	1,375
Cook and helper	95	1,414	95	1,414	89.5	1,586
Craneman	4	1,435	4	1,435	3.9	1,422

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Consolidated schedule of field employees paid from river and harbor appropriations—Continued

	Estimated expenditures, 1929 appropriation		Estimated expenditures 1928 appropriation		Expended and obligated 1927	
	Average—		*Average*—		*Average*—	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Field service—Continued.						
Salaries and wages—Continued.						
Salary range, $1,320 to $1,680; average, $1,500—Con.						
Dam tender	1	$1,320	1	$1,320	1	$1,430
Draftsman	4	1,487	4	1,486	3.2	1,468
Dredge engineer, master, mate, and runner	10	1,444	10	1,444	7.7	1,405
Engine man, fireman, and pump man	375	1,384	380	1,382	360	1,375
Handy man	13	1,458	14	1,462	20.8	1,417
Mechanics' helper	35	1,466	35	1,466	28.8	1,468
Inspector, overseer, and foreman	39	1,416	37	1,413	40.2	1,415
Janitor	2	1,350	2	1,350	2	1,327
Laborer	40	1,394	50	1,416	33.1	1,419
Lever man					0.4	1,320
Lineman	50	1,395	50	1,395	37.5	1,322
Lock master	29	1,467	28	1,464	27.7	1,430
Lockman	349	1,510	350	1,510	342.5	1,485
Master, mate, pilot, steam and gasoline engineer	51	1,363	51	1,363	50.4	1,381
Mechanic	29	1,414	28	1,411	24.5	1,404
Messenger	2	1,440	2	1,410	1.6	1,346
Radio operator					2.7	1,320
Quartermaster	16	1,410	16	1,410	14.5	1,405
Storekeeper	4	1,500	4	1,500	5.2	1,427
Steward	12	1,375	12	1,375	10.7	1,421
Survey man and levelman	28	1,415	34	1,451	24.8	1,380
Watchman, bridge tender, and ship keeper	25	1,397	30	1,394	24	1,384
Miscellaneous	6	1,320	6	1,320		
Temporary employees	327	1,425	337	1,425	394.8	1,416
Salary range, $1,140 to $1,500; average, $1,320—						
Boatman and seaman	525	1,225	550	1,223	522.4	1,226
Chauffeur	3	1,260	3	1,260	3.1	1,239
Clerk	39	1,286	39	1,266	37	1,232
Cook and helper	55	1,241	57	1,229	53.2	1,244
Craneman	3	1,417	3	1,417	3	1,411
Dam tender	2	1,320	2	1,290	1.1	1,241
Draftsman	6	1,140	6	1,140	1.4	1,140
Dredge engineer, master, mate, and runner	2	1,210	2	1,240	1.4	1,209
Engine man, fireman, and pump man	223	1,280	223	1,260	243.3	1,253
Handy man	30	1,279	31	1,274	29.2	1,249
Mechanics' helper	10	1,266	10	1,266	21.5	1,249
Inspector, overseer, and foreman	19	1,272	16	1,286	18.5	1,258
Janitor	3	1,140	3	1,140	2.1	1,172
Laborer	265	1,179	275	1,143	250.4	1,176
Lever man	1	1,200	1	1,200	2	1,137
Lineman	2	1,230	2	1,230	7.7	1,289
Lock master	49	1,244	49	1,235	46.5	1,221
Lockman	86	1,268	84	1,238	75.2	1,235
Master, mate, pilot, steam and gasoline engineer	10	1,260	12	1,250	7.9	1,254
Mechanic	7	1,500	6	1,500	9.2	1,472
Messenger	15	1,236	15	1,224	13.1	1,201
Telephone operator	3	1,200	3	1,180	2.9	1,181
Quartermaster	2	1,260	2	1,260	7.9	1,288
Storekeeper	1	1,500	1	1,500	1	1,440
Steward	3	1,333	3	1,333	2.4	1,268
Survey man and levelman	12	1,243	12	1,238	15.3	1,204
Watchman, bridge tender, and ship keeper	55	1,234	55	1,227	56.2	1,191
Miscellaneous	5	1,260	10	1,200		
Temporary employees	780	1,287	845	1,285	774.8	1,298
Salary range, $1,020 to $1,260; average, $1,140—						
Boatman and seaman	410	1,071	420	1,071	398.5	1,062
Clerk	3	1,080	3	1,080	2.8	1,050
Cook and helper	37	1,014	37	1,014	31	1,016
Draftsman					0.2	1,251
Engineman, fireman, and pump man	41	1,137	45	1,132	36.6	1,088
Handy man	4	1,055	4	1,055	4.8	1,029
Inspector, overseer, and foreman	1	1,200	1	1,200	1	1,200
Janitor	5	1,116	5	1,104	3.3	1,059
Laborer	225	1,185	250	1,171	240.1	1,148
Lock master	24	1,115	24	1,095	24	1,080
Lockman	48	1,084	46	1,070	54.4	1,060
Mechanic					0.7	1,026
Messenger	2	1,140	1	1,200	2.5	1,132
Telephone operator	1	1,140	1	1,140	1	1,035
Survey man and levelman					1.2	1,158
Watchman, bridge tender, and ship keeper	30	1,142	30	1,127	28.9	1,126
Temporary employees	2,365	1,074	2,254	1,073	2,481.1	1,080
Salary range, $900 to $1,140; average, $1,020—						
Boatman and seaman	193	990	187	982	192.9	981
Chauffeur					0.5	1,080
Clerk	5	942	6	965	2	1,008
Cook and helper	120	966	120	964	119.6	960
Dam tender	1	1,080	1	1,080	1	1,080
Draftsman					0.8	1,063
Engineman, fireman, and pump man	15	1,012	15	1,012	19.3	992
Handy man	3	1,013	3	1,013	2.9	993
Mechanic's helper	3	900	3	900	1.8	1,129
Inspector, overseer, and foreman	6	1,140	6	1,136	6	1,043
Janitor	2	990	2	990	1.1	927
Laborer	250	981	255	975	228.5	980
Lineman					1.2	969
Lock master	21	1,094	21	1,094	21	1,095
Lockman	60	1,045	60	1,045	59.9	1,064
Master, mate, pilot, steam and gasoline engineer	1	1,000	1	1,000	0.6	1,110
Mechanic	2	1,010	2	1,010	1.6	1,068
Messenger	3	960	3	920	2.5	932
Miscellaneous	20	987	25	987	15	971
Telephone operator	2	900	2	900	0.4	1,013
Quartermaster					0.2	900

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Consolidated schedule of field employees paid from river and harbor appropriations—Continued

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average—		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Field service—Continued.						
Salaries and wages—Continued.						
Salary range, $900 to $1,140; average, $1,020—Con.						
Gauge reader					2	$960
Steward					0.1	900
Survey man and levelman	4	$1,005	4	$1,005	3.6	1,003
Watchman, bridge tender, and ship keeper	47	961	47	960	43.9	964
Temporary employees	1,843	1,037	1,866	1,004	2,033	956
Salary range, $780 to $1,020; average, $900—						
Boatman and seaman	15	856	17	854	22.1	867
Cook and helper	5	780	4	780	4.8	880
Engineman, fireman, and pump man	6	860	6	860	7.7	856
Handy man			1	840	3	840
Laborer	53	844	66	866	82.6	836
Lockman	1	780	1	780	1	780
Messenger	1	900	1	840		
Telephone operator					0.1	1,020
Watchman, bridge tender, and ship keeper	7	868	7	868	6.8	867
Temporary employees	250	900	255	898	246.1	905
Salary range, $600 to $780; average, $690—						
Boatman and seaman	7	780	7	780	10.6	741
Charwoman and laundress	1	720	1	720	1.5	700
Clerk	1	630	1	630	1	616
Cook and helper	3	680	3	680	4.8	691
Laborer	40	711	45	711	31.1	710
Master, mate, pilot, steam and gasoline engineer	1	720	1	720	1	720
Messenger	1	600	1	600	2	675
Telephone operator	1	660	1	660	1	660
Gauge reader					0.8	675
Watchman, bridgetender, and shipkeeper					1	720
Temporary employees	3,047	715	3,580	740	3,068.3	628
Salary range, $420 to $600; average, $510—						
Boatman and seaman					0.9	560
Charwoman and laundress					0.4	600
Cook and helper					0.3	428
Laborer	3	580	3	580	3.8	573
Telephone operator	1	420	1	420	1	420
Steward					0.9	538
Engineman, fireman, and pumpman					0.1	500
Temporary employees					5.2	519
Salary range, $240 to $420; average, $330—						
Charwoman and laundress					0.4	241
Laborer	40	300	40	300	40	300
Gauge reader	12	235	12	225	12.3	226
Temporary employees	3	131	3	131	3.2	166
Salary range, $120 to $240; average, $180—						
Gauge reader	35	165	35	165	35.2	136
Charwoman and laundress					0.6	120
Laborer					1.8	120
Temporary employees	1	163	1	120		
Total average number of employees	18,770		19,551		18,943.8	
Total salaries and wages, field service	25,296,364.28		26,152,333.03		24,789,773.10	
The difference between 1929 and 1928 is due to—						
Decrease in force	$810,918.00					
Decrease in salaries	45,050.75					
Total decrease	855,968.75					
Deduct allowance value of quarters, subsistence, etc., furnished	3,937,657.83		4,050,027.83		3,588,225.86	
Total personal services, cash payment	21,358,706.45		22,102,306.20		21,201,547.24	
The salaries and wages in the foregoing schedule are distributed to appropriations as follows:						
Maintenance and improvement of existing river and harbor works	13,216,732.00		13,865,080.00		12,445,336.97	
Examinations, surveys, and contingencies of rivers and harbors			241,854.00		197,179.20	
Flood control, Mississippi River	3,915,043.00		3,744,593.00		3,893,732.70	
Flood control, Sacramento River	300,000.00		307,000.00		299,713.14	
Operating snagboats on the Ohio River	26,000.00		26,000.00		23,316.43	
Removing obstructions in Mississippi, Atchafalaya, and Old Rivers	65,000.00		65,000.00		50,566.19	
Operating snag and dredge boats on upper Mississippi, Illinois, and Minnesota Rivers	12,150.00		12,150.00		8,825.17	
Gauging waters of the Mississippi River and its tributaries	6,750.00		6,750.00		8,297.58	
Maintenance of channel, South Pass, Mississippi River	58,045.60		58,633.60		55,582.76	
Examinations and surveys at South Pass, Mississippi River	3,627.85		3,664.60		4,884.63	
Operating and care of canals and other works of navigation	3,409,112.00		3,136,365.00		3,581,693.51	
Removing sunken vessels or craft obstructing or endangering navigation	19,330.00		18,470.00		27,692.79	
Funds contributed for river and harbor improvements (miscellaneous)	80,000.00		114,309.00		109,364.04	
Funds contributed for flood control Mississippi River	150,366.00		384,366.00		410,610.77	
Funds advanced for river and harbor improvements	8,000.00		27,450.00		6,199.01	
Miscellaneous appropriations for which no estimates are submitted	88,550.00		90,620.00		78,552.35	
Total, as per foregoing schedule	21,358,706.45		22,102,306.20		21,201,547.24	

Total, rivers and harbors, annual appropriations	$60,675,000.00	$60,850,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
PERMANENT SPECIFIC APPROPRIATIONS		
Removing Obstructions in Mississippi, Atchafalaya, and Old Rivers	$100,000.00	$100,000.00
Operating Snag and Dredge Boats on Upper Mississippi, Illinois, and Minnesota Rivers	25,000.00	25,000.00

That for the purpose of securing the uninterrupted work of operating snag boats on the upper Mississippi River, and of removing snags, wrecks, and other obstructions in the Mississippi River, the Secretary of War, upon the application of the Chief of Engineers, is hereby authorized to draw his warrant or requisition from time to time upon the Secretary of the Treasury for such sums as may be necessary to do such work, not to exceed in the aggregate for each year the amounts appropriated in this act for such purposes: *Provided, however,* That an itemized statement of such expenses shall accompany the annual report of the Chief of Engineers.

That the annual appropriation for operating snag boats on the upper Mississippi River, made by section 7 of the act of August 11, 1888, entitled "An act making appropriations for the construction, repair, and preservation of certain public works on rivers and harbors, and for other purposes," is hereby made available for similar purposes on the Illinois River, from its mouth to Copperas Creek.

The permanent annual appropriation for the removal of snags in the Mississippi River, under the river and harbor act of August 11, 1888, shall be available for the removal of snags and other floating and sunken obstructions in the Atchafalaya and Old Rivers from the junction with the Mississippi and Red Rivers down the Atchafalaya River as far as Melville, Louisiana, and so much of said appropriation as the Secretary of War may deem necessary may be expended for such removal.

That the annual appropriation for operating snag boats on the upper Mississippi River, made by section 7 of the river and harbor act of August 11, 1888, is hereby made available for similar purposes on the Minnesota River, and other tributaries of the upper Mississippi River now or heretofore improved by the United States (*U. S. C., p. 1083, secs. 604, 605*).

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	REMOVING OBSTRUCTIONS IN MISSISSIPPI, ATCHAFALAYA, AND OLD RIVERS			
	Field service:			
01	Total salaries and wages (see consolidated schedule)	$65,000.00	$65,000.00	$50,566.19
	Supplies and materials:			
0200	Stationery and office supplies	50.00	50.00	54.41
0210	Medical and hospital supplies	30.00	30.00	24.00
0230	Fuel	17,000.00	17,000.00	7,331.32
0260	Provisions	7,000.00	7,000.00	4,173.56
0280	Sundry supplies	1,000.00	1,000.00	499.57
0290	Materials	1,000.00	1,000.00	77.46
02	Total supplies and materials	26,080.00	26,080.00	12,160.32
	Communication service:			
0500	Telegraph service	20.00	20.00	14.68
0510	Telephone service	50.00	50.00	20.00
0520	Other communication service (postage and post-office rent)	20.00	20.00	9.50
05	Total communication service	90.00	90.00	44.18
06	Travel expenses	500.00	500.00	1,151.51
07	Transportation of things (service)	200.00	200.00	229.56
12	Repairs and alterations	4,000.00	4,000.00	34,035.45
13	Special and miscellaneous current expenses	150.00	150.00	90.00
	Equipment:			
3010	Furniture, furnishings, and fixtures	700.00	700.00	495.18
3050	Other equipment	3,280.00	3,280.00	1,100.00
30	Total equipment	3,980.00	3,980.00	1,595.18
				99,872.39
	Unobligated balance			127.61
	Total	100,000.00	100,000.00	100,000.00
	OPERATING SNAG AND DREDGE BOATS ON UPPER MISSISSIPPI, ILLINOIS, AND MINNESOTA RIVERS			
	Field service:			
	Cash payment, salaries and wages (see consolidated schedule)	12,150.00	12,150.00	8,825.17
	Deduct expenditures for personal services included in objects named below	1,000.00	1,000.00	1,095.08
01	Total personal services	11,150.00	11,150.00	7,730.09

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Operating Snag and Dredge Boats on Upper Mississippi, Illinois, and Minnesota Rivers—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Supplies and materials:			
0230 Fuel	$4,800.00	$4,800.00	$1,781.86
0260 Provisions	1,500.00	1,500.00	1,333.54
0280 Sundry supplies	400.00	400.00	81.74
02 Total supplies and materials	6,700.00	6,700.00	3,197.14
11 Other rents	5,000.00	5,000.00	3,206.69
12 Repairs and alterations	1,500.00	1,500.00	1,558.58
13 Special and miscellaneous current expenses	550.00	550.00	868.61
30 Other equipment	100.00	100.00	147.16
			16,708.27
Unobligated balance			8,291.73
Total	25,000.00	25,000.00	25,000.00

Maintenance of Channel, South Pass, Mississippi River—

The act of Congress approved June 6, 1900 (31 Stat., p. 585, sec. 3), provides that the Secretary of War is hereby authorized, in his discretion, to terminate the contract heretofore entered into with the late James B. Eads, for the maintenance of the channel through the South Pass of the Mississippi River, in pursuance of an act of Congress approved March 3, 1875, * * * and of an act of Congress approved June 19, 1878, * * * and of an act of Congress approved March 3, 1879, * * *. In case of the termination of said contract by virtue of the provisions hereof or by expiration of said contract, the Secretary of War is hereby directed to take charge of said channel, including the jetties, and all auxiliary works connected therewith, and thereafter to maintain with the utmost efficiency said South Pass Channel; and for that purpose he is hereby authorized to draw his warrants from time to time on the Treasurer of the United States, until otherwise provided for by law, for such sums of money as may be necessary, not to exceed in the aggregate for any one year $100,000 * * * (*U. S. C., p. 1083, sec. 602*) $100,000.00 $100,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927,
Field service:			
01 Cash payment, salaries and wages (see consolidated schedule)	$58,045.60	$58,633.60	$55,582.76
Deduct expenditures for personal services included in objects named below	58,045.60	58,633.60	55,582.76
12 Repairs and alterations	85,000.00	85,000.00	78,000.00
32 Other structures	15,000.00	15,000.00	22,000.00
Total	100,000.00	100,000.00	100,000.00

Examinations and Surveys at South Pass, Mississippi River—

The provisions of the act of March 3, 1875, and of the act of August 11, 1888, with regard to examinations and surveys of South Pass, mouth of the Mississippi River, shall remain in force as fully as though they were herein reenacted in express terms, notwithsanding the termination of the contract with the late James B. Eads and associates (*U. S. C., p. 1083, sec. 602*) 10,000.00 10,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Field service:			
01 Cash payment, salaries and wages (see consolidated schedule)	$3,627.85	$3,664.60	$4,884.63
Deduct expenditures for personal services included in objects named below	3,627.85	3,664.60	4,884.63
32 Nonstructural improvements	10,000.00	10,000.00	10,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Gauging Waters of the Mississippi River and Its Tributaries— For the purpose of securing the uninterrupted gauging of the waters of the Mississippi River and its tributaries, as provided for in joint resolution of the twenty-first of February, 1871, upon the application of the Chief of Engineers, the Secretary of War is hereby authorized to draw his warrant or requisition from time to time upon the Secretary of the Treasury for such sums as may be necessary to do such work, not to exceed in the aggregate for each year the sum of $9,600: *Provided, however,* That an itemized statement of said expenses shall accompany the annual report of the Chief of Engineers (*U. S. C., p. 1048, sec. 4*)	$9,600.00	$9,600.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Field service:			
Cash payment, salaries and wages (see consolidated schedule)	$6,750.00	$6,750.00	$8,397.58
Deduct expenditures for personal services included in objects named below	500.00	500.00	362.50
01 Total personal services	6,250.00	6,250.00	7,935.08
Supplies and materials:			
02011 Printed forms and letterheads	400.00	400.00	362.50
0230 Fuel	225.00	225.00	74.55
0260 Provisions	1,000.00	1,000.00	97.59
0280 Sundry supplies	75.00	75.00	15.90
02 Total supplies and materials	1,700.00	1,700.00	550.54
05 Communication service (telephone)	10.00	10.00	
06 Travel expenses	100.00	100.00	123.53
07 Transportation of things (service)	5.00	5.00	
08 Photographing and making photographs and prints (job work)	210.00	210.00	2.30
Rents:			
1100 Rent of buildings and structures	100.00	100.00	103.50
1110 Other rents	550.00	550.00	150.00
11 Total rents	650.00	650.00	253.50
12 Repairs and alterations	600.00	600.00	554.07
13 Special and miscellaneous current expenses	40.00	40.00	4.82
30 Other equipment	10.00	10.00	2.64
32 Other structures	25.00	25.00	23.52
			9,450.00
Unobligated balance			150.00
Total	9,600.00	9,600.00	9,600.00

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Operating Snag Boats on the Ohio River— For the purpose of securing the uninterrupted work of operating snag boats on the Ohio River and removing snags, wrecks, and other obstructions in said river, the Secretary of War, upon the application of the Chief of Engineers, is hereby authorized to draw his warrant or requisition from time to time upon the Secretary of the Treasury for such sums as may be necessary to do such work, not to exceed in the aggregate for each year the sum of $25,000: *Provided, however,* That an itemized statement of said expenses shall accompany the annual report of the Chief of Engineers. Section 13 of "An act making appropriations for the construction, repair, and preservation of certain public works on rivers and harbors, and for other purposes," approved September 19, 1890, is hereby amended by inserting the words "fifty thousand dollars" in lieu of the words "twenty-five thousand dollars" therein contained (*U. S. C., p. 1083, sec. 606*)	50,000.00	50,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Field service:			
01 Total salaries and wages (see consolidated schedule)	$26,000.00	$26,000.00	$23,316.43
Supplies and materials:			
0200 Stationery and office supplies	100.00	100.00	6.79
0230 Fuel	4,000.00	4,000.00	2,994.56
0260 Provisions	6,000.00	6,000.00	3,879.70
0280 Sundry supplies	4,300.00	4,300.00	3,583.21
02 Total supplies and materials	14,400.00	14,400.00	10,464.26

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Operating Snag Boats on the Ohio River—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Communication service:			
0500	Telegraph service	$5.00	$5.00	$0.51
0510	Telephone service	100.00	100.00	8.40
05	Total communication service	105.00	105.00	8.91
06	Travel expenses	100.00	100.00	59.53
07	Transportation of things (service)	105.00	105.00	.50
12	Repairs and alterations	8,500.00	8,500.00	11,649.90
	Special and miscellaneous current expenses:			
1373	Laundry and towel service	300.00	300.00	258.26
1380	Special and miscellaneous expenses, not elsewhere classified	350.00	350.00	400.22
13	Total special and miscellaneous current expenses	650.00	650.00	658.48
30	Furniture, furnishings, and fixtures	140.00	140.00	4.00
				46,162.01
	Unobligated balance			3,837.99
	Total	50,000.00	50,000.00	50,000.00

Permanent International Commission of Congresses of Navigation—

That the sum of $3,000 a year is hereby appropriated, out of any money in the Treasury not otherwise appropriated, for the support and maintenance of the permanent international commission of the congresses of navigation and for the payment of the actual expenses of the properly accredited national delegates of the United States to the meetings of the congresses and of the commission; * * * (*U. S. C., p. 662, sec. 266*) $3,000.00 $3,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
02	Stationery and office supplies	$150.00	$150.00	
	Communication service:			
0500	Telegraph service	10.00	10.00	$1.21
0521	Postage	10.00	10.00	
05	Total communication service	20.00	20.00	1.21
	Travel expenses:			
0601	Railway fares	200.00	200.00	110.30
0602	Water transportation	625.00	625.00	651.77
0620	Mileage	300.00	300.00	180.76
0630	Per diem in lieu of subsistence	625.00	625.00	1,046.80
06	Total travel expenses	1,750.00	1,750.00	1,989.63
	Transportation of things (service):			
0700	Freight	50.00	50.00	
0730	Local drayage	30.00	30.00	5.17
07	Total transportation of things	80.00	80.00	5.17
22	Contributions to international organizations	1,000.00	1,000.00	1,000.00
				2,996.01
	Unobligated balance			3.99
	Total	3,000.00	3,000.00	3,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
PERMANENT INDEFINITE APPROPRIATIONS		
Operating and Care of Canals and Other Works of Navigation— That no tolls or operating charges whatever shall be levied upon or collected from any vessel, dredge, or other water craft for passing through any lock, canal, canalized river, or other work for the use and benefit of navigation, now belonging to the United States or that may be hereafter acquired or constructed; and for the purpose of preserving and continuing the use and navigation of said canals and other public works without interruption the Secretary of War, upon the recommendation of the Chief of Engineers, United States Army, is hereby authorized to draw his warrant or requisition from time to time upon the Secretary of the Treasury to pay the actual expenses of operating, maintaining, and keeping said works in repair, which warrants or requisitions shall be paid by the Secretary of the Treasury out of any money in the Treasury not otherwise appropriated (*U. S. C., p. 1048, sec. 5*)	$5, 500, 000. 00	$5, 200, 000. 00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Field service:			
	Cash payment, salaries and wages (see consolidated schedule)	$3, 409, 112. 00	$3, 136, 365. 00	$3, 581, 693. 51
	Deduct expenditures for personal services included in objects named below	1, 007, 057. 00	950, 030. 00	1, 140, 553. 56
	Net salaries and wages	2, 402, 055. 00	2, 186, 335. 00	2, 441, 139. 95
0121	Pay of commissioned officers	2, 000. 00	1, 860. 00	1, 252. 17
0140	Allowances for quarters, heat, light, etc	400. 00	600. 00	378. 58
01	Total personal services	2, 404, 455. 00	2, 188, 735. 00	2, 442, 770. 70
	Supplies and materials:			
0200	Stationery and office supplies	8, 460. 00	7, 698. 00	8, 451. 91
0201	Stationery	500. 00	450. 00	444. 30
02011	Printed forms and letterheads	700. 00	600. 00	666. 62
02012	Other stationery	1, 500. 00	1, 400. 00	1, 534. 28
0210	Medical and hospital supplies	520. 00	480. 00	415. 54
0220	Scientific and educational supplies	155. 00	150. 00	115. 75
0230	Fuel	190, 630. 00	172, 875. 00	192, 261. 14
0240	Wearing apparel and sewing supplies	900. 00	900. 00	820. 93
0260	Provisions	100, 600. 00	95, 890. 00	102, 202. 51
0270	Powder, projectiles, etc	420. 00	400. 00	75. 71
0280	Sundry supplies	125, 725. 00	124, 355. 00	127, 658. 31
0290	Materials (construction)	55, 150. 00	55, 250. 00	63, 810. 98
02	Total supplies and materials	485, 260. 00	460, 448. 00	498, 457. 38
03	Subsistence and support of persons (service)	900. 00	800. 00	639. 00
04	Subsistence and care of animals and storage and care of vehicles (service)			36. 13
	Communication service:			
0500	Telegraph service	886. 00	798. 00	288. 69
0510	Telephone service	27, 765. 00	26, 465. 00	27, 460. 18
0520	Other communication service	421. 00	421. 00	253. 15
05	Total communication service	29, 072. 00	27, 684. 00	28, 002. 02
06	Travel expenses	21, 220. 00	20, 840. 00	21, 849. 28
07	Transportation of things (service)	50, 700. 00	50, 322. 00	57, 825. 71
	Printing and binding, etc.:			
0810	Lithographing, engraving, and engrossing	95. 00	95. 00	92. 19
0820	Stenographic work, typewriting, and duplicating work, etc	250. 00	250. 00	279. 40
0830	Photographing and making photographs and prints (job work)	2, 555. 00	2, 455. 00	2, 614. 95
08	Total printing and binding, etc	2, 900. 00	2, 800. 00	2, 986. 54
09	Advertising and publication of notices (service)	470. 00	480. 00	356. 94
10	Furnishing of heat, light, power, water, and electricity (service)	35, 885. 00	35, 405. 00	36, 644. 08
	Rents:			
1100	Rent of buildings and structures	19, 773. 00	18, 783. 00	19, 945. 61
1110	Other rents	26, 875. 00	26, 395. 00	41, 321. 33
11	Total rents	46, 648. 00	45, 178. 00	61, 266. 94
12	Repairs and alterations	1, 140, 306. 00	1, 107, 578. 00	1, 335, 007. 58
13	Special and miscellaneous current expenses	170, 330. 00	160, 150. 00	175, 084. 92
	Equipment:			
3000	Passenger-carrying vehicles	4, 500. 00	5, 237. 00	13, 956. 71
3010	Furniture, furnishings, and fixtures	8, 125. 00	7, 345. 00	6, 991. 79
3020	Educational, scientific, and recreational equipment	1, 705. 00	1, 705. 00	1, 688. 30
3050	Other equipment	491, 085. 00	486, 645. 00	488, 484. 08
30	Total equipment	505, 415. 00	500, 932. 00	511, 120. 88
	Structures and parts, etc.:			
3210	Other structures	589. 085, 70	580, 298. 00	583, 360. 26
3220	Nonstructural improvements	20, 650. 00	18, 350. 00	18, 319. 59
32	Total structures and parts	606, 439. 00	598, 648. 00	601, 679. 85
	Total	5, 500, 000. 00	5, 200, 000. 00	5, 773, 727. 95

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Removing Sunken Vessels or Craft Obstructing or Endangering Navigation—					
Indefinite appropriations for removal of obstructions to navigation (*U. S. C., p. 1070, sec. 416*)				$200,000.00	$200,000.00
Field service:					
Cash payment, salaries and wages (see consolidated schedule)	$19,330.00	$18,470.00	$27,692.79		
Deduct expenditures for personal services included in objects named below	12,820.00	8,195.00	13,281.48		
Net salaries and wages	6,510.00	10,275.00	14,411.31		
0150 Special and miscellaneous payments for personal services			45.18		
01 Total personal services	6,510.00	10,275.00	14,456.49		
Supplies and materials:					
0200 Stationery and office supplies	50.00	50.00	58.33		
02012 Other stationery	15.00	15.00	12.35		
0210 Medical and hospital supplies			5.50		
0230 Fuel	600.00	475.00	589.31		
0260 Provisions	590.00	480.00	572.23		
0270 Powder, projectiles, explosives, etc	140.00	45.00	145.00		
0280 Sundry supplies	160.00	108.00	164.49		
0290 Materials (not specifically allocated at time of purchase)	10.00	5.00	13.80		
02 Total supplies and materials	1,565.00	1,178.00	1,561.01		
03 Subsistence and support of persons (service)	118.00	122.00	122.15		
Communication service:					
0500 Telegraph service	54.00	54.00	12.98		
0510 Telephone service	27.00	30.00	28.65		
05 Total communication service	81.00	84.00	41.63		
06 Travel expenses	2,000.00	1,111.00	2,068.50		
07 Transportation of things (service)	550.00	500.00	561.43		
Printing, binding, etc.:					
0820 Stenographic work, typewriting and duplicating work, etc	10.00	30.00			
0830 Photographing and making photographs and prints	5.00	50.00			
08 Total printing, binding, etc	15.00	80.00			
09 Advertising and publication of notices (service)	250.00	300.00	196.96		
Rents:					
1100 Rent of buildings and structures	125.00	200.00	10.00		
1110 Other rents	2,050.00	550.00	2,114.92		
11 Total rents	2,175.00	750.00	2,124.92		
12 Repairs and alterations	2,500.00	2,393.00	2,767.18		
13 Special and miscellaneous current expenses	20,521.00	20,702.00	21,726.88		
Equipment:					
3010 Furniture, furnishings, fixtures, etc		10.00	40.80		
3050 Other equipment	7,835.00	7,836.00	7,888.57		
30 Total equipment	7,835.00	7,846.00	7,929.37		
Structures and parts, etc.:					
3210 Other structures	2,400.00	2,400.00	2,781.04		
3220 Nonstructural improvements	142,970.00	141,179.00	165,337.40		
3225 Razing structures and removing obstructions	10,510.00	10,080.00	5,528.11		
32 Total structures and parts, etc	155,880.00	153,659.00	173,646.55		
Total	200,000.00	200,000.00	227,203.07		
Total permanent specific and indefinite appropriations for rivers and harbors under Corps of Engineers				5,997,600.00	5,697,600.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

SPECIAL FUNDS

Funds Contributed for River and Harbor Improvements—

Indefinite appropriation of the amounts received and covered into the Treasury as contributions by citizens in certain localities for river and harbor improvements as provided in various acts of Congress (*U. S. C., p. 1080, see. 560; p. 1089, see. 702; p. 1090, sec. 703*) $300,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Field service:			
Cash payment, salaries and wages (see consolidated schedule)	$80,000.00	$114,309.00	$109,364.03
Deduct expenditures for personal services included in objects named below	78,000.00	111,781.00	103,064.07
Net salaries and wages	2,000.00	2,528.00	6,299.97
0121 Pay of commissioned officers	780.00	780.00	780.01
0140 Allowances for quarters, etc	220.00	223.00	223.33
01 Total personal services	3,000.00	3,531.00	7,303.31
Supplies and materials:			
0200 Stationery and office supplies	100.00	163.00	222.39
0210 Medical and hospital supplies			9.99
0220 Scientific and educational supplies			7.96
0230 Fuel	4,000.00	7,000.00	2,466.85
0260 Provisions	1,000.00	4,200.00	2,988.25
0270 Powder, projectiles, explosives, etc	650.00	9,600.00	5,768.46
0280 Sundry supplies	2,000.00	1,107.00	846.84
0290 Materials (not specifically allocated at time of purchase)		500.00	10.23
02 Total supplies and materials	7,750.00	22,570.00	12,320.97
03 Subsistence and support of persons (service)	2,000.00		
04 Subsistence and care of animals and storage and care of vehicles (service)	30.00	30.00	30.00
Communication service:			
0500 Telegraph service	5.00	10.00	4.13
0510 Telephone service	100.00	60.00	52.50
05 Total communication service	105.00	70.00	56.63
06 Travel expenses	550.00	950.00	868.53
07 Transportation of things (service)	475.00	1,875.00	1,322.44
08 Photographing and making photographs and prints (job work)	60.00		
10 Furnishing of heat, light, power, water, and electricity (service)	20.00	20.00	4.50
Rents:			
1100 Rent of buildings and structures	70.00		
1110 Other rents	3,470.00	8,211.00	9,136.91
11 Total rents	3,540.00	8,211.00	9,136.91
12 Repairs and alterations	10,935.00	19,885.00	16,087.94
13 Special and miscellaneous current expenses	525.00	360.00	419.88
Equipment:			
3010 Furniture, furnishings, and fixtures	75.00	75.00	153.81
3050 Other equipment	1,463.00	2,213.00	2,272.85
30 Total equipment	1,538.00	2,288.00	2,426.66
32 Other structures	269,472.00	382,425.00	319,198.54
Total	300,000.00	442,215.00	369,176.31

Maintenance and Operation of Dams and Other Improvements of Navigable Waters—

Indefinite appropriation of 50 per cent of receipts from certain licenses under the Federal water power act to be received and appropriated as a special fund in the Treasury for expenditure under the direction of the Secretary of War in the maintenance and operation of dams and other navigation structures owned by the United States or for other improvements of navigable waters (*U. S. C., p. 446, see. 810*) 153,600.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
12 Repairs and alterations	$100,000		
30 Other equipment	20,000		
32 Other structures	33,600		
Total	153,600		

NOTE.—No expenditures during the fiscal year 1927 and none anticipated during the fiscal year 1928.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Funds Advanced for River and Harbor Improvements— Indefinite appropriation of the amounts received and covered into the Treasury as advances by local interests for prosecution of works of river and harbor improvement in accordance with section 11 of the river and harbor act approved March 3, 1925. The Secretary of War is hereby authorized and directed to repay without interest, from appropriations which may be provided by Congress for river and harbor improvements, the moneys so contributed and expended (*U. S. C., p. 1081, sec. 561*)	$250,000.00	

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Field service:			
	Cash payment, salaries and wages (see consolidated schedule)	$8,000.00	$27,450.00	$6,199.01
	Deduct expenditures for personal services included in objects named below	7,000.00	22,200.00	4,348.05
01	Total personal services	1,000.00	5,250.00	1,850.96
	Supplies and materials:			
0200	Stationery and office supplies	50.00	100.00	
02012	Other stationery	60.00	150.00	
0202	Sundry office supplies	70.00	200.00	112.04
0203	Drafting and artists' supplies	20.00	50.00	
0230	Fuel			16.80
02	Total supplies and materials	200.00	500.00	128.84
04	Subsistence and care of animals and storage and care of vehicles (service)	20.00	50.00	
	Communication service:			
0500	Telegraph service		5.00	
0510	Telephone service	100.00	200.00	6.36
0520	Other communication service		25.00	1.50
05	Total communication service	100.00	230.00	7.86
06	Travel expenses	150.00	500.00	183.72
07	Transportation of things (service)	100.00	350.00	36.73
08	Photographing and making photographs and prints (job work)	50.00	150.00	
11	Rents	400.00	1,200.00	167.28
12	Repairs and alterations	10,000.00	30,450.00	96.33
13	Special and miscellaneous current expenses	200.00	500.00	
	Equipment:			
3010	Furniture, furnishings, and fixtures	20.00	50.00	
3020	Educational, scientific, and recreational equipment	50.00	250.00	81.62
3050	Other equipment	400.00	1,300.00	2,804.82
30	Total equipment	470.00	1,600.00	2,886.44
	Structures and parts, etc.:			
3210	Other structures	225,310.00	751,318.00	890,224.24
3214	Retaining and restraining walls, dams, jetties, etc	7,000.00	22,500.00	395.67
3220	Nonstructural improvements	5,000.00	17,551.00	4,448.40
32	Total structures and parts, etc	237,310.00	791,369.00	895,068.31
	Total	250,000.00	832,149.00	900,426.47

NOTE.—The estimated expenditures in 1928 in excess of the estimated deposits for that year are from deposits in prior years.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Funds Contributed for Flood Control, Mississippi River— Indefinite appropriation of the amounts received and covered into the Treasury as contributions by local interests for prosecuting work of flood control in accordance with the provisions of the flood control acts approved March 1, 1917, and March 4, 1923 (*U. S. C., p. 1089, sec. 702*)	400,000.00	

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Field service:			
	Cash payment, salaries and wages (see consolidated schedule)	$150,366.00	$384,366.00	$410,610.77
	Deduct expenditures for personal services included in objects named below	80,994.00	167,994.00	168,852.10
	Net salaries and wages	69,372.00	216,372.00	241,758.67
0121	Pay of commissioned officers	250.00	250.00	216.67
0140	Allowances for quarters, etc	75.00	75.00	66.66
0150	Special and miscellaneous payments for personal services	200.00	200.00	158.01
01	Total personal services	69,897.00	216,897.00	242,200.01

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Funds Contributed for Flood Control, Mississippi River—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Supplies and materials:			
0200	Stationery and office supplies	$1,780.00	$1,805.00	$1,606.74
0210	Medical and hospital supplies	102.00	102.00	34.57
0230	Fuel	31,180.00	75,700.00	71,162.22
0240	Wearing apparel and sewing supplies	210.00	220.00	176.39
0250	Forage and other supplies for animals	1,405.00	3,700.00	3,407.38
0260	Provisions	10,600.00	29,200.00	25,460.55
0280	Sundry supplies	3,295.00	4,345.00	4,145.27
0290	Materials	1,350.00	1,400.00	1,338.12
02	Total supplies and materials	50,922.00	116,472.00	107,331.24
03	Subsistence and support of persons (service)	1,420.00	1,430.00	1,395.98
04	Subsistence and care of animals, and storage and care of vehicles (service)	100.00	100.00	78.04
	Communication service:			
0500	Telegraph service	5.00	5.00	
0510	Telephone service	730.00	735.00	718.81
05	Total communication service	735.00	740.00	718.81
06	Travel expenses	1,700.00	2,700.00	3,131.22
07	Transportation of things (service)	10,200.00	27,325.00	21,933.89
08	Photographing and making photographs and prints (job work)	50.00	50.00	9.59
09	Advertising and publication of notices (service)	150.00	150.00	47.33
10	Furnishing of heat, light, power, water, and electricity (service)	12.00	12.00	12.00
	Rents:			
1100	Rent of buildings and structures	850.00	1,850.00	1,807.58
1110	Other rents	650.00	900.00	856.04
11	Total rents	1,500.00	2,750.00	2,663.62
12	Repairs and alterations	30,705.00	117,705.00	112,612.84
13	Special and miscellaneous current expenses	1,230.00	1,245.00	1,055.86
	Equipment:			
3000	Passenger-carrying vehicles	1,575.00	1,610.00	1,212.67
3010	Furniture, furnishings, and fixtures	2,375.00	2,425.00	1,942.17
3020	Educational, scientific, and recreational equipment	150.00	150.00	151.66
3050	Other equipment	17,750.00	41,000.00	38,513.08
30	Total equipment	20,850.00	45,185.00	41,819.58
32	Structures and parts, etc	208,236.00	1,406,788.00	1,191,444.73
	Total	400,000.00	1,939,549.00	1,726,454.74

Funds Contributed for Flood Control, Sacramento River, Calif.—
Indefinite appropriation of the amounts received and covered into the Treasury as contributions by the State of California for prosecuting work of flood control in accordance with the provisions of the flood control act approved March 1, 1917 (*U. S. C., p. 1090, sec. 703*) $400,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Field service:			
01	Fees not specified	$5.00	$5.00	$1.50
	Supplies and materials:			
02012	Other stationery	$625.00	$625.00	$615.21
0202	Sundry office supplies	450.00	450.00	430.13
0203	Drafting and artists' supplies	150.00	150.00	146.72
0204	Photographic supplies	225.00	225.00	206.24
02	Total supplies and materials	1,450.00	1,450.00	1,398.30
04	Subsistence and care of animals, and storage and care of vehicles (service)	150.00	150.00	139.25
	Communication service:			
0500	Telegraph service	15.00	15.00	12.13
0510	Telephone service	950.00	950.00	946.02
0520	Other communication service	15.00	15.00	7.81
05	Total communication service	980.00	980.00	965.96
06	Travel expense	300.00	300.00	294.03
07	Transportation of things (service)	6,700.00	6,700.00	6,658.91
08	Photographing and making photographs and prints (job work) blue printing	825.00	825.00	827.83
10	Furnishing of heat, light, power, water, and electricity (service)	60,000.00	65,000.00	37,800.10

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Funds Contributed for Flood Control, Sacramento River, Calif.—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Rents:			
1100 Rent of buildings and structures	$7,600.00	$7,600.00	$7,670.75
1110 Other rents	13,000.00	13,000.00	13,599.43
11 Total rents	20,600.00	20,600.00	21,270.18
12 Repairs and alterations	45,000.00	60,000.00	60,986.18
13 Special and miscellaneous current expenses	2,000.00	2,600.00	1,762.16
Equipment (includes live stock):			
3010 Furniture, furnishings, and fixtures	650.00	650.00	646.31
3020 Educational, scientific, and recreational equipment	50.00	50.00	40.11
3050 Other equipment	8,000.00	10,000.00	10,850.27
30 Total equipment	8,700.00	10,700.00	11,536.69
32 Other structures	253,290.00	313,338.00	499,933.63
Total	400,000.00	482,048.00	643,574.72

NOTE.—The expenditures in 1927 and the estimated expenditures in 1928 in excess of the deposits for those years are from unexpended balances of the deposits during prior years.

Total, rivers and harbors, including permanent, specific, indefinite, and special funds — $68,176,200.00 — $66,547,600.00

Wagon Roads, Bridges, and Trails, Alaska Fund—

Indefinite appropriation of 65 per centum of all moneys derived from and collected for occupation or trade licenses, outside of the incorporated towns in the Territory of Alaska, and also any unexpended balance remaining of 10 per centum of all such moneys appropriated and authorized to be expended for the relief of indigent persons in Alaska, shall be devoted to the construction and maintenance of wagon roads, bridges, and trails in said Territory (*U. S. C., p. 1561, sec. 41*) — 125,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Field service:			
01 Cash payment, salaries and wages (see consolidated schedule, Alaska roads)	$35,714.00	$65,714.00	$81,043.59
Supplies and materials:			
0200 Stationery and office supplies	534.00	534.00	534.30
02011 Printed forms and letterheads	2.00	2.00	2.62
02012 Other stationery	21.00	21.00	21.48
0210 Medical and hospital supplies	46.00	46.00	46.70
0230 Fuel (including gasoline and oils)	4,666.00	8,666.00	9,666.08
0250 Forage and other supplies for animals	935.00	935.00	935.95
0260 Provisions	8,199.00	12,199.00	13,199.47
0270 Powder (explosives)	104.00	104.00	104.70
0280 Sundry supplies	3,535.00	3,535.00	3,535.59
0290 Materials (construction)	10,738.00	12,738.00	13,733.43
02 Total supplies and materials	28,780.00	38,780.00	41,780.32
03 Subsistence and support of persons (service)	6,973.00	6,973.00	8,973.20
04 Subsistence and care of animals (service)	48.00	48.00	48.55
Communication service:			
0500 Telegraph service	180.00	180.00	180.49
0510 Telephone service	885.00	885.00	885.20
0520 Other communication service (including post-office box rent)	28.00	28.00	27.75
05 Total communication service	1,093.00	1,093.00	1,093.44
06 Travel expenses	5,288.00	5,288.00	5,288.21
07 Transportation of things (service)	13,623.00	23,623.00	33,623.65
Printing, binding, engraving, etc.:			
0800 Printing and binding	638.00	638.00	638.20
0830 Photographing and making prints, etc	69.00	69.00	69.62
08 Total printing, binding, etc	707.00	707.00	707.82
10 Furnishing of heat, light, water, and power	1,702.00	1,702.00	1,702.80

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Wagon Roads, Bridges, and Trails, Alaska Fund—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Rents:			
1100	Rents (buildings, structures, etc.)	$1,560.00	$1,560.00	$1,560.00
1110	Other rents (including animals)	15,716.00	15,716.00	15,716.76
11	Total rents	17,276.00	17,276.00	17,276.76
12	Repairs and alterations	7,224.00	7,224.00	7,244.75
13	Special and miscellaneous current expenses (including exchange)	542.00	542.00	542.62
	Equipment:			
3010	Furniture, furnishings, and fixtures	332.00	332.00	332.06
3050	Other equipment	1,006.00	1,006.00	1,006.44
30	Total equipment	1,338.00	1,338.00	1,338.50
32	Other structures	4,692.00	4,692.00	4,684.63
	Total	125,000.00	175,000.00	205,328.84

NOTE.—The expenditures for 1927 and the estimated expenditures for 1928 in excess of the appropriations for those years are from the unexpended balances of prior appropriations.

Funds Contributed for Improvement of Roads, Bridges, and Trails, Alaska—
Indefinite appropriation of the amounts received and covered into the Treasury as contributions by the Territory of Alaska and any other source for construction, repair, and maintenance of roads, bridges, and trails, Alaska (*U. S. C., p. 1585, sec. 327*) — $100,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Field service:			
01	Cash payment, salaries and wages (see consolidated schedule, Alaska roads)	$37,126.00	$37,126.00	$37,126.72
	Supplies and materials:			
0200	Stationery and office supplies	8.00	8.00	8.27
02012	Other stationery	16.00	16.00	16.43
0210	Medical and hospital supplies	11.00	11.00	11.25
0230	Fuel (including gasoline and oil)	3,090.00	3,090.00	4,090.36
0250	Forage and other supplies for animals	1,302.00	1,302.00	1,302.26
0260	Provisions	7,382.00	7,382.00	9,383.85
0270	Powder (explosives)	70.00	70.00	70.53
0280	Sundry supplies	1,159.00	1,159.00	1,159.16
0290	Materials (construction)	9,085.00	9,085.00	9,082.72
02	Total supplies and materials	22,123.00	22,123.00	25,124.83
03	Subsistence and support of persons (service)	3,652.00	3,652.00	3,651.45
04	Subsistence and care of animals (service)	15.00	15.00	14.77
06	Travel expenses	1,046.00	1,046.00	1,045.87
07	Transportation of things (service)	9,102.00	9,102.00	9,102.36
	Printing, binding, engraving, engrossing, etc.:			
0800	Printing and binding	30.00	30.00	30.25
0830	Photographing and making prints, etc	21.00	21.00	21.10
08	Total printing, binding, etc	51.00	51.00	51.35
11	Other rents (including animals)	5,481.00	5,481.00	5,481.00
12	Repairs and alterations	7,320.00	7,320.00	7,319.59
13	Special and miscellaneous current expenses (including exchange)	9.00	9.00	9.00
	Equipment:			
3010	Furniture, furnishings, and fixtures	330.00	330.00	330.37
3040	Livestock (horses, dogs, etc.)	210.00	210.00	210.00
3050	Other equipment	1,485.00	1,485.00	1,485.01
30	Total equipment	2,025.00	2,025.00	2,025.38
32	Other structures	12,050.00	12,050.00	12,048.78
	Total	100,000.00	100,000.00	103,001.10

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Consolidated schedule of field employees paid from appropriations for Alaska roads

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
Salary range, $3,800 to $5,000; average, $4,400—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Assistant engineer	1	$4,600	1	$4,600	1	$4,300
Superintendent	2	4,230	2	4,230	1	4,200
Salary range, $3,300 to $3,900; average, $3,600—						
Superintendent	3	3,600	3	3,600	3.5	3,517
Assistant superintendent	3	3,300	3	3,300	2	3,300
Salary range, $3,000 to $3,600; average, $3,300—						
Assistant superintendent					1	3,120
Salary range, $2,700 to $3,300; average, $3,000—						
Superintendent	1	2,760	1	2,760		
Clerk	2	2,880	2	2,880	1	2,880
Master mechanic	1	2,820	1	2,820	1	2,700
Salary range, $2,400 to $3,000; average, $2,700—						
Superintendent					1	2,640
Clerk	4	2,340	4	2,340	4	2,310
Salary range, $1,500 to $1,860; average, $1,680—						
Clerk	1	1,620	1	1,620	2	1,620
Temporary employees	148	2,555	352	2,555	310	2,555
Total average number of employees	166		370		327.5	
Total salaries and wages, field service		434,379.00		955,316.00		839,600.05
The difference between 1929 and 1928 is due to decrease in force, $520,937.						
Deduct allowances for quarters, subsistence, etc		108,430.00		250,238.00		224,310.00
Cash payment, salaries and wages		325,949.00		705,078.00		615,290.05
The salaries and wages in the foregoing schedule are distributed to appropriations as follows:						
Construction and maintenance of roads, bridges, and trails, Alaska		253,109.00		540,824.00		497,119.74
Wagon roads, bridges, and trails, Alaska		35,714.00		65,714.00		81,043.59
Funds contributed for improvement of roads, bridges, and trails, Alaska (special fund)		37,126.00		37,126.00		37,126.72
Protection of Government property adjacent to Lowell Creek, Alaska				61,414.00		
Total		325,949.00		705,078.00		615,290.05

Total under Corps of Engineers	$68,919,700.00	$67,589,300.00

UNITED STATES SOLDIERS' HOME

PERMANENT APPROPRIATIONS

Soldiers' Home Interest Account—

That all funds of the home not needed for current use, and which are not now invested in the United States registered bonds, shall, as soon as received, or as soon as present investments can be converted into money without loss, be deposited in the Treasury of the United States to the credit of the home as a permanent fund, and shall draw interest at the rate of 3 per centum per annum, which shall be paid quarterly to the treasurer of the home, and the proceeds of such registered bonds, as they are paid, shall be deposited in like manner. * * * (*U. S. C., p. 1022, sec. 711; p. 673, secs. 44, 45; p. 674, sec. 55*) 98,000.00 118,600.00

20 Interest: Expenditures—1929, $98,000; 1928, $118,600; 1927, $110,426.07

TRUST FUNDS

Soldiers' Home, Permanent Fund—

Indefinite appropriation of all stoppages or fines adjudged against soldiers by sentence of courts-martial, over and above any amount that may be due for the reimbursement of Government or of individuals, all forfeitures on account of desertion, and all moneys belonging to the estates of deceased soldiers which now or may hereafter be unclaimed for the period of three years subsequent to the death of said soldier or soldiers, to be paid by the commissioners of the institution upon demand of the heirs or legal representatives of the deceased.

The commissioners are also authorized to receive all donations of money or property made by any person for the benefit of the institution and hold the same for its sole and exclusive use.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Soldiers' Home, Permanent Fund—Continued. That all funds of the home not needed for current use, and which are not now invested in United States registered bonds, shall, as soon as received, or as soon as present investments can be converted into money without loss, be deposited in the Treasury of the United States to the credit of the home as a permanent fund, and shall draw interest at the rate of 3 per cent per annum, which shall be paid quarterly to the treasurer of the home, and the proceeds of such registered bonds, as they are paid, shall be deposited in like manner. No part of the principal sum so deposited shall be withdrawn for use except upon a resolution of the board of commissioners, stating the necessity, and approved by the Secretary of War (*U. S. C., p. 1022, sec. 711; p. 673, secs. 44, 45; p. 674. sec. 55*)	$695,455.00	$757,700.00
22 Trust funds: Expenditures—1929, $695,455; 1928, $757,700; 1927, $756,000; these expenditures include transfers to St. Elizabeths Hospital, as follows: 1929, $9,198; 1928, $8,800; 1927, $8,683.65.		
Total under United States Soldiers' Home	793,455.00	876,300.00
NATIONAL HOME FOR DISABLED VOLUNTEER SOLDIERS		
For support of the National Home for Disabled Volunteer Soldiers, as follows:		
National Home for Disabled Volunteer Soldiers, Central Branch— Central Branch, Dayton, Ohio: Current expenses: For pay of officers and noncommissioned officers of the home, with such exceptions as are hereinafter noted, and their clerks, weighmasters, and orderlies; chaplains, religious instructions, and entertainment for the members of the home; printers, bookbinders, librarians, musicians, telegraph and telephone operators; guards; janitors, watchmen, fire company, and property and materials purchased for their use, including repairs; articles of amusement, library books, magazines, papers, pictures, musical instruments, and repairs not done by the home; stationery, advertising, legal advice, payments due heirs of deceased members: *Provided*, That all receipts on account of the effects of deceased members during the fiscal year shall also be available for such payments; and for such other expenditures as can not properly be included under other heads of expenditure (*U. S. C., p. 675, sec. 71; act Feb. 23, 1927, vol. 44, p. 1143*)	$83,500.00	

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $3,800 to $5,000; average, $4,400—						
Governor	1	$4,920	1	$4,920	1	$4,920
Surgeon	1	4,824	1	4,824	1	4,824
Salary range, $3,300 to $3,900; average, $3,600—						
Treasurer	1	3,460	1	3,460	1	3,460
Quartermaster	1	3,360	1	3,360	1	3,360
Commissary of subsistence	1	3,360	1	3,360	1	3,360
Adjutant and inspector	1	3,360	1	3,360	1	3,360
Salary range, $2,100 to $2,700; average, $2,400—						
Clerk	3	2,200	3	2,200	3	2,200
Chaplain	2	2,460	2	2,460	2	2,460
Musician	1	2,160	1	2,160	1	2,160
Salary range, $1,680 to $2,040; average, $1,800—						
Sergeant major	1	2,040	1	2,040	1	2,040
Clerk	4	1,770	4	1,770	4	1,770
Printer	1	1,920	1	1,920	1	1,920
Salary range, $1,320 to $1,680; average, $1,500—						
Clerk	5	1,500	5	1,500	5	1,500
Guard sergeant	1	1,560	1	1,560	1	1,560
Clerk and musician	13.5	1,230	13.5	1,230	13.5	1,230
Salary range, $780 to $1,020; average, $900—						
Quartermaster sergeant and printer	2	900	2	900	1.7	900
Salary range, $600 to $780; average, $690—						
Clerk and guard	4	720	4	720	4	720
Salary range, $420 to $600; average, $510—						
Company commanders, clerks, telephone operator, and messenger	17	498	17	498	17	498
Salary range, $240 to $420; average, $330—						
Company sergeant, guard, janitor, laborer, watchman	23	323	23	323	22.7	319
Total average number of employees	83.5		83.5		82.9	
Total salaries and wages, field service		94,244.00		94,244.00		93,798.88
Deduct allowance value of subsistence, lodging, etc., furnished		16,380.00		16,380.00		16,380.00
01 Total personal services, cash payment		77,864.00		77,864.00		77,418.88
02 Stationery and office supplies		2,000.00		1,800.00		1,218.11

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), data of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

National Home for Disabled Volunteer Soldiers, Central Branch—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Communication service:			
0500	Telegraph service	$150.00	$150.00	$106.23
0510	Telephone service	700.00	700.00	702.00
05	Total communication service	850.00	850.00	808.23
	Travel expenses:			
0615	Transportation	400.00	400.00	290.23
0616	Subsistence	80.00	80.00	70.62
06	Total travel expenses	480.00	480.00	360.85
07	Transportation of things (service)	150.00	150.00	95.60
08	Printing and binding	75.00	75.00	51.48
09	Advertising and publication of notices (service)	100.00	100.00	76.27
12	Repairs and alterations	200.00	200.00	126.89
13	Special and miscellaneous current expenses	581.00	581.00	422.59
	Equipment:			
3010	Furniture, furnishings, and fixtures	700.00	500.00	474.25
3050	Other equipment	500.00	400.00	222.19
30	Total equipment	1,200.00	900.00	696.44
			83,000.00	81,275.34
	Unobligated balance			2,424.66
	Reserve		500.00	
	Total	83,500.00	83,500.00	83,700.00

Subsistence: For pay of commissary sergeants, commissary clerks, porters, laborers, bakers, cooks, dishwashers, waiters, and others employed in the subsistence departments; food supplies purchased for the subsistence of the members of the home and civilian employees regularly employed and residing at the branch; freight, preparation, and serving; aprons, caps, and jackets for kitchen and dining-room employees; tobacco; dining-room and kitchen furniture and utensils, bakers' and butchers' tools and appliances, and their repair not done by the home (*U. S. C., p. 675, sec. 71; act Feb. 23, 1927, vol. 44, p. 1143*) $430,000.00

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Field service:						
	Salaries and wages—	*Average—*		*Average—*		*Average—*	
	Salary range, $1,680 to $2,040; average, $1,800—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Cook	1	$1,800	1	$1,800	1	$1,800
	Mess steward	2	1,800	2	1,800	2	1,800
	Clerk	1	1,680	1	1,680	1	1,680
	Baker	1	1,680	1	1,680	1	1,680
	Salary range, $1,320 to $1,680; average, $1,500—						
	Clerk	1	1,560	1	1,560	1	1,560
	Meat cutter	1	1,560	1	1,560	1	1,560
	Baker	1	1,320	1	1,320	1	1,320
	Cook	1	1,440	1	1,440	1	1,440
	Salary range, $1,140 to $1,500; average, $1,320—						
	Cook	3	1,120	3	1,120	3	1,120
	Salary range, $780 to $1,020; average, $900—						
	Headwaiter	3	984	3	984	3	984
	Laborer, waiter	43	840	43	840	42.3	840
	Cook, mess steward	3	840	3	840	3	840
	Salary range, $600 to $780; average, $690—						
	Clerk, cook	2	720	2	720	1.9	720
	Waiter	1	660	1	660	1	660
	Salary range, $420 to $600; average, $510—						
	Laborer	39	481	39	481	38.5	480
	Salary range, $240 to $420; average, $330—						
	Laborer	2	384	2	384	1.8	384
	Total average number of employees	105		105		103.5	
	Total salaries and wages, field service		81,219.00		81,219.00		80,198.07
	Deduct allowance value of subsistence, lodging, etc., furnished		21,600.00		21,600.00		21,348.00
01	Total personal services, cash payment		59,619.00		59,619.00		58,850.07
	Supplies and materials:						
0260	Provisions		359,681.00		358,681.00		357,210.90
0280	Sundry supplies		4,000.00		4,000.00		2,935.06
02	Total supplies and materials		363,681.00		362,681.00		360,175.96
06	Travel expenses		100.00		100.00		
07	Transportation of things		100.00		100.00		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

National Home for Disabled Volunteer Soldiers, Central Branch—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Equipment:			
3010 Furniture, furnishings, and fixtures	$4,000.00	$4,000.00	$3,768.68
3060 Other equipment	2,500.00	2,500.00	2,445.35
30 Total equipment	6,500.00	6,500.00	6,214.03
	----------	429,000.00	[1] 425,240.06
Unobligated balance	----------	----------	43.80
Reserve	----------	1,000.00	----------
Total	430,000.00	430,000.00	425,283.86

[1] Excess of expenditure over appropriation due to deficiency.

Household: For furniture for officers' quarters; bedsteads, bedding, bedding material, and all other articles, including repairs, required in the quarters of the members and of civilian employees permanently employed and residing at the branch; fuel; water; engineers and firemen, bathhouse keepers, janitors, laundry employees, and for all labor, materials, and appliances required for household use, and repairs, if not repaired by the home [$195,632] (*U. S. C., p. 675, sec. 71; act Feb. 23, 1927, vol. 44, p. 1143*) ---------- $200,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
Salary range, $1,680 to $2,040; average, $1,800—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Engineer	1	$1,860	1	$1,860	1	$1,860
Laundry foreman	1	1,800	1	1,800	1	1,800
Engineer	3	1,740	3	1,740	3	1,740
Laborer	1	1,740	1	1,740	1	1,740
Laborer	1	1,440	1	1,440	1	1,440
Fireman	6	1,380	6	1,380	6	1,380
Salary range, $1,020 to $1,260; average, $1,140—						
Engineer	3	1,160	3	1,160	3	1,160
Laborer	1	1,020	1	1,020	1	1,020
Salary range, $780 to $1,020; average, $900—						
Laborer	1	960	1	960	1	960
Laborer	12	840	12	840	12	840
Janitor	1	840	1	840	1	840
Seamstress	1	840	1	840	1	840
Salary range, $600 to $780; average, $680—						
Laborer	5	648	5	648	4.2	648
Salary range, $420 to $600; average, $510—						
Engineer and laborer	14	541	14	541	13.9	540
Salary range, $240 to $420; average, $330—						
Janitor, laborer, and upholsterer	52	309	52	309	51.5	309
Total average number of employees	103		103		101.6	
Total salaries and wages, field service		64,432.00		64,432.00		63,662.15
Deduct allowance value of subsistence, lodging, etc., furnished		11,520.00		11,520.00		11,520.00
01 Total personal services, cash payment		52,912.00		52,912.00		52,142.15
Supplies and materials:						
0200 Cleaning and toilet supplies		11,000.00		10,000.00		11,969.80
0230 Fuel		113,303.00		109,935.00		109,441.04
0280 Sundry supplies		1,500.00		1,500.00		1,498.71
02 Total supplies and materials		125,803.00		121,435.00		122,909.55
10 Furnishing heat, light, power, water, electricity (service)		4,000.00		4,000.00		4,004.32
12 Repairs and alterations		285.00		285.00		117.86
Equipment:						
3010 Furniture, furnishings, and fixtures		15,000.00		14,500.00		15,206.11
3050 Other equipment		2,000.00		1,500.00		2,070.03
30 Total equipment		17,000.00		16,000.00		17,276.14
		----------		194,632.00		196,450.02
Unobligated balance		----------		----------		3,349.98
Reserve		----------		1,000.00		----------
Total		200,000.00		195,632.00		199,800.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
National Home for Disabled Volunteer Soldiers, Central Branch—Continued.		
Hospital: For pay of medical officers and assistant surgeons, matrons, druggists, hospital clerks, and stewards, ward masters, nurses, cooks, waiters, readers, drivers, funeral escort, janitors, and for such other services as may be necessary for the care of the sick; burial of the dead; surgical instruments and appliances, medical books, medicine, liquors, fruits, and other necessaries for the sick not purchased under subsistence; bedsteads, bedding, and all other special articles necessary for the wards; hospital furniture, including special articles and appliances for hospital kitchen and dining room; carriage, hearse, stretchers, coffins; and for all repairs to hospital furniture and appliances not done by the home [$365,000] (*U. S. C., p. 675, sec. 71; act Feb. 23, 1927, vol. 44, p. 1143*)	$370,000.00	

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $3,800 to $5,000; average, $4,400—						
Chief tuberculosis service	1	$4,728	1	$4,728	1	$4,728
Salary range, $3,300 to $3,900; average, $3,600—						
Assistant surgeon	5	3,720	5	3,720	4.8	3,720
Salary range, $3,000 to $3,600; average, $3,300—						
Assistant surgeon	14	3,250	14	3,250	14.1	3,250
Salary range, $1,860 to $2,400; average, $2,100—						
Aid, chief occupational therapy	1	2,364	1	2,364	1	2,364
Executive clerk	1	2,160	1	2,160	1	2,160
Chief nurse	1	2,160	1	2,160	1	2,160
Aid, occupational therapy	1	2,160	1	2,160	1	2,160
Occupational director					0.4	2,088
Druggist	1	2,040	1	2,040		
Aid, physiotherapy	1	1,928	1	1,928	1	1,928
Clerk	1	1,920	1	1,920	1	1,920
Technician	1	1,920	1	1,920	1	1,920
Aid, chief physiotherapy	1	1,884	1	1,884	1	1,884
Salary range, $1,500 to $1,860; average, $1,680—						
Consultant	1	1,680	1	1,680	1	1,680
Cook	3	1,800	3	1,800	3	1,800
Dietitian	1	1,800	1	1,800	1	1,800
Druggist					1	1,800
Aid	2	1,680	2	1,680	1	1,680
Nurse, assistant chief	2	1,680	2	1,680	2	1,680
Clerk	1	1,560	1	1,560	1	1,560
Dietitian	1	1,560	1	1,560	1	1,560
Nurse, trained	2	1,560	2	1,560	2	1,560
Laboratory technician	4	1,560	4	1,560	3.3	1,560
Aid	3	1,584	3	1,584	3.3	1,584
Salary range, $1,140 to $1,500; average, $1,020—						
Aid	2	1,488	2	1,488	2.4	1,488
Cook	1	1,440	1	1,440	1	1,440
Clerk	3	1,440	3	1,440	1.3	1,440
Assistant druggist	1	1,440	1	1,440	1	1,440
Nurse, trained	3	1,440	3	1,440	3	1,440
Nurse, trained	30	1,380	30	1,380	30	1,380
Nurse, trained	38	1,320	38	1,320	37.6	1,320
Matron	1	1,320	1	1,320	1	1,320
Clerk	1	1,320	1	1,320	2.5	1,320
Cook	3	1,320	3	1,320	3	1,320
Technician	2	1,320	2	1,320	2	1,320
Aid, physiotherapy					1.5	1,260
Clerk	2	1,200	2	1,200	2	1,200
Cook	3	1,200	3	1,200	3	1,200
Consultant	9	1,224	9	1,224	8.8	1,224
Hospital steward	1	1,200	1	1,200	1	1,200
Cook	4	1,080	4	1,080	4.3	1,080
Laborer	1	1,080	1	1,080	1	1,080
Salary range, $780 to $1,020; average, $900—						
Hospital steward, cook, laborer, ward attendant	87	714	87	714	86.6	714
Salary range, $600 to $780; average, $690—						
Hospital steward, clerk, cook, driver, laborer, ward attendant, and undertaker	36	677	36	677	35.6	677
Salary range, $420 to $600; average, $510—						
Hospital steward, cook, laborer, ward attendant	109	576	109	576	108.4	576
Salary range, $240 to $420; average, $330—						
Funeral escort, laborer, reader	16	309	16	309	16	309
Total average number of employees	402		402		400.9	
Total salaries and wages, field service		414,386.00		414,386.00		411,881.27
Deduct allowances value of subsistence, lodging, etc., furnished		93,960.00		93,960.00		93,528.00
01 Total personal services, cash payment		320,426.00		320,426.00		318,353.27
02 Medical and hospital supplies		33,374.00		30,374.00		31,843.57
07 Transportation of things (service)		200.00		200.00		116.83
12 Repairs		1,000.00		1,000.00		676.91
Equipment:						
3010 Furniture, furnishings, and fixtures		6,000.00		5,000.00		5,380.49
3020 Educational, scientific, and recreational		2,500.00		2,000.00		1,476.70
3050 Other equipment		6,500.00		5,500.00		5,351.56
30 Total equipment		15,000.00		12,500.00		12,208.75
				364,500.00		363,199.33
Unobligated balance						1,800.67
Reserve				500.00		
Total		370,000.00		365,000.00		365,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
National Home for Disabled Volunteer Soldiers, Central Branch—Continued.		
Transportation: For transportation of members of the home (*U. S. C., p. 675, sec. 71; act Feb. 23, 1927, vol. 44, p. 1143*)	$1,000.00	
06 Transportation of members of the home: Expenditures—1929, $1,000; 1928, $1,000; 1927, $951.22.		
Repairs: For pay of chief engineer, builders, blacksmiths, carpenters, painters, gas fitters, electrical workers, plumbers, tinsmith, steam fitters, stone and brick masons, and laborers, and for all appliances and materials used under this head; and repairs of roads and other improvements of a permanent character, $85,000: *Provided*, That no part of the appropriation for repairs for any of the branch homes shall be used for the construction of any new building (*same acts*)	85,000.00	

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $1,860 to $2,400; average, $2,100—						
Chief engineer	1	$2,760	1	$2,760	1	$2,760
Electrical worker	1	1,980	1	1,980	1	1,980
Machinist	1	1,860	1	1,860	1	1,860
Plumber	1	1,860	1	1,860	1	1,860
Steam fitter	1	1,860	1	1,860	0.7	1,860
Salary range, $1,500 to $1,860; average, $1,680—						
Carpenter	1	1,740	1	1,740	1	1,740
Electrical worker	2	1,740	2	1,740	1.8	1,740
Mason	1	1,740	1	1,740	0.9	1,740
Painter	1	1,740	1	1,740	1	1,740
Plumber	2	1,740	2	1,740	1.7	1,740
Steam fitter	3	1,740	3	1,740	3	1,740
Carpenter	2	1,620	2	1,620	1.7	1,620
Painter	4	1,620	4	1,620	2.3	1,620
Tinsmith	1	1,620	1	1,620	1	1,620
Auto mechanic	1	1,560	1	1,560	1	1,560
Salary range, $1,140 to $1,500; average, $1,320—						
Electrical worker	1	1,320	1	1,320	1	1,320
Laborer	2	1,320	2	1,320	2	1,320
Machinist	1	1,260	1	1,260	1	1,260
Salary range, $900 to $1,140; average, $1,020—						
Laborer	4	1,080	4	1,080	3.8	1,080
Blacksmith, laborer, carpenter	3	822	3	822	2.4	822
Salary range, $600 to $780; average, $690—						
Carpenter, machinist	2	660	2	660	2	660
Salary range, $420 to $600; average, $510—						
Carpenter, laborer, painter	7	493	7	493	5.8	493
Salary range, $240 to $420; average, $330—						
Laborer, painter	9	341	9	341	7.7	346
Salary range, $40 per month to $1.50 per hour—						
Temporary employees: Laborer, painter, plasterer, carpenter	7		7		7	
Total average number of employees	59		59		52.8	
Total salaries and wages, field service		60,466.00		60,466.00		54,990.09
Deduct allowance value of subsistence, lodging, etc., furnished		12,240.00		12,240.00		10,720.00
01 Total personal services, cash payment		48,226.00		48,226.00		44,270.09
Deduct expenditures for personal services included in objects named below		48,226.00		48,226.00		44,270.09
02 Supplies and materials		28,500.00		28,000.00		26,059.73
12 Repairs and alterations		56,500.00		56,500.00		52,489.82
				84,500.00		78,549.55
Unobligated balance						1,450.45
Reserve				500.00		
Total		85,000.00		85,000.00		80,000.00

Farm: For pay of farmer, chief gardener, harness makers, farm hands, gardeners, horseshoers, stablemen, teamsters, dairymen, herders, and laborers; tools, appliances, and materials required for farm, garden, and dairy work; grain and grain products, hay, straw, fertilizers, seed, carriages, wagons, carts, and other conveyances; animals purchased for stock or work (including animals in the park); gasoline; materials, tools, and labor for flower garden, lawn, park, and cemetery; and construction of roads and walks, and repairs not done by the home (*same acts*)	28,000.00	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

National Home for Disabled Volunteer Soldiers, Central Branch—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
Salary range, $1,860 to $2,400; average, $2,100—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Chief gardener	1	$2,100	1	$2,100	1	$2,100
Salary range, $1,140 to $1,500; average, $1,320—						
Assistant chief gardener	1	1,560	1	1,560		
Salary range, $780 to $1,020; average, $900—						
Assistant chief gardener					1	1,260
Superintendent of cemetery	1	1,200	1	1,200	1	1,185
Salary range, $600 to $780; average, $690—						
Laborer, stable foreman, truck driver	12	672	12	672	12	672
Salary range, $420 to $600; average, $510—						
Laborer	4	480	4	480	3.4	480
Salary range, $240 to $420; average, $330—						
Laborer	18	324	18	324	15.6	323
Salary range, $55 to $60 per month—						
Temporary employees, laborer	6		6		6	
Total average number of employees	44		44		41	
Total salaries and wages, field service		21,796.00		21,796.00		21,047.95
Deduct allowances for subsistence, lodging, etc		4,680.00		4,680.00		4,680.00
01 Total personal services, cash payment		17,016.00		17,016.00		16,367.95
Supplies and materials:						
0250 Forage and other supplies for animals		634.00		634.00		1,157.29
0260 Sundry supplies		9,500.00		9,000.00		9,428.44
02 Total supplies and materials		10,134.00		9,634.00		10,585.73
12 Repairs and alterations		50.00		50.00		10.00
30 Other equipment		800.00		800.00		712.96
				27,500.00		27,676.64
Unobligated balance						523.36
Reserve				500.00		
Total		28,000.00		28,000.00		28,000.00

In all, Central Branch ..... $1,197,500.00 | $1,188,132.00

For "Current expenses," "Subsistence," "Household," "Hospital," "Transportation," "Repairs," and "Farm," at the following branches, including the same objects respectively specified herein under each of such heads for the Central Branch, namely:

National Home for Disabled Volunteer Soldiers, Northwestern Branch—

Northwestern Branch, Milwaukee, Wisconsin: Current expenses (*U. S. C., p. 675, sec. 71; act Feb. 23, 1927, vol. 44, p. 1144*) $69,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
Salary range, $3,800 to $5,000; average, $4,400—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Governor	1	$4,920	1	$4,920	1	$4,920
Surgeon	1	4,824	1	4,824	1	4,824
Salary range, $3,300 to $3,900; average, $3,600—						
Treasurer	1	3,460	1	3,460	1	3,460
Salary range, $3,000 to $3,600; average, $3,300—						
Quartermaster	1	3,360	1	3,360	1	3,360
Commissary of subsistence	1	3,360	1	3,360	1	3,360
Adjutant and inspector	1	3,120	1	3,120	1	3,120
Salary range, $2,100 to $2,700; average, $2,400—						
Clerk, treasurer	1	2,280	1	2,280	1	2,280
Salary range, $1,800 to $2,000; average, $2,100—						
Clerk, governor	1	2,160	1	2,160	1	2,160
Clerk, quartermaster	1	2,160	1	2,160	1	2,160
Chaplain	2	2,460	2	2,460	1.5	2,460
Musician	1	2,040	1	2,040	1	2,040
Salary range, $1,680 to $2,040; average, $1,860—						
Clerk, treasurer	1	1,800	1	1,800	1	1,800
Clerk, treasurer	1	1,680	1	1,680	1	1,680
Clerk, quartermaster	1	1,680	1	1,680	1	1,680
Salary range, $1,320 to $1,680; average, $1,500—						
Clerk, treasurer	1	1,560	1	1,560	1	1,560
Clerk, quartermaster	1	1,560	1	1,560	1	1,560
Clerk, adjutant	1	1,560	1	1,560	0.9	1,560
Clerk, quartermaster	1	1,440	1	1,440	1	1,440

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

National Home for Disabled Volunteer Soldiers, Northwestern Branch—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average—		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Field service—Continued.						
Salaries and wages—Continued.						
Salary range, $1,140 to $1,500; average, $1,320—						
Quartermaster sergeant	1	$1,320	1	$1,320	1	$1,320
Clerk, quartermaster	1	1,320	1	1,320	1	1,320
Guard, sergeant	1	1,320	1	1,320	0.7	1,320
Clerk, adjutant	1	1,260	1	1,260	0.9	1,260
Clerk, treasurer					0.7	1,260
Musician	4	1,200	4	1,200	4	1,200
Printer	1	1,200	1	1,200	1	1,200
Musician (1 for 5 months, each)	3.4	1,140	3.4	1,140	3.4	1,140
Salary range, $900 to $1,140; average, $1,020—						
Musician (5 for 5 months)	2.1	1,080	2.1	1,080	2.1	1,080
Guard, private	3	1,080	3	1,080	2	1,080
Sergeant major	1	1,020	1	1,020	1	1,020
Salary range, $780 to $1,020; average, $900—						
Company commander	2	936	2	936	2	936
Clerk, adjutant	1	936	1	936	1	936
Company commander	6	840	6	840	6.2	840
Clerk, adjutant	1	840	1	840	1	840
Janitor	3	840	3	840	3	840
Messenger	1	840	1	840	0.9	840
Salary range, $600 to $780; average, $690—						
Bugler	1	744	1	744	1	744
Company sergeant	9	696	9	696	9.2	696
Watchman	1	696	1	696	1	696
Janitor	4	648	4	648	3.7	648
Guard, private	1	648	1	648	1	648
Total average number of employees	67.5		67.5		66.2	
Total salaries and wages, field service		92,501.00		92,501.00		91,433.88
Deduct allowance value of subsistence, lodging, etc., furnished		27,900.00		27,900.00		27,240.00
01 Total personal services, cash payment		64,601.00		64,601.00		64,193.88
Communication service:						
0500 Telegraph service		83.00		83.00		108.37
0510 Telephone service		800.00		800.00		569.22
05 Total communication service		883.00		883.00		677.59
06 Travel expenses		200.00		200.00		602.87
07 Transportation of things (service)		None.		None.		87.77
08 Printing and binding		70.00		70.00		24.45
09 Advertising and printing of notices (service)		200.00		200.00		157.68
12 Repairs and alterations						86.50
13 Special and miscellaneous current expenses		2,896.00		2,396.00		1,470.13
Equipment:						
3010 Furniture, furnishings, and fixtures		150.00		150.00		784.43
3050 Other equipment						168.97
30 Total equipment		150.00		150.00		953.40
				68,500.00		68,254.27
Unobligated balance						745.73
Reserve				500.00		
Total		69,000.00		69,000.00		69,000.00

Subsistence (*U. S. C., p. 675, sec. 71; act Feb. 23, 1927, vol. 44, p. 1144*)---- $290,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average—		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Field service:						
Salary and wages—						
Salary range, $1,680 to $2,040; average, $1,860—						
Cook	1	$1,680	1	$1,680	1	$1,680
Salary range, $1,500 to $1,860; average, $1,680—						
Baker	1	1,560	1	1,560	1	1,560
Clerk	1	1,560	1	1,560	1	1,560
Meat cutter	1	1,560	1	1,560	1	1,560
Salary range, $1,320 to $1,680; average, $1,500—						
Clerk	1	1,440	1	1,440	1	1,440
Salary range, $1,140 to $1,500; average, $1,320—						
Cook	1	1,320	1	1,320		
Cook	1	1,200	1	1,200	1	1,200
Salary range, $900 to $1,140; average, $1,020—						
Baker	1	1,080	1	1,080	1	1,080
Cook	1	1,080	1	1,080	0.9	1,080
Cook	1	1,020	1	1,020	1	1,020
Commissary sergeant	1	1,020	1	1,020	0.9	1,020
Head waiter	1	1,020	1	1,020	1	1,020

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

National Home for Disabled Volunteer Soldiers, Northwestern Branch—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Field service—Continued.			
Salaries and wages—Continued.	*Average—*	*Average—*	*Average—*
	No. *Salary*	*No.* *Salary*	*No.* *Salary*
Salary range, $780 to $1,020; average, $900—			
Cook	1 $936	1 $936	1 $936
Cook			2 840
Dishwasher	1 840	1 840	1 840
Laborer	3 840	3 840	4.7 840
Waiter	24 840	24 840	22.6 840
Salary range, $600 to $780; average, $690—			
Dishwasher	5 744	5 744	4.9 744
Laborer	4 744	4 744	4 744
Laborer	9 696	9 696	8.7 696
Laborer	5 648	5 648	5 648
Total average number of employees	64	64	64.7
Total salaries and wages, field service	56,196.00	56,196.00	56,288.46
Deduct allowance value of subsistence, lodging, etc., furnished	23,040.00	23,040.00	23,310.00
01 Total personal services, cash payment	33,156.00	33,156.00	32,978.46
Supplies and materials:			
0260 Provisions	243,960.00	243,460.00	260,084.36
0280 Sundry supplies	5,000.00	5,000.00	3,818.73
02 Total supplies and materials	248,960.00	248,460.00	263,903.09
30 Equipment	7,884.00	7,884.00	6,665.06
		285,500.00	303,546.61
Unobligated balance			33,453.39
Reserve		500.00	
Total	290,000.00	290,000.00	337,000.00

Household [$153.000] (*U. S. C., p. 675, sec. 71; act Feb. 23, 1927, vol. 44, p. 1144*) $148,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Field service:			
Salaries and wages—	*Average—*	*Average—*	*Average—*
	No. *Salary*	*No.* *Salary*	*No.* *Salary*
Salary range, $1,500 to $1,860; average, $1,680—			
Engineer	1 $1,860	1 $1,860	1 $1,860
Engineer	3 1,740	3 1,740	2.9 1,740
Laundry foreman	1 1,560	1 1,560	1 1,560
Salary range, $1,320 to $1,680; average, $1,500—			
Fireman	4 1,380	4 1,380	3.8 1,380
Salary range, $1,140 to $1,500; average, $1,300—			
Fireman	3 1,140	3 1,140	2.8 1,140
Laborer	1 1,140	1 1,140	1 1,140
Salary range, $780 to $1,020; average, $900—			
Janitor	2 840	2 840	2 840
Laborer	24 840	24 840	23.5 840
Upholsterer	1 840	1 840	1 840
Seamstress			0.7 840
Salary range, $600 to $780; average, $690—			
Laborer	1 696	1 696	1 696
Janitor	16 648	16 648	17.6 648
Laborer	3 720	3 720	3.5 720
Total average number of employees	60	60	61.7
Total salaries and wages, field service	54,664.00	54,664.00	55,555.77
Deduct allowance value of subsistence, lodging, etc., furnished	21,600.00	21,600.00	22,230.00
01 Total personal services, cash payment	33,064.00	33,064.00	33,325.77
Supplies and materials:			
0230 Fuel	85,896.00	85,896.00	87,469.18
0280 Sundry supplies	5,040.00	5,040.00	4,329.91
02 Total supplies and materials	90,936.00	90,936.00	91,799.09
07 Transportation of things (service)			10.86
10 Furnishing of heat, light, power, water, and electricity (service)	19,000.00	19,000.00	13,782.29
30 Furniture, furnishings, and fixtures	5,000.00	9,500.00	7,946.24
		152,500.00	146,864.25
Unobligated balance			8,135.75
Reserve		500.00	
Total	148,000.00	153,000.00	155,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
National Home for Disabled Volunteer Soldiers, Northwestern Branch—Continued. Hospital [$287,000] (*U. S. C., p. 675, sec. 71; act Feb. 23, 1927, vol. 44, p. 1144*)	$290,000.00	

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $3,800 to $6,000; average, $5,000—						
Chief, tuberculosis service	1	$4,728	1	$4,728	1	$4,728
Salary range, $3,000 to $5,000; average, $4,000—						
Assistant surgeon	1	3,720	1	3,720	1	3,720
Salary range, $3,300 to $3,900; average, $3,600—						
Assistant surgeon	5	3,460	5	3,460	3.6	3,460
Salary range, $3,000 to $3,600; average, $3,300—						
Assistant surgeon	8	3,240	8	3,240	6	3,240
Assistant surgeon	4	3,120	4	3,120	3.6	3,120
Consultant	1	3,120	1	3,120		
Salary range, $1,860 to $2,400; average, $2,100—						
Nurse, chief	1	2,160	1	2,160	1	2,160
Aid, occupational therapy	1	1,884	1	1,884	0.9	1,884
Aid, physiotherapy	1	1,884	1	1,884	1	1,884
Technician, laboratory					0.7	1,920
Salary range, $1,680 to $2,040; average, $1,860—						
Cook	2	1,800	2	1,800	2	1,800
Druggist	1	1,800	1	1,800	1	1,800
Mess steward	2	1,800	2	1,800	1.9	1,800
Nurse, assistant chief	1	1,800	1	1,800	0.9	1,800
Aid, occupational therapy	2	1,680	2	1,680	1.9	1,680
Salary range, $1,500 to $1,860; average, $1,680—						
Aid, occupational therapy	2	1,584	2	1,584	1.8	1,584
Consultant	4	1,920	4	1,920	5.7	1,560
Interne	1	1,560	1	1,560		
Aid, physiotherapy	2	1,560	2	1,560	1.8	1,560
Clerk	2	1,560	2	1,560	1.9	1,560
Cook	1	1,560	1	1,560	1	1,560
Dietitian	2	1,560	2	1,560	1.9	1,560
Technician, dental	1	1,560	1	1,560	1	1,560
Technician, laboratory	1	1,560	1	1,560	1.7	1,560
Technician, X-ray	1	1,560	1	1,560	1	1,560
Nurse, trained	1	1,500	1	1,500	1	1,500
Salary range, $1,320 to $1,680; average, $1,500—						
Aid, occupational therapy	1	1,488	1	1,488	1	1,488
Clerk	1	1,440	1	1,440	1	1,440
Nurse, trained	2	1,440	2	1,440	1.9	1,440
Nurse, trained	7	1,380	7	1,380	7.8	1,380
Salary range, $1,140 to $1,500; average, $1,320—						
Clerk	2	1,320	2	1,320	2	1,320
Cook	1	1,320	1	1,320	1	1,320
Druggist	1	1,320	1	1,320	1	1,320
Nurse, trained	38	1,320	38	1,320	41.2	1,320
Clerk	3	1,200	3	1,200	2.9	1,200
Cook	2	1,200	2	1,200	2	1,200
Hospital steward	2	1,200	2	1,200	1.9	1,200
Salary range, $900 to $1,140; average, $1,020—						
Cook	3	1,080	3	1,080	2.9	1,080
Matron	1	1,080	1	1,080	1	1,080
Ward attendant	1	1,080	1	1,080	1	1,080
Cook	1	1,020	1	1,020	1	1,020
Driver	1	1,020	1	1,020	1	1,020
Laborer	3	1,020	3	1,020	3	1,020
Technician, laboratory	1	1,020	1	1,020		
Ward attendant	12	1,020	12	1,020	14.8	1,020
Ward attendant					0.7	1,140
Salary range, $780 to $1,020; average, $900—						
Cook	4	936	4	936	4	936
Driver	1	936	1	936	1	936
Head waiter	2	936	2	936	2	936
Laborer	7	936	7	936	8.4	936
Ward attendant	30	936	30	936	31.8	936
Cook	1	840	1	840	1	840
Dishwasher	2	840	2	840	1.9	840
Hospital steward	2	840	2	840	2	840
Laborer	19	840	19	840	19.7	840
Undertaker	1	840	1	840	1	840
Waiter	26	840	26	840	26.4	840
Ward attendant	55	840	55	840	53.2	840
Salary range, $600 to $780; average, $690—						
Dishwasher	4	744	4	744	4.9	744
Laborer	12	744	12	744	12.7	744
Funeral escort, sergeant	1	696	1	696	0.9	696
Funeral escort, private	5	648	5	648	5.7	648
Laborer	19	648	19	648	18.7	648
Consultant	1	40	1	40		
Total average number of employees	324		324		329.7	
Total salaries and wages, field service		378,248.00		378,248.00		374,516.06
Deduct allowance for subsistence, lodging, etc.		124,920.00		124,920.00		124,350.00
01 Total personal services, cash payment		253,328.00		253,328.00		250,166.06
02 Medicine and hospital supplies		23,000.00		23,000.00		13,157.10
07 Transportation of things (service)						77.50

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

National Home for Disabled Volunteer Soldiers, Northwestern Branch—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Equipment (includes livestock):			
3000 Passenger-carrying vehicles			
3010 Furniture, furnishings, and fixtures	$7,500.00	$4,500.00	$6,985.03
3020 Educational, scientific, and recreational equipment	2,500.00	2,500.00	12,042.76
3050 Other equipment	3,672.00	3,172.00	6,079.22
30 Total equipment	13,672.00	10,172.00	25,107.01
		286,500.00	288,507.67
Unobligated balauce			6,492.33
Reserve		500.00	
Total	290,000.00	287,000.00	295,000.00

Transportation (*U. S. C., p. 675, sec. 71; act Feb. 23, 1927, vol. 44, p. 1144*)—$500.00

06 Transportation: Expenditures—1929, $500; 1928, $500; 1927, $500.

Repairs [$60,000] (*same acts*)—65,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
Salary range, $2,400 to $3,000; average, $2,700—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Chief engineer	1	$2,760	1	$2,760	1	$2,760
Salary range, $1,500 to $1,860; average, $1,680—						
Carpenter	1	1,740	1	1,740	0.9	1,740
Electrical worker	1	1,740	1	1,740	1	1,740
Machinist	1	1,740	1	1,740	1	1,740
Painter	1	1,740	1	1,740	1	1,740
Plumber	1	1,740	1	1,740	1	1,740
Steam fitter	1	1,740	1	1,740	1	1,740
Tinsmith	1	1,740	1	1,740	0.9	1,740
Carpenter	1	1,620	1	1,620	1	1,620
Machinist	1	1,620	1	1,620	1	1,620
Painter	2	1,620	2	1,620	1.9	1,620
Plumber	1	1,620	1	1,620	0.9	1,620
Steam fitter	1	1,620	1	1,620	1	1,620
Salary range, $1,140 to $1,500; average, $1,320—						
Laborer	2	1,200	2	1,200	1.9	1,200
Salary range $900 to $1,140; average, $1,020—						
Laborer	1	1,020	1	1,020	1	1,020
Carpenter					1	960
Salary range, $780 to $1,020; average, $900—						
Electrical worker	1	936	1	936	1	936
Blacksmith	1	840	1	840	0.9	840
Laborer	8.7	840	8.7	840	7.7	840
Painter	1	840	1	840	3.7	840
Salary range, $600 to $780; average, $690—						
Carpenter	1	960	1	960		
Carpenter	1	840	1	840		
Laborer	4	744	4	744	4.7	744
Painter	1	744	1	744	1.8	744
Total average number of employees	35.7		35.7		37.3	
Total salaries and wages, field service		43,496.00		43,496.00		45,102.53
Deduct allowance value of subsistence, lodging, etc.		12,840.00		12,840.00		13,500.00
01 Cash payment, salaries and wages		30,656.00		30,656.00		31,002.53
Deduct other expenditures for personal services included in objects named below		30,656.00		30,656.00		31,602.53
02 Supplies and materials		10,000.00		10,000.00		18,409.76
12 Repairs and alterations		55,000.00		49,500.00		36,219.09
				59,500.00		54,658.85
Unobligated balance						341.15
Reserve				500.00		
Total		65,000.00		60,000.00		55,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
National Home for Disabled Volunteer Soldiers, Northwestern Branch—Continued. Farm (*U. S. C., p. 675, sec. 71; act Feb. 23, 1927, vol. 44, p. 1144*) $17,000.00		

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
Salary range, $1,320 to $1,680; average, $1,500—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Chief gardener	1	$1,560	1	$1,560	1	$1,560
Salary range, $900 to $1,140; average, $1,020—						
Laborer	1	1,080	1	1,080	0.8	1,080
Superintendent of cemetery	1	1,080	1	1,080	1	1,080
Truck driver	3	1,020	3	1,020	3	1,020
Salary range, $780 to $1,020; average, $900—						
Laborer	5	840	5	840	8	840
Stable foreman	1	840	1	840	1	840
Salary range, $600 to $780; average, $690—						
Laborer					2	720
Laborer	6	648	6	648	7.7	648
Total average number of employees	18		18		24.5	
Total salaries and wages, field service		15,718.00		15,718.00		20,590.22
Deduct allowances value of subsistence, lodging, etc., furnished		6,480.00		6,480.00		8,850.00
01 Total personal services, cash payment		9,328.00		9,328.00		11,740.22
Supplies and materials:						
0250 Forage and other supplies for animals		500.00		500.00		743.20
0280 Sundry supplies		4,300.00		4,300.00		2,865.14
02 Total supplies and materials		4,800.00		4,800.00		3,608.34
Equipment (includes livestock):						
3040 Livestock, etc						
3050 Other equipment		2,872.00		2,372.00		1,604.34
30 Total equipment		2,872.00		2,372.00		1,604.34
Unobligated balance				16,500.00		16,952.90
Reserve				500.00		47.10
Total		17,000.00		17,000.00		17,000.00

In all, Northwestern Branch	$879,500.00	$876,500.00
National Home for Disabled Volunteer Soldiers, Eastern Branch— Eastern Branch, Togus, Maine: Current expenses (*U. S. C., p. 675, sec. 71; act Feb. 23, 1927, vol. 44, p. 1144*) 57,500.00		

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
Salary range, $3,800 to $5,000; average, $4,400—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Governor in charge	1	$4,320	1	$4,320	1	$4,320
Salary range, $3,300 to $3,900; average, $3,600—						
Surgeon	1	3,720	1	3,720	1	3,720
Salary range, $3,000 to $3,600; average, $3,300—						
Treasurer	1	3,460	1	3,460	1	3,460
Quartermaster	1	3,360	1	3,360	1	3,360
Salary range, $2,700 to $3,300; average, $3,000—						
Commissary of subsistence	1	3,120	1	3,120	1	3,120
Adjutant and inspector	1	3,120	1	3,120	1	3,120
Salary range, $2,100 to $2,700; average, $2,400—						
Chaplain	1	2,460	1	2,460	0.9	2,460
Salary range, $1,860 to $2,400; average, $2,100—						
Clerk, treasurer	1	2,280	1	2,280	1	2,280
Clerk, governor	1	2,160	1	2,160	1	2,160
Clerk, quartermaster	1	2,160	1	2,160	1	2,160
Musician	1	2,040	1	2,040	1	2,040
Salary range, $1,500 to $1,860; average, $1,680—						
Clerk, treasurer	1	1,680	1	1,680	1	1,680
Clerk, quartermaster	1	1,680	1	1,680	1	1,680
Salary range, $1,320 to $1,680; average, $1,500—						
Clerk, treasurer	1	1,560	1	1,560		
Clerk, treasurer					1	1,440
Clerk, quartermaster	1	1,440	1	1,440	1	1,440
Salary range, $1,140 to $1,500; average, $1,320—						
Chaplain	1	1,320	1	1,320	1	1,320
Clerk, treasurer	1	1,320	1	1,320	1	1,320
Chaplain					0.1	1,200
Musician	3	1,200	3	1,200	2.9	1,200
Salary range, $1,020 to $1,260; average, $1,040—						
Musician	4	1,140	4	1,140	4	1,140
Musician	2.5	1,080	2.5	1,080	2.3	1,080

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

National Home for Disabled Volunteer Soldiers, Eastern Branch—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Field service—Continued.			
Salaries and wages—Continued.	*Average—*	*Average—*	*Average—*
Salary range, $780 to $1,020; average, $900—	*No.* *Salary*	*No.* *Salary*	*No.* *Salary*
Quartermaster sergeant	1 $960	1 $960	1 $960
Clerk, quartermaster	1 960	1 960	1 960
Sergeant major	1 840	1 840	1 840
Clerk, adjutant	1 840	1 840	0.9 840
Printer	1 840	1 840	1 840
Salary range, $420 to $600; average, $510—			
Clerk, quartermaster	1 576	1 576	1 576
Company commander	5 480	5 480	4.9 480
Guard, sergeant	1 480	1 480	1 480
Messenger	1 480	1 480	1 480
Clerk, adjutant	1 480	1 480	1 480
Salary range, $240 to $420; average, $330—			
Laborer	1 384	1 384	0.4 384
Bugler	1 384	1 384	1 384
Company sergeant	7 336	7 336	6.9 336
Guard, sergeant	2 336	2 336	2.1 336
Watchman	1 336	1 336	1 336
Guard, private	6 288	6 288	6.3 288
Janitor	2 288	1 288	2 288
Total average number employees	60.5	59.5	59.7
Total salaries and wages, field service	67,348	67,060	66,490
The difference between 1929 and 1928 is due to increase in force, $624.			
Deduct allowance value of quarters, subsistence, etc., furnished	12,060	12,060	11,916
01 Total personal services, cash payment	55,288	55,000	54,574
02 Stationery and office supplies	660.00	824.00	735.00
Communication service:			
0500 Telegraph service	50.00	50.00	27.31
0510 Telephone service	824.00	624.00	647.85
05 Total communication service	874.00	674.00	675.16
06 Travel expenses	160.00	160.00	169.54
07 Transportation of things (service)	5.00	5.00	----------
08 Printing and binding	7.00	7.00	4.02
09 Advertising and publication notices (service)	70.00	70.00	66.22
12 Repairs and alterations	80.00	80.00	77.63
13 Special and miscellaneous current expenses	80.00	80.00	99.12
Equipment:			
3010 Furniture, furnishings, and fixtures	276.00	100.00	84.21
3050 Other equipment	----------	----------	121.74
30 Total equipment	276.00	100.00	205.95
	----------	57,000.00	56,606.64
Unobligated balance	----------	----------	393.36
Reserve	----------	500.00	----------
Total	57,500.00	57,500.00	57,000.00

Subsistence (*U. S. C., p. 675, sec. 71; act Feb. 23, 1927, vol. 44, p. 1144*) ... $113,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Field service:			
Salaries and wages—	*Average—*	*Average—*	*Average—*
Salary range, $1,320 to $1,680; average, $1,500—	*No.* *Salary*	*No.* *Salary*	*No.* *Salary*
Cook in charge	1 $1,680	1 $1,680	1 $1,680
Baker	1 1,560	1 1,560	1 1,560
Clerk, commissary storehouse	1 1,440	1 1,440	1 1,440
Salary range, $1,020 to $1,260; average, $1,140—			
Laborer	----------	----------	0.3 1,260
Baker	1 1,080	1 1,080	1 1,080
Salary range, $900 to $1,140; average, $1,020—			
Headwaiter	1 1,020	1 1,020	1 1,020
Salary range, $780 to $1,020; average, $900—			
Cook	1 936	1 936	1 936
Laborer	1 936	1 936	1 936
Cook	1 840	1 840	1 840
Waiter	13 840	11 840	10.8 840
Salary range, $600 to $780; average, $690—			
Meat cutter	1 720	1 720	1 720
Commissary sergeant	1 660	1 660	1 660
Cook	1 660	1 660	1 660
Salary range, $420 to $600; average, $510—			
Clerk	1 576	1 576	1 576
Waiter	2 480	2 480	2 480

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

National Home for Disabled Volunteer Soldiers, Eastern Branch—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service—Continued.						
Salaries and wages—Continued.	*Average—*		*Average—*		*Average—*	
Salary range, $240 to $420; average, $330—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Dishwasher	4	$384	4	$384	4	$384
Laborer	2	384	2	384	2	384
Laborer	6	336	6	336	5.9	336
Laborer					0.2	360
Laborer	17	288	16	288	16.4	288
Total average number of employees	56		53		53.6	
Total salaries and wages, field service		33,204		31,236		31,599
The difference between 1929 and 1928 is due to increase in force, $1,968.						
Deduct allowance value of quarters, subsistence, etc., furnished		6,840		6,120		6,516
01 Total personal services, cash payment		26,364		25,116		25,083
Supplies and materials:						
0260 Provisions [1]		85,748.00		85,496.00		86,208.48
0280 Sundry supplies		550.00		1,500.00		2,102.46
02 Total supplies and materials		86,298.00		86,996.00		88,310.94
30 Furniture, furnishings, and fixtures		338.00		388.00		229.93
				112,500.00		[2] 113,623.87
Unobligated balance						1.69
Reserve				500.00		
Total		113,000.00		113,000.00		113,625.56

[1] Includes $7,125.56 paid by "Post fund, special," fiscal year 1927.
[2] Excess of expenditure over appropriation, due to deficiency.

Household (*U. S. C., p. 675, sec. 71; act Feb. 23, 1927, vol. 44, p. 1144*)---- $105,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
Salary range, $1,500 to $1,860; average, $1,680—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Engineer	1	$1,740	1	$1,740	1	$1,740
Salary range, $1,140 to $1,500; average, $1,320—						
Fireman	3	1,380	3	1,380	2.9	1,380
Laundry foreman	2	1,320	2	1,320	2	1,320
Engineer	1	1,260	1	1,260	1	1,260
Fireman	3	1,140	3	1,140	3	1,140
Salary range, $780 to $1,020; average, $900—						
Laborer					1	936
Janitress	1	840	1	840	0.9	840
Salary range, $420 to $600; average, $510—						
Laborer	3	576	3	576	2	576
Fireman	7	480	7	480	8.9	480
Laborer	6	480	6	480	6.3	480
Upholsterer	1	480	1	480	1	480
Salary range, $240 to $420; average, $330—						
Laborer	1	384	1	384	1	384
Laborer	5	336	5	336	5	336
Janitor	10	288	10	288	12	288
Total average number of employees	44		44		48	
Total salaries and wages, field service		27,432		27,432		29,202
Deduct allowance value of quarters, subsistence, etc., furnished		3,960		3,960		4,248
01 Total personal services, cash payment		23,472		23,472		24,954
Supplies and materials:						
0230 Fuel		58,500.00		58,500.00		69,010.59
0280 Sundry supplies		3,028.00		3,028.00		3,001.29
02 Total supplies and materials		61,528.00		61,528.00		62,011.88
07 Transportation of things (service)						58.25
10 Furnishing of heat, light, water, power, and electricity (service) [1]		19,000.00		19,000.00		17,106.34
Equipment:						
3010 Furniture, furnishings, and fixtures		500.00		500.00		661.47
3050 Other equipment		500.00				
30 Total equipment		1,000.00		500.00		661.47
				104,500.00		[2] 104,791.94
Unobligated balance						102.74
Reserve				500.00		
Total		105,000.00		105,000.00		104,894.68

[1] Includes $2,894.68 paid by "Post fund, special," fiscal year 1927.
[2] Excess of expenditure over appropriation due to deficiency.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

National Home for Disabled Volunteer Soldiers, Eastern Branch—Continued.

Hospital (*U. S. C., p. 675, sec. 71; act Feb. 23, 1927, vol. 44, p. 1144*)..... $72,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
Salary range, $3,000 to $3,600; average, $3,300—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Assistant surgeon	2	$3,460	2	$3,460	1.1	$3,460
Assistant surgeon	1	3,240	1	3,240	1	3,240
Assistant surgeon	2	3,120	2	3,120	2.9	3,120
Salary range, $1,500 to $1,860; average, $1,680—						
Druggist	1	1,680	1	1,680	1	1,680
Salary range, $1,320 to $1,680; average, $1,500—						
Cook	1	1,560	1	1,560	1	1,560
Chief nurse	1	1,560	1	1,560	1	1,560
Salary range, $1,140 to $1,500; average, $1,320—						
Technician, dental	1	1,320	1	1,320		
Trained nurse	9	1,320	9	1,320	8.2	1,320
Clerk	1	1,380	1	1,380		
Clerk					1	1,260
Salary range, $780 to $1,020; average, $900—						
Head waiter	1	936	1	936	1	936
Waiter	3	840	3	840	3	840
Laborer	5	840	5	840	5.3	840
Consultant	2	840	2	840	1.5	840
Hospital steward	1	840	1	840	1	840
Cook	1	840	1	840		
Salary range, $600 to $780; average, $690—						
Cook					1	720
Ward attendant	2	720	2	720	2	720
Driver	0.5	660	0.5	660	0.5	660
Ward attendant	3	660	3	660	3	660
Clerk	1	660	1	660		
Salary range, $420 to $600; average, $510—						
Clerk					1	576
Ward attendant	8	576	8	576	8	576
Hospital steward	2	576	2	576	2	576
Cook	2	480	2	480	2	480
Laborer	3	480	3	480	2	480
Undertaker	1	480	1	480	1	480
Ward attendant	13	480	13	480	12.3	480
Salary range, $240 to $420; average, $330—						
Dishwasher	3	384	3	384	3	384
Laborer	1	384	1	384	1	384
Funeral escort sergeant	1	336	1	336	1	336
Laborer	3	336	3	336	3	336
Driver	0.5	288	0.5	288	0.5	288
Funeral escort, private	4	288	4	288	3.9	288
Laborer	17	288	17	288	17	288
Reader	1	288	1	288	1	288
Total average number of employees	98		98		94.2	
Total salaries and wages, field service		75,446		75,446		71,327
Deduct allowance value of quarters, subsistence, etc., furnished		12,600		12,600		11,880
01 Total personal services, cash payment		62,846		62,846		59,447
Supplies and materials:						
0210 Medical and hospital supplies		7,483.00		6,983.00		5,629.27
0280 Sundry supplies		500.00		500.00		576.82
02 Total supplies and materials		7,983.00		7,483.00		6,206.09
07 Transportation of things (service)		25.00		25.00		78.02
22 Burial expenses		706.00		706.00		651.31
Equipment:						
3010 Furniture, furnishings, and fixtures		100.00		100.00		
3050 Other equipment		100.00		100.00		14.50
3020 Educational, scientific, and recreational equipment		240.00		240.00		
30 Total equipment		440.00		440.00		14.50
				71,500.00		66,396.92
Unobligated balance						103.08
Reserve				500.00		
Total		72,000.00		72,000.00		66,500.00

Transportation (*same acts*)..... 500.00

06 Travel expenses: Expenditures—1029, $500; 1928, $500; 1927, $500.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
National Home for Disabled Volunteer Soldiers, Eastern Branch—Continued.		
Repairs (*U. S. C., p. 675, sec. 71; act Feb. 23, 1927, vol. 44, p. 1144*)	$35,000.00	

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
Salary range, $2,400 to $3,000; average, $2,700—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Mason					0.5	$2,880
Salary range, $2,100 to $2,700; average, $2,400—						
Chief engineer	1	$2,460	1	$2,460	1	2,460
Stone mason					0.2	2,160
Salary range, $1,500 to $1,860; average, $1,680—						
Carpenter	1	1,740	1	1,740	1	1,740
Painter	1	1,740	1	1,740	1	1,740
Carpenter	2	1,620	2	1,620	1	1,620
Painter	2	1,620	2	1,620	0.9	1,620
Plumber	1	1,620	1	1,620	1	1,620
Steam fitter	1	1,620	1	1,620	1	1,620
Salary range, $1,140 to $1,500; average, $1,320—						
Laborer					0.1	1,440
Tinsmith	1	1,380	1	1,380	1	1,380
Steam fitter	1	1,260	1	1,260	1	1,260
Carpenter					1.9	1,260
Salary range, $780 to $1,020; average, $900—						
Laborer	1	936	1	936	1	936
Salary range, $420 to $600; average, $510—						
Laborer	1	576	1	576	0.9	576
Laborer	4	480	4	480	5.6	480
Carpenter					0.3	480
Salary range, $240 to $420; average, $330—						
Carpenter	2	384	2	384	1.7	384
Laborer	6	384	6	384	6.5	384
Painter	4	384	4	384	3.8	384
Laborer	1	336	1	336	2.7	336
Laborer	2	288	2	288	2	288
Total average number of employees	32		32		36.1	
Total salaries and wages, field service		27,252.00		27,252.00		29,685.00
Deduct allowances, value of quarters, subsistence, etc., furnished		3,600.00		3,600.00		4,356.00
01 Cash payment, salaries and wages		23,652.00		23,652.00		25,329.00
Deduct expenditures for personal services included in objects named below		23,652.00		23,652.00		25,329.00
02 Supplies and materials		10,000.00		9,500.00		8,384.10
12 Repairs and alterations		25,000.00		25,000.00		26,461.04
				34,500.00		34,845.14
Unobligated balance						154.86
Reserve				500.00		
Total		35,000.00		35,000.00		35,000.00

Farm (*same acts*)	26,000.00	

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
Salary range, $1,500 to $1,860; average, $1,680—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Chief gardener	1	$1,680	1	$1,680	1	$1,680
Farmer	1	1,680	1	1,680	1	1,680
Salary range, $1,140 to $1,500; average, $1,320—						
Farm hand					0.7	1,440
Salary range, $1,020 to $1,260; average, $1,040—						
Herdsman	1	1,200	1	1,200	1	1,200
Salary range, $780 to $1,020; average, $900—						
Laborer	5	936	5	936	5	936
Horseshoer	1	840	1	840	1	840
Laborer	1	840	1	840	1	840
Salary range, $600 to $780; average, $690—						
Laborer	1	720	1	720	1	720
Superintendent of cemetery	1	720	1	720	0.5	720
Salary range, $460 to $600; average, $510—						
Laborer	1	576	1	576	1	576
Laborer	4	480	3	480	3.8	480
Farm hand					2.6	480
Gardener					0.8	480
Laborer	1	444	1	444	1	444

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

National Home for Disabled Volunteer Soldiers, Eastern Branch—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service—Continued.						
Salaries and wages—Continued.	*Average—*		*Average—*		*Average—*	
Salary range, $240 to $420; average, $330—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Gardener					2	$384
Laborer	4	$336	4	$336	3.8	336
Harnessmaker	1	288	1	288	0.6	288
Laborer	9	288	10	288	8.7	288
Total average number employees	32		32		36.5	
Total salaries and wages, field service		19,524		19,332		22,208
The difference between 1929 and 1928 is due to increase in salaries, $192.						
Deduct allowance value of quarters, subsistence, etc., furnished		3,600		3,600		3,852
01 Total personal services, cash payment		15,924		15,732		18,356
Supplies and materials:						
0250 Forage and other supplies for animals		5,000.00		4,500.00		4,531.20
0280 Sundry supplies		4,676.00		4,868.00		2,558.04
02 Total supplies and materials		9,676.00		9,368.00		7,089.24
30 Equipment, livestock, etc		400.00		400.00		524.68
				25,500.00		25,969.92
Unobligated balance						30.08
Reserve				500.00		
Total		26,000.00		26,000.00		26,000.00

In all, Eastern Branch	$409,000.00	$409,000.00

National Home for Disabled Volunteer Soldiers, Southern Branch—
Southern Branch, Hampton, Virginia: Current expenses (*U. S. C., p. 675, sec. 71; act Feb. 23, 1927, vol. 44, p. 1144*) $65,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
Salary range, $3,800 to $5,000; average, $4,400—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Governor	1	$4,320	1	$4,320	1	$4,320
Surgeon	1	4,020	1	4,020	1	4,020
Salary range, $3,000 to $3,600; average, $3,300—						
Treasurer	1	3,460	1	3,460	1	3,460
Quartermaster	1	3,360	1	3,360	1	3,360
Commissary of subsistence	1	3,120	1	3,120	1	3,120
Adjutant and inspector	1	3,120	1	3,120	1	3,120
Salary range, $1,860 to $2,400; average, $2,100—						
Chaplain	1	2,460	1	2,460	1	2,460
Chief clerk, treasurer's office	1	2,280	1	2,280	1	2,280
Chief clerk, quartermaster's office	1	2,160	1	2,160	1	2,160
Clerk, governor's office	1	2,160	1	2,160	1	2,160
Musician, band leader	1	2,040	1	2,040	1	2,040
Salary range, $1,500 to $1,860; average, $1,680—						
Clerk	2	1,800	2	1,800	2	1,800
Clerk	3	1,560	3	1,560	3	1,560
Salary range, $1,140 to $1,500; average, $1,320—						
Chaplain	1	1,320	1	1,320	1	1,320
Quartermaster sergeant	1	1,320	1	1,320	1	1,320
Clerk	3	1,320	3	1,320	3	1,320
Salary range, $1,020 to $1,260; average, $1,140—						
Printer	1	1,200	1	1,200	1	1,200
Musician	3	1,200	3	1,200	3	1,200
Musician	4	1,140	4	1,140	3.8	1,140
Sergeant major	1	1,140	1	1,140	1	1,140
Musician	2	1,080	2	1,080	2	1,080
Guard, sergeant	1	1,080	1	1,080	1	1,080
Salary range, $780 to $1,020; average, $900—						
Company commander	2	936	2	936	2	936
Clerk	2	936	2	936	2	936
Company commander	7	840	7	840	7	840
Clerk	2	840	2	840	2	840
Guard, sergeant	1	840	1	840	0.2	840
Messenger	1	840	1	840	1	840
Telephone operator	3	840	3	840	3	840

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

National Home for Disabled Volunteer Soldiers, Southern Branch—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service—Continued.						
Salaries and wages—Continued.	*Average—*		*Average—*		*Average—*	
Salary range, $600 to $780; average, $690—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Guard, private	3	$780	3	$780	0.3	$780
Bugler	1	744	1	744	1	744
Company sergeant	9	696	9	696	9	696
Watchman	1	696	1	696	1	696
Guard, private					5.9	648
Janitor	4	648	4	648	3.9	648
Total average number of employees	69		69		71.1	
Total salaries and wages, field service		89,800.00		89,800.00		89,748.23
Deduct allowance value of subsistence, lodging, etc., furnished		27,540.00		27,540.00		28,110.00
01 Total personal services		62,260.00		62,260.00		61,638.23
Supplies and materials:						
0200 Stationery and office supplies		800.00		600.00		682.47
0280 Sundry supplies		400.00		300.00		298.44
02 Total supplies and materials		1,200.00		900.00		980.91
Communication service:						
0500 Telegraph service		100.00		75.00		78.13
0510 Telephone service		240.00		215.00		229.65
05 Total communication service		340.00		290.00		307.78
06 Travel expenses		250.00		250.00		259.37
07 Transportation of things (service)		40.00		40.00		42.57
09 Advertising and publication of notices (service)		70.00		70.00		66.62
13 Special and miscellaneous current expenses		142.80		142.80		142.80
30 Equipment		697.20		597.20		940.47
				64,500.00		64,378.75
Unobligated balauce						621.25
Reserve				500.00		
Total		65,000.00		65,000.00		65,000.00

Subsistence [$262,200] (*U. S. C., p. 675, sec. 71; act Feb. 23, 1927, vol. 44, p. 1144*) $267,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
Salary range, $1,500 to $1,860; average, $1,680—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Cook	1	$1,800	1	$1,800	1	$1,800
Cook	1	1,560	1	1,560	1	1,560
Baker	1	1,560	1	1,560	1	1,560
Salary range, $1,140 to $1,500; average, $1,320—						
Clerk	1	1,440	1	1,440	1	1,440
Cook	2	1,200	2	1,200	2	1,200
Salary range, $1,020 to $1,260; average, $1,140—						
Baker	1	1,080	1	1,080	1	1,080
Meat cutter	1	1,080	1	1,080	1	1,080
Cook	2	1,020	2	1,020	2	1,020
Commissary sergeant	1	1,020	1	1,020	1	1,020
Head waiter	1	1,020	1	1,020	1	1,020
Salary range, $780 to $1,020; average, $900—						
Clerk	1	936	1	936	1	936
Cook	3	936	3	936	2.9	936
Head waiter	1	936	1	936	1	936
Laborer	3	936	3	936	3	936
Laborer	6	840	6	840	6	840
Waiter	35	840	35	840	28	840
Salary range, $600 to $780; average $690—						
Laborer	19	744	19	744	18.8	744
Laborer	2	696	2	696	2	696
Laborer	15	648	15	648	14.8	648
Total average number of employees	97		97		89.5	
Total salaries and wages, field service		82,176.00		82,176.00		75,772.99
Deduct allowance value of subsistence furnished		34,920.00		34,920.00		32,220.00
01 Total personal services, cash payment		47,256.00		47,256.00		43,552.99
Supplies and materials:						
0260 Provisions		214,000.00		209,544.00		216,515.01
0280 Sundry supplies		3,000.00		3,000.00		3,016.99
02 Total supplies and materials		217,000.00		212,544.00		219,532.00
07 Transportation of things (service)		50.00		50.00		56.08

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

National Home for Disabled Volunteer Soldiers, Southern Branch—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Equipment:			
3010	Furniture, furnishings and fixtures	$2,000.00	$2,000.00	$2,221.52
3050	Other equipment	694.00	150.00	128.28
30	Total equipment	2,694.00	2,150.00	2,349.80
			262,000.00	[1] 265,490.87
	Unobligated balance			1.31
	Reserve		200.00	
	Total	267,000.00	262,200.00	265,492.18

[1] Excess of expenditure over appropriation due to deficiency.

Household [$126,000] (*U. S. C., p. 675, sec. 71; act Feb. 23, 1927, vol. 44, p. 1144*) $130,000.00

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Field service:						
	Salaries and wages—	*Average—*		*Average—*		*Average—*	
	Salary range, $1,500 to $1,860; average, $1,680—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Engineer	1	$1,860	1	$1,860	1	$1,860
	Engineer	3	1,740	3	1,740	3	1,740
	Salary range, $1,140 to $1,500; average, $1,320—						
	Laundry foreman	1	1,440	1	1,440		
	Engineer	1	1,380	1	1,380	1	1,380
	Fireman	6	1,380	6	1,380	6	1,380
	Laundry foreman					1	1,380
	Laborer	3	1,200	3	1,200	3	1,200
	Salary range, $780 to $1,020; average, $900—						
	Laborer	2	1,020	2	1,020	2	1,020
	Engineer	3	936	3	936	3	936
	Laborer	12	840	12	840	12	840
	Upholsterer	1	840	1	840	0.9	840
	Salary range, $600 to $780; average, $690—						
	Seamstress	1	744	1	744	1	744
	Laborer	5	696	5	696	5	696
	Janitor	6	648	6	648	5	648
	Laborer	5	648	5	648	4.9	648
	Total average number of employees	50		50		48.8	
	Total salaries and wages, field service		48,900.00		48,900.00		48,068.00
	Deduct allowance value of subsistence, lodging, etc., furnished		18,000.00		18,000.00		17,741.84
01	Total personal services, cash payment		30,900.00		30,900.00		30,424.16
	Supplies and materials:						
0200	Stationery and office supplies		6,000.00		6,000.00		6,327.63
0230	Fuel		71,000.00		66,500.00		66,573.71
0280	Sundry supplies		1,300.00		1,300.00		1,380.51
02	Total supplies and materials		78,300.00		73,800.00		74,281.85
07	Transportation of things (service)		10.00		10.00		10.07
10	Furnishing heat, light, power, water, electricity (service)		15,000.00		15,000.00		14,587.59
	Equipment:						
3010	Furniture, furnishings, and fixtures		5,300.00		5,300.00		5,816.13
3050	Other equipment		490.00		490.00		578.87
30	Total equipment		5,790.00		5,790.00		6,395.00
					125,500.00		125,698.67
	Unobligated balance						1,301.33
	Reserve				500.00		
	Total		130,000.00		126,000.00		127,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
National Home for Disabled Volunteer Soldiers, Southern Branch—Continued.		
Hospital [$160,000] (*U. S. C., p. 675, sec. 71; act Feb. 23, 1927, vol. 44, p. 1144*)	$165,000.00	

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $3,300 to $3,900; average, $3,600—						
Assistant surgeon	2	$3,720	2	$3,720	2	$3,720
Salary range, $3,000 to $3,600; average, $3,300—						
Assistant surgeon	2	3,460	2	3,460	2	3,460
Assistant surgeon	4	3,240	3	3,240	1	3,240
Assistant surgeon	1	3,120	1	3,120	2.9	3,120
Salary range, $1,500 to $1,860; average, $1,680—						
Chief nurse	1	1,800	1	1,800	1	1,800
Occupational therapy aid	1	1,680	1	1,680	1	1,680
Druggist	1	1,680	1	1,680	0.6	1,680
Executive clerk	1	1,560	1	1,560	0.7	1,560
Cook	1	1,560	1	1,560	1	1,560
Dietitian	1	1,560	1	1,560	1	1,560
Druggist					0.9	1,560
Trained nurse	2	1,560	2	1,560	2	1,560
Technician	1	1,560	1	1,560	1	1,560
Salary range, $1,140 to $1,500; average, $1,320—						
Trained nurse	15	1,440	10	1,440	9.9	1,440
Consultant	1	1,320	1	1,320	1	1,320
Clerk	2	1,320	2	1,320	2	1,320
Druggist	1	1,320	1	1,320	0.7	1,320
Trained nurse	14	1,320	14	1,320	12.7	1,320
Technician	3	1,320	3	1,320	3	1,320
Hospital steward	1	1,320	1	1,320	1	1,320
Salary range, $1,020 to $1,260; average, $1,140—						
Consultant	1	1,200	1	1,200	1	1,200
Cook	1	1,200	1	1,200	1	1,200
Hospital steward	3	1,080	3	1,080	2	1,080
Clerk	2	1,080	2	1,080	2	1,080
Ward attendant	4	1,080	4	1,080	4	1,080
Physiotherapy aid	1	1,080	1	1,080	1	1,080
Driver	1	1,020	1	1,020	1	1,020
Ward attendant	19	1,020	19	1,020	18.9	1,020
Salary range, $780 to $1,020; average, $900—						
Cook	3	936	3	936	3	936
Head waiter	1	936	1	936	1	936
Laborer	2	936	2	936	1.8	936
Ward attendant	28	936	23	936	22.5	936
Cook	1	840	1	840	1	840
Laborer	4	840	4	840	4	840
Waiter	6	840	6	840	6	840
Ward attendant	24	840	24	840	23.7	840
Undertaker	1	840	1	840	1	840
Salary range, $600 to $780; average, $690—						
Laborer	24	744	24	744	23.8	744
Seamstress	1	744	1	744	1	744
Funeral escort, sergeant	1	696	1	696	1	696
Laborer	16	696	16	696	15.7	696
Funeral escort, private	6	648	6	648	5.9	648
Reader	1	648	1	648	1	648
Total average number of employees	206		195		190.7	
Total salaries and wages, field service		226,232.00		211,112.00		205,623.83
The difference between 1929 and 1928 is due to increase in force, $15,120.						
Deduct allowance value of subsistence, etc., furnished		77,400.00		73,080.00		71,490.00
01 Total personal services, cash payment		148,832.00		138,032.00		134,133.83
Supplies and materials:						
0210 Medical and hospital supplies		3,600.00		4,000.00		3,666.19
0220 Scientific and educational supplies		200.00		200.00		114.12
0280 Sundry supplies		10,000.00		14,000.00		14,002.76
02 Total supplies and materials		13,800.00		18,200.00		17,783.07
07 Transportation of things (service)		100.00		100.00		78.55
Equipment:						
3010 Furniture, furnishings, and fixtures		800.00		1,000.00		819.18
3050 Other equipment		1,468.00		1,668.00		1,882.68
30 Total equipment		2,268.00		2,668.00		2,701.76
				159,000.00		154,697.21
Unobligated balance						302.79
Reserve				1,000.00		
Total		165,000.00		160,000.00		155,000.00

Transportation (*same acts*)	1,000.00	

06 Travel expenses: Expenditures—1929, $1,000; 1928, $1,000; 1927, $987.93.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
National Home for Disabled Volunteer Soldiers, Southern Branch—Continued.		
Repairs (*U. S. C., p. 675, sec. 71; act Feb. 23, 1927, vol. 44, p. 1144*) $50,000.00		

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
Salary range, $2,100 to $2,700; average, $2,400—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Chief engineer	1	$2,580	1	$2,580	1	$2,580
Salary range, $1,500 to $1,860; average, $1,680—						
Carpenter	1	1,740	1	1,740	1	1,740
Electrical worker	1	1,740	1	1,740	1	1,740
Painter	1	1,740	1	1,740	1	1,740
Steamfitter	2	1,740	2	1,740	2	1,740
Carpenter	1	1,620	1	1,620	0.9	1,620
Machinist	1	1,620	1	1,620	1	1,620
Painter	2	1,620	2	1,620	2	1,620
Plumber	2	1,620	2	1,620	2	1,620
Tinsmith	1	1,500	1	1,500	1	1,500
Salary range, $1,400 to $1,500; average, $1,320—						
Electrical worker	1	1,320	1	1,320	1	1,320
Salary range, $780 to $1,020; average, $900—						
Laborer	3	1,020	3	1,020	3	1,020
Mason	1	1,020	1	1,020	1	1,020
Laborer	2	840	2	840	2	840
Salary range, $600 to $780; average, $690—						
Carpenter	3	744	3	744	2.7	744
Laborer	1	744	1	744	1	744
Painter	3	744	3	744	2.8	744
Laborer	3	648	3	648	2.9	648
Total average number of employees	30		30		29.3	
Total salaries and wages, field service		36,732.00		36,732.00		36,143.09
Deduct allowence value of subsistence, lodging, etc., furnished		10,800.00		10,800.00		10,560.00
Net salaries and wages, field service		25,932.00		25,932.00		25,683.09
Deduct expenditures for personal services included in objects named below		25,932.00		25,932.00		25,583.09
02 Supplies and materials		20,000.00		20,000.00		20,407.67
12 Repairs and alterations		29,000.00		29,000.00		29,158.22
30 Equipment		1,000.00		700.00		360.59
				49,700.00		49,926.48
Unobligated balance						73.52
Reserve				300.00		
Total		50,000.00		50,000.00		50,000.00

Farm [$15,000] (*same acts*) 16,500.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
Salary range, $1,860 to $2,400; average, $2,100—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Chief gardener	1	$2,100	1	$2,100		
Chief gardener					1	$2,040
Salary range, $780 to $1,020; average, $900—						
Truck driver	1	1,020	1	1,020	1	1,020
Laborer	3	936	3	936	3.9	936
Horseshoer	1	840	1	840	0.9	840
Laborer	3	804	3	804	3.3	804
Salary range, $660 to $780; average, $690—						
Laborer	2	696	2	696	2	696
Laborer	10	648	10	648	10.5	648
Total average number of employees	21		21		21.6	
Total salaries and wages, field service		18,000.00		18,000.00		17,966.88
Deduct allowances for sales, lodging, etc		7,560.00		7,560.00		7,771.00
01 Total personal services, cash payment		10,440.00		10,440.00		10,195.88
Supplies and materials:						
0230 Fuel		2,060.00		1,060.00		1,299.14
0250 Forage and other supplies for animals		1,000.00		600.00		664.99
0280 Sundry supplies		2,000.00		2,000.00		1,782.60
02 Total supplies and materials		5,060.00		3,560.00		3,746.73
07 Transportation of things (service)						6.59
30 Equipment		1,000.00		800.00		885.72
				14,800.00		14,834.92
Unobligated balance						165.08
Reserve				200.00		
Total		16,500.00		15,000.00		15,000.00

In all, Southern Branch ..... $694,500.00 | $679,200.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
National Home for Disabled Volunteer Soldiers, Western Branch— Western Branch, Leavenworth, Kansas: Current expenses (*U. S. C., p. 675, sec. 71; act Feb. 23, 1927, vol. 44, p. 1144*)	$71,600.00	

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average—		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Field service:						
Salaries and wages—						
Salary range, $3,800 to $5,000; average, $4,400—						
Governor	1	$4,320	1	$4,320	0.5	$1,320
Salary range, $3,300 to $3,900; average, $3,600—						
Surgeon	1	3,720	1	3,720	1	3,720
Salary range, $3,000 to $3,600; average, $3,300—						
Treasurer	1	3,460	1	3,460	1	3,460
Quartermaster	1	3,360	1	3,360	1	3,360
Salary range, $2,700 to $3,300; average, $3,000—						
Commissary of subsistence	1	3,120	1	3,120	1	3,120
Adjutant and inspector	1	3,120	1	3,120	1	3,120
Salary range, $2,400 to $3,000; average, $2,700—						
Chaplain	2	2,460	2	2,460	2	2,460
Salary range, $2,100 to $2,700; average, $2,400—						
Chief clerk, treasurer	1	2,280	1	2,280	1	2,280
Chief clerk, governor and quartermaster	2	2,160	2	2,160	2	2,160
Salary range, $1,860 to $2,400; average, $2,100—						
Chief musician	1	2,040	1	2,040	1	2,040
Contract clerk	1	1,920	1	1,920	1	1,920
Salary range, $1,500 to $1,860; average, $1,680—						
Clerk, pension and property	2	1,680	2	1,680	2	1,680
Salary range, $1,320 to $1,680; average, $1,500—						
Clerk	2	1,440	2	1,440	1	1,440
Salary range, $1,140 to $1,500; average, $1,320—						
Clerk	2	1,320	2	1,320	2	1,320
Printer	1	1,320	1	1,320		
Clerk					1	1,260
Clerk	1	1,200	1	1,200	0.8	1,200
Musician	3.5	1,200	3.5	1,200	3.5	1,200
Printer					1	1,200
Salary range, $1,020 to $1,260; average, $1,140—						
Musician	3.5	1,140	3.5	1,140	3.3	1,140
Salary range, $900 to $1,140; average, $1,020—						
Musician	2.7	1,080	2.7	1,080	2.5	1,080
Quartermaster sergeant	1	960	1	960	1	960
Sergeant major	1	900	1	900		
Salary range, $780 to $1,020; average, $900—						
Telephone operator	3	840	3	840	3	840
Salary range, $600 to $780; average, $690—						
Sergeant major					1	780
Governor					0.5	720
Clerk	2	720	2	720	2	720
Salary range, $420 to $600; average, $510—						
Company commander	3	576	3	576	3	576
Clerk	2	576	2	576	2	576
Company commander	10	480	10	480	9	480
Guard, sergeant	1	480	1	480	1	480
Clerk	1	480	1	480	1	480
Messenger	1	480	1	480	1	480
Salary range, $240 to $420; average, $330—						
Bugler	1	384	1	384	1	384
Company sergeant	13	336	13	336	12	336
Laborer	1	336	1	336	1	336
Guard, sergeant	1	336	1	336	1	336
Guard, private	9	288	9	288	9	288
Janitor	2	288	2	288	2	288
Laborer	1	288	1	288	0.8	288
Total average number of employees	83.7		83.7		80.9	
Total salaries and wages, field service		82,781		82,781		79,031
Deduct allowance value of subsistence, lodging, etc., furnished		15,012		15,012		14,796
01 Total personal services, cash payment		67,769		67,769		64,235
02 Stationery and office supplies		1,529.10		1,229.10		1,450.43
Communication service:						
0500 Telegraph service		97.91		97.91		97.91
0510 Telephone service		717.59		717.59		717.59
05 Total communication service		815.50		815.50		815.50
Travel expenses:						
0615 Transportation		150.62		150.62		150.62
0616 Subsistence		24.10		24.10		24.10
06 Total travel expenses		174.72		174.72		174.72
09 Advertising and publication of notices (services)		46.41		46.41		46.41
13 Special and miscellaneous current expense		153.68		53.68		153.68
Equipment:						
3010 Furniture, furnishings, and fixtures		460.25		360.25		460.25
3050 Other equipment		651.34		551.34		651.34
30 Total equipment		1,111.59		911.59		1,111.59
				71,000.00		[1] 67,987.33
Unobligated balance						12.67
Reserve				600.00		
Total		71,600.00		71,600.00		68,000.00

[1] Excess of expenditure over appropriation, due to deficiency.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

National Home for Disabled Volunteer Soldiers, Western Branch—Continued.

Subsistence (*U. S. C., p. 675, sec. 71; act Feb. 23, 1927, vol. 44, p. 1144*) ---- $245,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
Salary range, $1,320 to $1,680; average, $1,320—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Cook	1	$1,680	1	$1,680	1	$1,680
Baker	1	1,560	1	1,560	1	1,560
Clerk	1	1,440	1	1,440	1	1,440
Cook	1	1,320	1	1,320	1	1,320
Baker	1	1,320	1	1,320	1	1,320
Salary range, $1,020 to $1,260; average, $1,140—						
Meat cutter	1	1,200	1	1,200	1	1,200
Cook	1	1,200	1	1,200	1	1,200
Baker	1	1,200	1	1,200	1	1,200
Head waiter	1	1,020	1	1,020	1	1,020
Salary range, $780 to $1,020; average, $900—						
Head waiter	1	936	1	936	1	936
Waiter	32	840	32	840	30.4	840
Waiter	1	744	1	744	1	744
Laborer	2	744	2	744	2	744
Salary range, $600 to $780; average, $690—						
Laborer	7	696	7	696	7	696
Commissary sergeant	1	660	1	660	1	660
Cook	3	660	3	660	3	660
Salary range, $420 to $600; average, $510—						
Laborer	3	480	3	480	3	480
Salary range, $240 to $384; average, $330—						
Laborer	9	384	9	384	9	384
Laborer	19	336	19	336	19	336
Total average number of employees	87		87		85.4	
Total salaries and wages, field service		60,780		60,780		59,436
Deduct allowance value of subsistence, lodging, etc., furnished		18,720		18,720		18,144
01 Total personal services, cash payment		42,060		42,060		41,292
Supplies and materials:						
0240 Wearing apparel		81.27		81.27		81.27
0260 Provisions		199,027.70		199,027.70		204,027.70
0280 Sundry supplies		1,604.26		1,604.26		2,372.26
02 Total supplies and materials		200,713.23		200,713.23		206,481.23
Equipment:						
3010 Furniture, furnishings, and fixtures		1,709.77		1,209.77		2,259.87
3050 Other equipment		517.00		517.00		1,067.89
30 Total equipment		2,226.77		1,726.77		3,327.76
				244,500.00		[1] 251,100.99
Reserve				500.00		
Total		245,000.00		245,000.00		251,100.99

[1] Excess of expenditure over appropriation due to deficiency.

Household (*same acts*) ---- 145,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
Salary range, $1,680 to $2,040; average, $1,860—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Engineer	1	$1,980	1	$1,980	1	$1,980
Engineer	1	1,680	3	1,680	3	1,680
Salary range, $1,140 to $1,500; average, $1,320—						
Laundry foreman	1	1,440	1	1,440		
Fireman	3	1,380	3	1,380	3	1,380
Laundry foreman					1	1,200
Laborer					1	1,200
Salary range, $780 to $1,020; average, $900—						
Laborer	7	840	7	840	7	840
Salary range, $600 to $780; average, $690—						
Laborer	1	660	1	660	1	660
Salary range, $420 to $600; average, $510—						
Janitor	1	480	1	480	0.9	480
Laborer	3	480	3	480	2	480
Upholsterer	1	480	1	480		
Salary range, $240 to $420; average, $330—						
Upholsterer					1	384
Laborer	5	336	5	336	5	336
Janitor	42	288	42	288	41	288
Total average number of employees	68		68		66.9	
Total salaries and wages, field service		35,316		35,316		35,364
Deduct allowance for subsistence, lodging, etc		5,400		5,400		5,760
01 Total personal services, cash payment		29,916		29,916		29,604

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

National Home for Disabled Volunteer Soldiers, Western Branch—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Supplies and materials:			
0230 Fuel	$77,715.84	$77,715.84	$84,039.41
0280 Sundry supplies	6,336.81	6,336.81	6,336.81
02 Total supplies and materials	84,052.65	84,052.65	90,376.22
10 Furnishing of heat, etc	26,557.49	26,557.49	31,054.88
Equipment:			
3010 Furniture, furnishings, and fixtures	3,797.06	3,297.06	3,797.06
3050 Other equipment	676.80	676.80	676.80
30 Total equipment	4,473.86	3,973.86	4,473.86
Reserve		144,500.00 500.00	[1] 155,508.96
Total	145,000.00	145,000.00	155,508.96

[1] Excess of expenditure over appropriation due to deficiency.

Hospital [$148,000] (*U. S. C., p. 675, sec. 71; act Feb. 23, 1927, vol. 44, p. 1144*) $150,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $3,000 to $3,600; average, $3,300—						
Assistant surgeon	1	$3,600	0.5	$3,600	0.2	$3,600
Assistant surgeon	1	3,460	1	3,460	0.9	3,460
Assistant surgeon	4	3,240	4	3,240	2.5	3,240
Assistant surgeon	2	3,120	2	3,120	4.1	3,120
Salary range, $1,680 to $2,040; average, $1,860—						
Executive clerk	1	1,800	1	1,800	1	1,800
Chief nurse	1	1,800	1	1,800	1	1,800
Occupational therapy aid	1	1,680	1	1,680	1	1,680
Salary range, $1,320 to $1,680; average, $1,500—						
Technician	1	1,560	1	1,560	1	1,560
Druggist	1	1,560	1	1,560	1	1,560
Cook	1	1,560	1	1,560	1	1,560
Clerk	2	1,440	2	1,440	2	1,440
Consultant	0.5	1,440	0.5	1,440	0.5	1,440
Dentist assistant	1	1,320	1	1,320	1	1,320
Clerk	1	1,320	1	1,320	1	1,320
Nurses, trained	26	1,320	26	1,320	23.6	1,320
Salary range, $1,020 to $1,260; average, $1,140—						
Technician	1	1,200	1	1,200	1	1,200
Cook	1	1,200	1	1,200	1	1,200
Cook	1	1,080	1	1,080	1	1,080
Ward attendant	11	1,020	11	1,020	9.8	1,020
Salary range, $900 to $1,140; average, $1,020—						
Cook	4	936	4	936	4	936
Head waiter	1	936	1	936	1	936
Ward attendant	17	936	17	936	17	936
Salary range, $780 to $1,020; average, $900—						
Laborer	9	840	9	840	9	840
Cook	2	840	2	840	1	840
Hospital steward	1	840	1	840	1	840
Waiter	13	840	13	840	13	840
Salary range, $600 to $780; average, $690—						
Laborer	3	744	3	744	3	744
Nurse	1	720	1	720	1	720
Cook	1	660	1	660	1	660
Hospital steward	1	660	1	660	1	660
Ward attendant	6	660	6	660	6	660
Driver	1	660	1	660	1	660
Laborer	17	648	17	648	17	648
Druggist assistant	1	600	1	600	1	600
Salary range, $420 to $600; average, $510—						
Hospital steward	3	576	3	576	2	576
Driver	1	576	1	576	1	576
Ward attendant	12	576	12	576	12	576
Laborer	2	576	2	576	2	576
Undertaker	1	480	1	480	1	480
Laborer	6	480	6	480	6	480
Ward attendant	6	480	6	480	5.9	480
Salary range, $240 to $420; average, $330—						
Laborer	3	384	3	384	3	384
Sergeant, funeral escort	1	336	1	336	1	336
Private, funeral escort	6	288	6	288	6	288
Laborer	17	288	17	288	15.8	288
Reader	1	288	1	288	1	288
Total average number of employees	195.5		195		188.3	
Total salaries and wages, field service		180,148		178,348		171,295
Deduct allowance value of subsistence, lodging, etc., furnished		47,880		47,528		46,020
01 Total personal services, cash payment		132,268		130,828		125,275
The difference between 1929 and 1928 is due to full-time schedule, $1,440.						

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

National Home for Disabled Volunteer Soldiers, Western Branch—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Supplies and materials:			
0210 Medical and hospital supplies	$10,282.27	$10,082.27	$11,923.16
0220 Scientific and educational supplies	261.09	261.09	361.09
0280 Sundry supplies	399.03	399.03	499.03
02 Total supplies and materials	10,742.39	10,742.39	12,783.28
Equipment:			
3010 Furniture, furnishings, and fixtures	564.87	564.87	1,005.87
3050 Other equipment	6,424.74	5,364.74	6,424.74
30 Total equipment	6,989.61	5,929.61	7,430.61
		147,500.00	145,488.39
Unobligated balance			611.11
Reserve		500.00	
Total	150,000.00	148,000.00	146,100.00

Transportation (*U. S. C., p. 675, sec. 71; act Feb. 23, 1927, vol. 44, p. 1144*)--- $500.00

06 Travel expenses: Expenditures—1929, $500; 1928, $500; 1927, $497.33.

Repairs (*same acts*)---------- 51,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $2,700 to $3,300; average, $3,000—						
Chief engineer	1	$2,760	1	$2,760	1	$2,760
Salary range, $1,680 to $2,040; average, $1,860—						
Carpenter	1	1,740	1	1,740	1	1,740
Electrical worker	1	1,740	1	1,740	1	1,740
Painter	1	1,740	1	1,740	1	1,740
Plumber	2	1,740	2	1,740	2	1,740
Steam fitter	1	1,740	1	1,740	1	1,740
Tinsmith	1	1,740	1	1,740	1	1,740
Machinist	1	1,740	1	1,740	1	1,740
Mason	1	1,740	1	1,740		
Salary range, $1,320 to $1,680; average, $1,500—						
Carpenter	1	1,620	1	1,620	1	1,620
Painter	2	1,620	2	1,620	2	1,620
Blacksmith	1	1,380	1	1,380	1	1,380
Laborer, skilled	1	1,320	1	1,320	1	1,320
Salary range, $1,140 to $1,500; average, $1,320—						
Laborer, skilled	1	1,260	1	1,260	1	1,260
Mason					1	1,260
Painter	1.3	1,680	1.3	1,680	1.3	1,260
Salary range, $900 to $1,140; average, $1,020—						
Laborer	2.3	936	2.3	936	2.3	936
Salary range, $420 to $600; average, $510—						
Laborer	1	576	1	576	1	576
Carpenter	4	480	4	480	3.3	480
Laborer	7	480	7	480	6.7	480
Salary range, $240 to $420; average, $330—						
Painter	3	384	3	384	2.9	384
Laborer	1	384	1	384	1	384
Laborer	2	288	2	288	2	288
Total average number of employees	37.6		37.6		36.5	
Total salaries and wages, field service		39,041		39,041		38,000
Deduct allowance value of subsistence, lodging, etc., furnished		5,760		5,760		5,760
01 Total personal services, cash payment		33,281		33,281		32,240
Deduct other expenditures for personal services in objects named below		33,281		33,281		32,240
02 Supplies and materials		15,479.00		15,279.00		15,944.00
12 Repairs and alterations		35,521.00		35,221.00		34,480.54
				50,500.00		50,424.54
Unobligated balance						575.46
Reserve				500.00		
Total		51,000.00		51,000.00		51,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, refereuces to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object		Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
National Home for Disabled Volunteer Soldiers, Western Branch—Continued. Farm (*U. S. C., p. 675, sec. 71; act Feb. 23, 1927, vol. 44, p. 1144*)	$25, 200. 00		

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
Salary range, $1,680 to $2,040; average, $1,860—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Chief gardener	1	$1, 920	1	$1, 920	1	$1, 920
Farmer	1	1, 800	1	1, 800	1	1, 800
Salary range, $1,140 to $1,500; average, $1,320—						
Cemetery superintendent	1	1, 200	1	1, 200	1	1, 200
Laborer	1	1, 200	1	1, 200	1	1, 200
Salary range, $1,020 to $1,260; average, $1,140—						
Laborer	1	1, 080	1	1, 080	1. 1	1, 080
Salary range, $780 to $1,020; average, $900—						
Laborer	1	936	1	936	1	936
Laborer	11	840	11	840	11	840
Salary range, $600 to $780; average, $690—						
Laborer	5	660	5	660	5	660
Salary range, $420 to $600; average, $510—						
Laborer	1	576	1	576	1	576
Laborer	8	480	8	480	5. 8	480
Salary range, $240 to $420; average, $330—						
Laborer	3	288	3	288	2. 9	288
Total average number of employees	34		34		31. 8	
Total salaries and wages, field service		25, 956		25, 956		24, 979
Deduct allowance for subsistence, lodging, etc		6, 120		6, 120		6, 156
01 Total personal services, cash payment		19, 836		19, 836		18, 823
Supplies and materials:						
0250 Forage and other supplies for animals		3, 329. 00		3, 329. 00		3, 597. 18
0280 Sundry supplies		1, 435. 00		1, 235. 00		1, 712. 98
02 Total supplies and materials		4, 764. 00		4, 564. 00		5, 310. 16
30 Equipment		600. 00		600. 00		714. 82
				25, 000. 00		24, 847. 98
Unobligated balance						352. 02
Reserve				200. 00		
Total		25, 200. 00		25, 200. 00		25, 200. 00

In all, Western Branch		$688, 300. 00	$686, 300. 00
National Home for Disabled Volunteer Soldiers, Pacific Branch— Pacific Branch, Santa Monica, California: Current expenses (*U. S. C., p. 675, sec. 71; act Feb. 23, 1927, vol. 44, p. 1144*)	80, 000. 00		

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
Salary range, $3,800 to $5,000; average, $4,400—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Governer	1	$4, 920	1	$4, 920	1	$4, 920
Surgeon	1	4, 824	1	4, 824	1	4, 824
Salary range, $3,000 to $3,600; average, $3,300—						
Treasurer	1	3, 460	1	3, 460	1	3, 460
Quartermaster	1	3, 360	1	3, 360	1	3, 360
Commissary of subsistence					0. 1	3, 120
Commissary of subsistence	1	3, 360	1	3, 360	0. 9	3, 360
Adjutant and inspector	1	3, 120	1	3, 120	1	3, 120
Salary range, $2,100 to $2,700; average, $2,400—						
Chaplain	1	2, 460	1	2, 460	1	2, 460
Clerk	1	2, 280	1	2, 280	1	2, 280
Clerk	2	2, 160	2	2, 160	2	2, 160
Salary range, $1,680 to $2,040; average, $1,860—						
Musician	1	2, 040	1	2, 040	1	2, 040
Clerk	1	2, 040	1	2, 040		
Clerk	1	1, 920	1	1, 920	2	1, 920
Clerk	1	1, 680	1	1, 680	1	1, 680
Salary range, $1,320 to $1,680; average, $1,500—						
Chaplain	1	1, 560	1	1, 560	1	1, 560
Guard sergeant	1	1, 560	1	1, 560	1	1, 560
Guard sergeant	3	1, 320	3	1, 320	2	1, 320
Quartermaster sergeant	1	1, 320	1	1, 320	1	1, 320
Clerk	2	1, 560	2	1, 560	1	1, 560
Clerk	2	1, 440	2	1, 440	2	1, 440
Clerk	1	1, 320	1	1, 320	2	1, 320
Salary range, $1,020 to $1,260; average, $1,140—						
Clerk	1	1, 260	1	1, 260	1	1, 260
Clerk	2	1, 200	2	1, 200	2	1, 200
Printer	1	1, 200	1	1, 200	1	1, 200
Musician	3. 5	1, 200	3. 5	1, 200	3. 2	1, 200
Musician	2. 7	1, 140	2. 7	1, 140	2. 6	1, 140
Musician	3. 3	1, 080	3. 3	1, 080	3. 3	1, 080
Clerk	4	1, 080	4	1, 080	3	1, 080

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

National Home for Disabled Volunteer Soldiers, Pacific Branch—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service—Continued.						
Salaries and wages—Continued.	*Average—*		*Average—*		*Average—*	
Salary range, $780 to $1,020; average, $900—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Company commander	5	$936	5	$936	3.2	$936
Clerk	1	936	1	936	1	936
Company commander	8	840	8	840	9	840
Clerk	1	840	1	840	1	840
Bugler	1	840	1	840	1	840
Telephone operator	3	840	3	840	3	840
Printer	1	840	1	840	1	840
Watchman	1	840	1	840		
Guard, private					1.3	840
Salary range, $600 to $780; average, $690—						
Messenger	1	744	1	744	1	744
Company sergeant	18	696	18	696	15.8	696
Fatigue sergeant	1	696	1	696	1	696
Watchman					1	696
Guard, private	3	648	3	648	3.1	648
Total average number of employees	86.5		86.5		82.5	
Total salaries and wages, field service		109,654		109,654		105,032
Deduct allowance value of subsistence, lodging, etc., furnished		33,660		33,660		32,220
01 Total personal services, cash payment		75,994		75,994		72,812
02 Stationery and office supplies		1,100.00		1,100.00		2,144.81
Communication service:						
0500 Telegraph service		175.00		175.00		183.10
0510 Telephone service		500.00		500.00		498.20
05 Total communication service		675.00		675.00		681.30
06 Travel expenses		750.00		750.00		809.69
07 Transportation of things (service)		375.00		375.00		372.07
09 Advertising and publication of notices (service)		275.00		275.00		273.47
12 Repairs and alterations		131.00		131.00		161.45
Equipment:						
3010 Furniture, furnishings, and fittings		500.00		100.00		1,525.64
3050 Other equipment		200.00		100.00		700.01
30 Total equipment		700.00		200.00		2,225.65
				79,500.00		79,480.44
Unobligated balance						519.56
Reserve				500.00		
Total		80,000.00		80,000.00		80,000.00

Subsistence [$500,000] (*U. S. C., p. 675, sec. 71; act Feb. 23, 1927, vol 44, p. 1144*)—$492,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
Salary range, $1,860 to $2,400; average, $2,100—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Cook	1	$2,160	1	$2,160	1	$2,160
Salary range, $1,500 to $1,860; average, $1,680—						
Baker					0.7	1,800
Mess steward	2	1,800	2	1,800	2	1,800
Clerk	1	1,680	1	1,680	1	1,680
Cook	2	1,560	2	1,560	2	1,560
Meat cutter	1	1,560	1	1,560	1	1,560
Salary range, $1,140 to $1,500; average, $1,320—						
Baker					0.6	1,440
Cook	2	1,440	2	1,440		
Commissary sergeant	1	1,200	1	1,200	1	1,200
Cook	3	1,200	3	1,200	3	1,200
Salary range, $900 to $1,140; average, $1,020—						
Cook	2	1,080	2	1,080	5	1,080
Cook	4	1,020	4	1,020	3	1,020
Clerk	1	1,020	1	1,020	1	1,020
Head waiter	3	1,020	3	1,020	1	1,020
Clerk	1	936	1	936	1	936
Dishwasher					1	936
Laborer	1	936	1	936		
Salary range, $780 to $1,020; average, $900—						
Dishwater					10.8	840
Laborer	19	840	19	840	9	840
Waiter	44	840	44	840	46	840
Laborer	24	780	24	780		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

National Home for Disabled Volunteer Soldiers, Pacific Branch—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated 1927	
Field service—Continued.						
Salaries and wages—Continued.	*Average—*		*Average—*		*Average—*	
Salary range, $600 to $780; average, $690—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Laborer					18.5	$744
Laborer					8	696
Laborer	1	$648	1	$648	1	648
Total average number of employees	113		113		117.6	
Total salaries and wages, field service		104,280		104,280		106,668
Deduct allowance value of subsistence and lodging furnished		40,680		40,680		42,336
01 Total personal services, cash payment		63,600		63,600		64,332
Supplies and materials:						
0260 Provisions		390,000.00		390,000.00		384,219.78
0280 Sundry supplies		8,400.00		10,400.00		5,933.24
02 Total supplies and materials		398,400.00		400,400.00		390,153.02
30 Equipment		30,000.00		35,000.00		13,581.48
				499,000.00		468,066.50
Unobligated balance						6,933.50
Reserve				1,000.00		
Total		492,000.00		500,000.00		475,000.00

Household (*U. S. C., p. 675, sec 71; act Feb. 23, 1927, vol. 44, p. 1144*)----- $145,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
Salary range, $1,860 to $2,400; average, $2,100—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Engineer					1	$2,340
Engineer	1	$1,860	1	$1,860	1	1,860
Salary range, $1,500 to $1,860; average, $1,680—						
Engineer	3	1,740	3	1,740	3	1,740
Laborer	1	1,740	1	1,740	1	1,740
Engineer	1	1,560	1	1,560		
Salary range, $1,140 to $1,500; average, $1,320—						
Laborer	2	1,440	2	1,440	1.9	1,440
Laborer	1	1,140	1	1,140	1	1,140
Fireman	3	1,140	3	1,140	3	1,140
Salary range, $780 to $1,020; average, $900—						
Fireman					1	1,020
Laborer	1	1,020	1	1,020		
Upholsterer	1	1,020	1	1,020	1	1,020
Laborer	1	936	1	936	1.1	936
Laborer	16	840	16	840	13.5	840
Janitor	1	840	1	840	1	840
Salary range, $600 to $780; average, $690—						
Laborer	9	696	9	696	9	696
Janitor	38	648	38	648	36	648
Laborer	6	648	6	648	6	648
Total average number of employees	85		85		80.5	
Total salaries and wages, field service		69,852.00		69,852.00		67,186.00
Deduct allowance value of subsistence, lodging, etc., furnished		30,600.00		30,600.00		28,980.00
01 Total personal services, cash payment		39,252.00		39,252.00		38,206.00
Supplies and materials:						
0230 Fuel		59,000.00		59,000.00		56,475.05
0280 Sundry supplies		7,000.00		7,000.00		4,616.87
0200 Cleaning supplies		16,248.00		16,248.00		12,729.81
02 Total supplies and materials		82,248.00		82,248.00		73,821.73
03 Laundry (service)						4,599.38
10 Furnishing heat, light, power, water, and electricity		14,000.00		14,000.00		13,782.33
Equipment:						
3010 Furniture, furnishings, and fittings		9,000.00		8,500.00		7,205.50
3050 Other equipment		500.00		500.00		501.24
30 Total equipment		9,500.00		9,000.00		7,706.74
				144,500.00		138,116.18
Unobligated balance						6,883.82
Reserve				500.00		
Total		145,000.00		145,000.00		145,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
National Home for Disabled Volunteer Soldiers, Pacific Branch—Continued. Hospital [$370, 000] (*U. S. C., p. 675, sec. 71; act Feb. 23, 1927, vol. 44, p. 1144*)	$392, 000. 00	

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $3,800 to $5,000; average, $4,400—						
Chief, tuberculosis service	1	$4, 728	1	$4, 728	1	$4, 728.
Salary range, $3,300 to $3,900; average, $3,600—						
First assistant surgeon	2	3, 720	2	3, 720	2	3, 720
Assistant surgeon	6	3, 460	6	3, 460	6	3, 460
Salary range, $2,700 to $3,300; average, $3,000—						
Assistant surgeon	6	3, 240	6	3, 240	5	3, 240
Assistant surgeon	6	3, 120	6	3, 120	4. 1	3, 120
Salary range, $1,860 to $2,400; average, $2,130—						
Clerk	1	2, 160	1	2, 160	1	2, 160
Chief nurse	1	2, 160	1	2, 160	1	2, 160
Cook	1	2, 160	1	2, 160	----	----
Cook	1	2, 040	1	2, 040	2	2, 040
Druggist	1	2, 040	1	2, 040	1	2, 040
Aid, occupational therapy, chief	1	1, 920	1	1, 920	1	1, 920
Aid, physiotherapy, chief	1	1, 920	1	1, 920	1	1, 920
Salary range, $1,500 to $1,860; average, $1,680—						
Dietitian	1	1, 800	1	1, 800	1	1, 800
Technician	1	1, 800	1	1, 800	1	1, 800
Assistant chief nurse	1	1, 800	1	1, 800	1	1, 800
Aid, physiotherapy and occupational therapy	3	1, 680	3	1, 680	3	1, 680
Aid, physiotherapy and occupational therapy	5	1, 584	5	1, 584	4. 3	1, 584
Clerk	1	1, 560	1	1, 560	1	1, 560
Cook	2	1, 560	2	1, 560	1	1, 560
Nurse	1	1, 560	1	1, 560	1	1, 560
Dietitian	1	1, 550	1	1, 560	1	1, 560
Technician	3	1, 560	3	1, 560	3	1, 560
Salary range, $1,140 to $1,500; average, $1,320—						
Aid, occupational therapy and physiotherapy	3	1, 488	3	1, 488	3	1, 488
Cook	2	1, 440	2	1, 440	3	1, 440
Nurse	6	1, 440	6	1, 440	6	1, 440
Clerk	1	1, 440	1	1, 440	----	----
Clerk	6	1, 320	6	1, 320	6	1, 320
Hospital steward	1	1, 320	1	1, 320	1	1, 320
Druggist	1	1, 320	1	1, 320	1	1, 320
Matron	1	1, 320	1	1, 320	1	1, 320
Technician	2	1, 320	2	1, 320	2	1, 320
Nurse, trained	64	1, 320	64	1, 320	52. 5	1, 320
Cook	1	1, 320	1	1, 320	----	----
Hospital steward	1	1, 200	1	1, 200	1	1, 200
Cook	4	1, 200	4	1, 200	6	1, 200
Technician	1	1, 200	1	1, 200	1	1, 200
Cook	1	1, 140	1	1, 140	0. 8	1, 140
Physiotherapy attendant	1	1, 140	1	1, 140	1	1, 140
Salary range, $900 to $1,140; average, $1,020—						
Hospital steward	4	1, 080	4	1, 080	4	1, 080
Ward attendant	8	1, 080	8	1, 080	8	1, 080
Driver	3	1, 020	3	1, 020	3	1, 020
Ward attendant	33	1, 020	33	1, 020	27. 3	1, 020
Laborer	2	1, 020	2	1, 020	----	----
Cook	1	1, 020	1	1, 020	----	----
Cook	4	936	4	936	2	936
Head waiter	2	936	2	936	2	936
Laborer	6	936	6	936	5	936
Ward attendant	61	936	61	936	50. 3	936
Salary range, $780 to $1,020; average, $900—						
Consultant	6	840	6	840	6	840
Cook	1	840	1	840	3	840
Laborer	45	840	45	840	45	840
Seamstress	1	840	1	840	----	----
Waiter	30	840	30	840	27. 2	840
Ward attendant	25	840	25	840	26. 2	840
Undertaker	1	840	1	840	1	840
Laborer	5	804	5	804	7	804
Laborer	17	780	17	780	----	----
Salary range, $600 to $780; average, $690—						
Laborer	8	744	8	744	15. 1	744
Laborer	1	696	1	696	4	696
Funeral escort, sergeant	1	696	1	696	1	696
Funeral escort, private	6	648	6	648	8	648
Laborer	26	648	26	648	26	648
Reader	1	648	1	648	1	648
Total average number of employees	441		441		399. 8	
Total salaries and wages, field service		502, 188		502, 188		450, 716
Deduct allowance value of subsistence, lodging, etc., furnished		166, 320		166, 320		150, 444
01 Total personal services, cash payment		335, 868		335, 868		300, 272
Supplies and materials:						
0210 Medical and hospital supplies		35, 000. 00		25, 000. 00		31, 556. 97
0220 Scientific and educational supplies		800. 00		500. 00		804. 69
0280 Sundry supplies		1, 000. 00		500. 00		1, 200. 99
02 Total supplies and materials		36, 800. 00		26, 000. 00		33, 562. 65
03 Subsistence and support of persons (service), care of insane at State asylum		2, 737. 00		2, 737. 00		3, 438. 00
07 Transportation of things (service)		450. 00		450. 00		453. 43
12 Repairs and alterations		400. 00		400. 00		370. 83
22 Burial expenses (embalming)		2, 000. 00		2, 000. 00		1, 988. 00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

National Home for Disabled Volunteer Soldiers, Pacific Branch—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Equipment:			
3010 Furniture, furnishings, and fittings	$1,500.00	$500.00	$2,112.17
3020 Educational, scientific, and recreational equipment	12,000.00	700.00	12,848.46
3050 Other equipment	245.00	345.00	386.41
30 Total equipment	13,745.00	1,545.00	15,347.04
Unobligated		369,000.00	355,431.95
Unobligated			1,568.05
Reserve		1,000.00	
Total	392,000.00	370,000.00	357,000.00

Transportation (*U. S. C., p. 675, sec. 71; act Feb. 23, 1927, vol. 44, p. 1144*)—$1,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Field service:			
06 Travel expenses	$1,000.00	$800.00	$508.49
Unobligated balance			491.51
Reserve		200.00	
Total	1,000.00	1,000.00	1,000.00

Repairs [$65,000] (*same acts*)—70,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $2,400 to $3,000; average, $2,700—						
Chief engineer	1	$2,760	1	$2,760	0.9	$2,760
Salary range, $1,500 to $1,860; average, $1,680—						
Carpenter	1	1,740	1	1,740	1	1,740
Electrician	1	1,740	1	1,740	1	1,740
Machinist	1	1,740	1	1,740	1	1,740
Painter	1	1,740	1	1,740	1	1,740
Plumber	2	1,740	2	1,740	2	1,740
Steam fitter	1	1,740	1	1,740	1	1,740
Tinner	1	1,740	1	1,740	1	1,740
Carpenter	2	1,620	2	1,620	2	1,620
Electrician	1	1,620	1	1,620	1	1,620
Painter	4	1,620	4	1,620	3.7	1,620
Steam fitter	2	1,620	2	1,620	2	1,620
Salary range, $1,140 to $1,500; average, $1,320—						
Laborer	1	1,380	1	1,380	1	1,380
Mason	1	1,260	1	1,260	1	1,260
Laborer	2	1,200	2	1,200	1.9	1,200
Salary range, $900 to $1,140; average, $1,020—						
Laborer	8	1,080	8	1,080	7.6	1,080
Painter	2	1,080	2	1,080	1	1,080
Carpenter	1	936	1	936	1	936
Laborer	1	936	1	936	1	936
Salary range, $780 to $1,020; average, $900—						
Blacksmith	1	840	1	840	1	840
Laborer	6	840	6	840	3.8	840
Machinist	1	840	1	840	1	840
Painter	2	840	2	840	2	840
Salary range, $600 to $780; average, $690—						
Painter					1	744
Laborer	1	648	1	648	1	648
Total average number of employees	45		45		41.9	
Total salaries and wages, field service		58,020.00		58,020.00		54,522.00
Deduct allowance value of subsistence, lodging, etc., furnished		16,200.00		16,200.00		15,084.00
01 Total personal services, cash payment		41,820.00		41,820.00		39,438.00
Deduct expenditures for personal services included in objects named below		41,820.00		41,820.00		39,438.00
02 Supplies and materials		29,400.00		24,500.00		30,019.05
12 Repairs and alterations		40,600.00		40,000.00		40,594.97
				64,500.00		[1] 70,614.02
Unobligated balance						300.58
Reserve				500.00		
Total		70,000.00		65,000.00		70,914.60

[1] Increase of expenditure over appropriation due to deficiency.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object			Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
National Home for Disabled Volunteer Soldiers, Pacific Branch—Continued. Farm (*U. S. C., p. 675, sec. 71; act Feb. 23, 1927, vol. 44, p. 1144*)		$30,000.00		

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $1,680 to $2,040; average, $1,860—						
Chief gardener	1	$2,040	1	$2,040	0.9	$2,040
Salary range, $1,140 to $1,500; average, $1,320—						
Laborer	2	1,320	2	1,320	2	1,320
Superintendent of cemetery	1	1,200	1	1,200	1	1,200
Laborer	1	1,140	1	1,140	1	1,140
Salary range, $900 to $1,140; average, $1,020—						
Laborer	4	1,080	4	1,080	3.8	1,080
Truck driver	3	1,020	3	1,020	2	1,020
Laborer	1	1,020	1	1,020	0.9	1,020
Salary range, $780 to $1,020; average, $900—						
Laborer	33	840	33	840	30	840
Salary range, $600 to $780; average, $690—						
Laborer	1	648	1	648	0.7	648
Total average number of employees	47		47		42.3	
Total salaries and wages, field service		43,788		43,788		39,531
Deduct allowance value of subsistence, lodging, etc., furnished		16,920		16,920		15,228
01 Total personal services, cash payment		26,868		26,868		24,303
Supplies and materials:						
0230 Gasoline for motor trucks		1,500.00		1,500.00		1,921.89
0250 Forage and supplies for animals		400.00		200.00		1,199.48
0280 Sundry supplies		182.00		182.00		192.12
02 Total for supplies and materials		2,082.00		1,882.00		3,313.49
04 Horseshoeing and veterinary services		550.00		550.00		549.05
07 Transportation of things						406.99
30 Equipment		500.00		500.00		1,626.10
				29,800.00		30,198.63
Unobligated						1.37
Reserve				200.00		
Total		30,000.00		30,000.00		30,200.00

In all, Pacific Branch	$1,210,000.00	$1,191,000.00
National Home for Disabled Volunteer Soldiers, Marion Branch— Marion Branch, Marion, Indiana: Current expenses (*U. S. C., p. 675, sec. 71; act Feb. 23, 1927, vol. 44, p. 1144*)	57,000.00	

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $3,000 to $3,600; average, $3,300—						
Treasurer	1	$3,460	1	$3,460	1	$3,460
Quartermaster	1	3,360	1	3,360	1	3,360
Adjutant and inspector, executive officer	1	3,360	1	3,360	1	3,360
Commissary of subsistence	1	3,120	1	3,120	1	3,120
Salary range, $2,100 to $2,700; average, $2,400—						
Chaplain	1	2,460	1	2,460	1	2,460
Chief clerk	3	2,240	3	2,240	3	2,240
Salary range, $1,860 to $2,400; average, $2,100—						
Musician (band leader)	1	2,040	1	2,040	1	2,040
Clerk	2	1,860	2	1,860	2	1,860
Salary range, $1,320 to $1,680; average, $1,500—						
Chaplain	1	1,560	1	1,560	1	1,560
Clerk	7	1,470	7	1,470	6.7	1,470
Storekeeper	1	1,440	1	1,440	1	1,440
Guard sergeant	2	1,380	2	1,380	2	1,380
Printer	1	1,320	1	1,320	1	1,320
Salary range, $1,020 to $1,200; average, $1,140—						
Guard, private	7	1,200	7	1,200	6.8	1,200
Clerk	1	1,200	1	1,200	1	1,200
Musician	4	1,200	4	1,200	3.6	1,200
Musician	3.4	1,140	3.4	1,140	3.6	1,140
Musician	2.1	1,080	2.1	1,080	2.1	1,080
Salary range, $780 to $1,020; average, $900—						
Telephone operator	3	936	3	936	3	936
Watchman	1	840	1	840	1	840
Temporary employee (no allowances)—						
Printer, $6.50 per day					1	46
Total average number of employees	44.5		44.5		44.8	
Total salaries and wages, field service		69,773.00		69,773.00		68,953.25
Deduct allowance value of quarters, subsistence, etc., furnished		17,820.00		17,820.00		17,610.00
01 Total personal services, cash payment		51,953.00		51,953.00		51,343.25
02 Stationery and office supplies		1,460.00		1,460.00		1,210.12

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Notional Home for Disabled Volunteer Soldiers, Marion Branch—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Communication service:			
0500 Telegraph service	$37.00	$37.00	$26.47
0510 Telephone service	1,800.00	1,700.00	1,754.25
05 Total communication service	1,837.00	1,737.00	1,780.72
Travel expenses:			
0615 Transportation	100.00	100.00	159.06
0616 Subsistence	20.00	20.00	
06 Total travel expenses	120.00	120.00	159.06
07 Transportation of things (service)	30.00	30.00	6.08
08 Printing and binding	60.00	60.00	72.08
09 Advertising and publication of notices (services)	350.00	250.00	349.80
13 Special and miscellaneous current expenses	150.00	150.00	132.72
Equipment:			
3010 Furniture, furnishings, and fixtures	540.00	240.00	282.69
3050 Other equipment	500.00	500.00	510.84
30 Total equipment	1,040.00	740.00	793.53
		56,500.00	55,847.36
Unobligated balance			1,152.64
Reserve		500.00	
Total	57,000.00	57,000.00	57,000.00

Subsistence [$265,000] (*U. S. C., p. 675, sec. 71; act Feb. 23, 1927, vol. 44, p. 1144*) $260,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Ssalary*	*No.*	*Salary*
Salary range, $1,680 to $2,040; average, $1,860—						
Cook	1	$1,800	1	$1,800	1	$1,800
Salary range, $1,320 to $1,680; average, $1,500—						
Cook	1	1,680	1	1,680	1	1,680
Cook	1	1,560	1	1,560	1	1,560
Baker	1	1,560	1	1,560	1	1,560
Clerk	1	1,560	1	1,560	1	1,560
Cook	1	1,440	1	1,440	1	1,440
Cook	2	1,320	2	1,320	1.9	1,320
Meat cutter	1	1,320	1	1,320	0.9	1,320
Salary range, $1,020 to $1,260; average, $1,140—						
Baker	1	1,200	1	1,200		
Clerk	3	1,200	3	1,200	3	1,200
Cook	8	1,200	8	1,200	5.7	1,200
Baker					1	1,080
Cook	1	1,080	1	1,080	2.4	1,080
Head waiter	1	1,080	1	1,080	1	1,080
Salary range, $780 to $1,020; average, $900—						
Cook	1	936	1	936	1	936
Laborer	43	936	43	936	38.8	936
Waiter	26	936	26	936	22.8	936
Waiter	6	840	6	840	9	840
Laborer					4.8	840
Total average number of employees	99		99		98.3	
Total salaries and wages, field service		100,680.00		100,680.00		98,612.58
Deduct allowance value of quarters, subsistence, etc., furnished		35,640.00		35,640.00		35,400.00
01 Total personal services, cash payment		65,040.00		65,040.00		63,212.58
Supplies and materials:						
0260 Provisions		192,560.00		194,760.00		192,409.73
0280 Sundry supplies		800.00		860.00		777.96
02 Total supplies and materials		193,360.00		195,620.00		193,187.69
06 Travel expenses		5.00		5.00		
07 Transportation of things (service)		50.00		50.00		47.79
Equipment:						
3010 Furniture, furnishings, and fixtures		345.00		1,345.00		1,352.47
3050 Other equipment		1,200.00		1,940.00		1,488.50
30 Total equipment		1,545.00		3,285.00		2,840.97
				264,000.00		259,289.03
Unobligated balance						10,710.97
Reserve				1,000.00		
Total		260,000.00		265,000.00		270,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
National Home for Disabled Volunteer Soldiers, Marion Branch—Continued.		
Household [$102,000] (*U. S. C., p. 675, sec. 71; act. Feb. 23, 1927, vol. 44, p. 1144*)	$105,000.00	

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
Salary range, $1,680 to $2,040; average, $1,860—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Engineer	4	$1,770	4	$1,770	4	$1,770
Laundry foreman	1	1,740	1	1,740	1	1,740
Laborer	1	1,680	1	1,680	1	1,680
Salary range, $1,020 to $1,260; average, $1,140—						
Laborer	3	1,200	3	1,200	3	1,200
Laborer	10	1,080	10	1,080	10	1,080
Fireman	3	1,080	3	1,080	3	1,080
Salary range, $780 to $1,020; average, $900—						
Upholsterer	1	936	1	936	1	936
Laborer	2	936	2	936	2	936
Janitor	1	936	1	936	1	936
Laborer	7	840	7	840	5.6	840
Janitor	6	840	6	840	6	840
Total average number of employees	39		39		37.6	
Total salaries and wages, field service		42,804.00		42,804.00		41,639.87
Deduct allowance value of quarters, subsistence, etc., furnished		14,040.00		14,040.00		13,560.00
01 Total personal services, cash payment		28,764.00		28,764.00		28,079.87
Supplies and materials:						
0230 Fuel		56,200.00		53,300.00		53,780.75
0280 Sundry supplies		8,750.00		8,450.00		8,949.09
02 Total supplies and materials		64,950.00		61,750.00		62,729.84
07 Transportation of things (service)		46.00		46.00		42.62
10 Furnishing heat, light, power, water, and electricity (service)		270.00		270.00		243.32
Equipment:						
3010 Furniture, furnishings, and fixtures		8,600.00		8,540.00		8,711.32
3050 Other equipment		2,370.00		2,130.00		2,173.63
30 Total equipment		10,970.00		10,670.00		10,883.95
				101,500.00		101,980.60
Unobligated balance						10,019.40
Reserve				500.00		
Total		105,000.00		102,000.00		112,000.00

Hospital (*same acts*)	306,000.00	

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
Salary range, $6,000 to $7,500; average, $6,750—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Medical director and superintendent	1	$6,720	1	$6,720	1	$6,720
Salary range, $5,200 to $6,000; average, $5,600—						
Assistant medical director	1	5,220	1	5,220	1	5,220
Salary range, $3,800 to $5,000; average, $4,400—						
Assistant surgeon	5	4,740	5	4,740	5	4,740
Salary range, $3,300 to $3,900; average, $3,600—						
Assistant surgeon	6	3,720	6	3,720	5.5	3,720
Assistant surgeon	1	3,460	1	3,460	1	3,460
Salary range, $2,700 to $3,300; average, $3,000—						
Assistant surgeon	1	3,240	1	3,240	1	3,240
Assistant surgeon	2	3,120	2	3,120	2.4	3,120
Superintendent of nurses	1	2,760	1	2,760	1	2,760
Director of athletics	1	2,760	1	2,760	1	2,760
Bacteriologist	1	2,700	1	2,700	1	2,700
Salary range, $1,860 to $2,400; average, $2,100—						
Assistant superintendent of nurses	1	2,160	1	2,160	1	2,160
Chief aid	1	1,884	1	1,884	1	1,884
Dietitian	1	1,860	1	1,860	0.7	1,860
Salary range, $1,500 to $1,860; average, $1,680—						
Aids, occupational therapy	1	1,800	1	1,800	1	1,800
Laboratory technician	1	1,800	1	1,800	1	1,800
Steward	1	1,800	1	1,800	1	1,800
Druggist	1	1,740	1	1,740	1	1,740
Aid, occupational therapy	1	1,680	1	1,680		
Nurse, supervising	6	1,680	6	1,680	5.9	1,680
Aid, occupational therapy	3	1,584	3	1,584	1.2	1,584
Hydrotherapist	6	1,560	6	1,560	3	1,560
Assistant steward	2	1,560	2	1,560	1	1,560

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

National Home for Disabled Volunteer Soldiers, Marion Branch—Continued.

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Field service—Continued.						
	Salaries and wages—Continued.	*Average—*		*Average—*		*Average—*	
	Salary range, $1,140 to $1,500; average, $1,320—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Aid, occupational therapy	4	$1,488	4	$1,488	4.9	$1,488
	Director of employment	1	1,440	1	1,440	1	1,440
	Attendant	17	1,440	17	1,440	14.2	1,440
	Hydrotherapist					1.9	1,440
	Nurse	41	1,440	41	1,440	35.1	1,440
	Clerk and stenographer	9	1,380	9	1,380	9	1,380
	Aid, occupational therapy					0.9	1,380
	Attendant					2.1	1,320
	Aid, occupational therapy					0.6	1,260
	Barber	2	1,200	2	1,200	2	1,200
	Matron	1	1,200	1	1,200	0.9	1,200
	Attendant	91	1,200	91	1,200	88.7	1,200
	Salary range, $900 to $1,140; average, $1,020—						
	Attendant	27	1,080	27	1,080	26	1,080
	Driver	1	1,080	1	1,080	1	1,080
	Attendant	21	936	21	936	20.6	936
	Laborer	1	936	1	936	1	936
	Salary range, $780 to $1,020; average, $900—						
	Attendant	2	840	2	840	2	840
	Laborer	6	840	6	840	5.8	840
	Consultant, paid at rate of $10 per day, four days per month (no allowance)	2	480	2	480	0.8	480
	Total average number of employees	271		271		256.2	
	Total salaries and wages, field service		395,440.00		395,440.00		375,280.27
	Deduct allowance value of quarters, subsistence, etc., furnished		103,680.00		103,680.00		98,340.00
01	Total personal services, cash payment		291,760.00		291,760.00		276,940.27
	Supplies and materials:						
0210	Medical and hospital supplies		7,600.00		7,100.00		8,231.13
0220	Scientific and educational supplies		240.00		240.00		346.10
0280	Sundry supplies		300.00		300.00		381.62
02	Total supplies and materials		8,140.00		7,640.00		8,958.85
07	Transportation of things (service)		50.00		50.00		33.47
	Equipment:						
3000	Passenger-carrying vehicles		150.00		150.00		153.98
3010	Furniture, furnishings, and fixtures		1,800.00		1,800.00		2,453.39
3020	Educational, scientific, and recreational equipment		4,000.00		3,500.00		5,241.03
3050	Other equipment		100.00		100.00		14.40
30	Total equipment		6,050.00		5,550.00		7,862.80
					305,000.00		293,795.39
	Unobligated balance						12,204.61
	Reserve				1,000.00		
	Total		306,000.00		306,000.00		306,000.00

Transportation (*U. S. C., p. 675, sec. 71; act Feb. 23, 1927, vol. 44, p. 1144*) $1,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
06	Travel expenses	$1,000.00	$800.00	$527.81
	Unobligated balance			472.19
	Reserve		200.00	
	Total	1,000.00	1,000.00	1,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

National Home for Disabled Volunteer Soldiers, Marion Branch—Continued.

Repairs (*U. S. C., p. 675, sec. 71; act Feb. 23, 1927, vol. 44, p. 1144*)..... $55,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $2,400 to $3,000; average, $2,700—						
Chief engineer	1	$2,760	1	$2,760	1	$2,760
Salary range, $1,680 to $2,040; average, $1,860—						
Carpenter	1	1,740	1	1,740	1	1,740
Plumber	1	1,740	1	1,740	1	1,740
Painter	1	1,740	1	1,740	1	1,740
Electrical worker	1	1,740	1	1,740	1	1,740
Salary range, $1,320 to $1,680; average, $1,500—						
Carpenter	3.7	1,620	3.7	1,620	3.3	1,620
Plumber	2	1,620	2	1,620	3	1,620
Painter	3	1,620	3	1,620	3.5	1,620
Tinsmith	1	1,620	1	1,620	1	1,620
Machinist	1	1,620	1	1,620		
Steam fitter					0.1	1,620
Laborer	1	1,320	1	1,320	1	1,320
Salary range, $780 to $1,020; average, $900—						
Laborer	5	936	5	936	5.1	936
Temporary employees (no allowance)—						
Brick mason, $12 per day					2	77
Plumber, $7 per day					2	982
Laborer, $2.50 per day					6	75
Total average number of employees	21.7		21.7		32	
Total salaries and wages, field service		33,000.00		33,000.00		34,299.61
Deduct allowance value of quarters, subsistence, etc., furnished		7,800.00		7,800.00		7,860.00
01 Total personal services, cash payment		25,200.00		25,200.00		26,439.61
Deduct expenditures for personal services included in objects named below		25,200.00		25,200.00		26,439.61
02 Supplies and materials		18,000.00		18,000.00		16,018.85
07 Transportation of things (service)		125.00		125.00		13.40
12 Repairs and alterations		36,875.00		36,375.00		33,683.91
				54,800.00		49,716.16
Unobligated balance						283.84
Reserve				500.00		
Total		55,000.00		55,000.00		50,000.00

Farm (*same acts*)..... 20,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $1,320 to $1,680; average, $1,500—						
Chief gardener	1	$1,560	1	$1,560	1	$1,560
Farmer	1	1,560	1	1,560	1	1,560
Salary range, $900 to $1,140; average, $1,020—						
Laborer	2	1,140	2	1,140	1.9	1,140
Laborer	1	1,080	1	1,080	1	1,080
Truck driver	2	1,080	2	1,080	2	1,080
Laborer	10	936	10	936	9.7	936
Temporary employee (no allowances)—						
Veterinarian	1	120	1	120	1	114
Team and teamster, $5 per day	4	60	4	60	2	73
Laborer, $3 per day	5	45	5	45	11	799
Total average number of employees	27		27		30.6	
Total salaries and wages, field service		18,225.00		18,255.00		18,670.77
Deduct allowance value of quarters, subsistence, etc., furnished		6,120.00		6,120.00		6,000.00
01 Total personal services, cash payment		12,105.00		12,105.00		12,670.77
02 Supplies and materials		6,600.00		6,100.00		5,728.23
07 Transportation of thing (service)		95.00		95.00		11.41
Equipment (includes livestock):						
3040 Livestock (other than that purchased for slaughter, 0261, and zoological garden, 3021)		350.00		350.00		97.60
3050 Other equipment		850.00		850.00		814.61
30 Total equipment		1,200.00		1,200.00		912.21
				19,500.00		91,322.62
Unobligated balance						677.38
Reserve				500.00		
Total		20,000.00		20,000.00		20,000.00

In all, Marion Branch..... $804,000.00 $806,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
National Home for Disabled Volunteer Soldiers, Danville Branch—		
Danville Branch, Danville, Illinois: Current expenses (*U. S. C., p. 675, sec. 71; act Feb. 23, 1927, vol. 44, p. 1144*)	$67,500.00	

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $3,800 to $5,000; average, $4,400—						
Governor	1	$4,320	1	$4,320	1	$4,320
Salary range, $3,300 to $3,900; average, $3,600—						
Surgeon	1	3,720	1	3,720	1	3,720
Treasurer	1	3,460	1	3,460	1	3,460
Salary range, $3,000 to $3,600; average, $3,300—						
Quartermaster	1	3,360	1	3,360	1	3,360
Salary range, $2,700 to $3,300; average, $3,000—						
Commissary of subsistence	1	3,120	1	3,120	1	3,120
Adjutant and inspector	1	3,120	1	3,120	1	3,120
Salary range, $2,100 to $2,700; average, $2,400—						
Chaplain	2	2,460	2	2,460	2	2,450
Salary range, $1,860 to $2,400; average, $2,100—						
Chief clerk, treasurer	1	2,280	1	2,280	1	2,280
Chief clerk, governor	1	2,160	1	2,160	1	2,046
Chief clerk, quartermaster	1	2,160	1	2,160	1	2,160
Musician (bandmaster)	0.1	2,040	1	2,040	1	2,040
Clerk, treasurer					0.8	1,920
Salary range, $1,500 to $1,860; average, $1,680—						
Clerk, treasurer	1	1,800	1	1,800	0.2	1,800
Clerk, quartermaster	1	1,680	1	1,680	1	1,680
Clerk, treasurer	1	1,680	1	1,680	1	1,624
Salary range, $1,320 to $1,680; average, $1,500—						
Clerk, adjutant					0.6	1,560
Clerk, quartermaster	1	1,560	1	1,560	1	1,560
Clerk, treasurer	1	1,560	1	1,560	1	1,560
Salary range, $1,140 to $1,500; average, $1,320—						
Clerk, treasurer	1	1,440	1	1,440	0.2	1,440
Clerk, adjutant	1	1,320	1	1,320	1	1,280
Clerk, quartermaster	1	1,320	1	1,320	1	1,320
Clerk, treasurer					0.8	1,320
Musician	4	1,200	4	1,200	4	1,198
Printer	1	1,200	1	1,200	1	1,200
Salary range, $900 to $1,140; average, $1,020—						
Quartermaster sergeant	1	960	1	960	1	960
Salary range, $780 to $1,020; average, $900—						
Sergeant major	1	840	1	840	1	840
Matron	1	936	1	936	1	866
Salary range, $600 to $780; average, $690—						
Musician	3	697	3	697	3	758
Musician	6	660	6	660	6	617
Clerk, adjutant	1	720	1	720	0.4	720
Clerk, quartermaster	1	660	1	660	1	660
Salary range, $420 to $600; average, $510—						
Company commander	2	576	2	576	1.3	576
Messenger	1	576	1	576	1	480
Company commander	10	480	10	480	10.7	480
Guard, sergeant	1	480	1	480	1	480
Clerk, adjutant	2	480	2	480	1	480
Telephone operator	3	480	3	480	3	480
Salary range, $240 to $420; average, $330—						
Bugler	1	384	1	384	1	384
Watchman	1	384	1	384	1	384
Company sergeant	12	336	12	336	11.9	336
Guard, sergeant	1	336	1	336	1	336
Guard, private	6	288	6	288	5	288
Janitor	1	288	1	288	1	288
Total average number of employees	80		80		78	
Total salaries and wages, field service		79,746.00		79,746.00		78,839.04
Deduct allowances, value of subsistence, lodging, etc., furnished		14,220.00		14,220.00		14,295.00
01 Total personal services, cash payment		65,526.00		65,526.00		64,544.04
02 Stationery and office supplies		650.00		500.00		854.02
Communication services:						
0500 Telegraph service		50.00		50.00		52.64
0510 Telephone service		274.00		274.00		259.95
05 Total communication service		324.00		324.00		312.59
06 Travel expenses		250.00		200.00		429.64
07 Transportation of things (service)		150.00		100.00		282.23
09 Advertising and publication of notices (service)		130.00		130.00		132.31
12 Repairs and alterations		50.00		50.00		98.41
13 Miscellaneous services		100.00		50.00		461.91
Equipment:						
3010 Furniture, furnishings, and fixtures		50.00		35.00		96.70
3020 Educational, scientific, and recreational equipment		10.00		10.00		14.20
3050 Other equipment		260.00		75.00		533.71
30 Total equipment		320.00		120.00		644.61
				67,000.00		67,759.76
Reserve				500.00		
Total		67,500.00		67,500.00		67,759.75

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
National Home for Disabled Volunteer Soldiers, Danville Branch—Continued. Subsistence [$235,000] (*U. S. C., p. 675, sec. 71; act Feb. 23, 1927, vol. 44, p. 1144*)	$225,000.00	

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field Service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
Salary range, $1,500 to $1,860; average, $1,680—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Cook	1	$1,680	1	$1,680	1	$1,680
Salary range, $1,320 to $1,680; average, $1,500—						
Baker	1	1,560	1	1,560	1	1,560
Clerk	1	1,440	1	1,440	1	1,440
Salary range, $900 to $1,140; average, $1,020—						
Cook	1	1,080	1	1,080	1	1,044
Cook	1	1,020	1	1,020	1	1,012
Head waiter	1	1,020	1	1,020	1	1,020
Salary range, $780 to $1,020; average, $900—						
Head waiter	1	936	1	936	1	907
Laborer					1	921
Cook	1	900	1	900	1	900
Laborer	1	840	1	840	1	835
Waiter	32	840	32	840	29.5	840
Salary range, $600 to $780; average, $690—						
Baker	1	720	1	720	1	720
Cook	1	720	1	720	1	720
Meat cutter	1	720	1	720	1	720
Commissary sergeant	1	660	1	660	1	660
Salary range, $420 to $600; average, $510—						
Clerk	1	576	1	576	1	576
Cook	4	576	4	576	4	576
Laborer	5	576	5	576	1.4	576
Laborer	1	480	1	480	1	480
Salary range, $240 to $420; average, $330—						
Laborer	21	384	21	384	20.9	384
Laborer	15	288	15	288	14.4	288
Total average number of employees	92		92		86	
Total salaries and wages, field service		58,800.00		58,800.00		55,274.83
Deduct allowance value of subsistence, lodging, etc., furnished		14,400.00		14,400.00		13,795.00
01 Total personal services, cash payment		44,400.00		44,400.00		41,478.83
Supplies and materials:						
0200 Cleaning and toilet supplies		200.00		250.00		200.81
0240 Wearing apparel		100.00		150.00		66.90
0260 Provisions		177,600.00		184,500.00		173,439.44
0280 Sundry supplies		1,000.00		1,500.00		823.35
02 Total supplies and materials		178,900.00		186,400.00		174,530.50
Equipment:						
3010 Furniture, furnishings, and fixtures		1,650.00		3,100.00		1,872.40
3050 Other equipment		50.00		100.00		3.00
30 Total equipment		1,700.00		3,200.00		1,875.40
				234,000.00		217,884.73
Unobligated balance						115.27
Reserve				1,000.00		
Total		225,000.00		235,000.00		218,000.00

Household [$118,000] (*same acts*) 124,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
Salary range, $1,680 to $2,040; average, $1,860—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Engineer	1	$1,860	1	$1,860	1	$1,860
Engineer	1	1,740	1	1,740	1	1,740
Salary range, $1,140 to $1,500; average, $1,320—						
Fireman	4	1,380	4	1,380	4	1,380
Salary range, $1,020 to $1,260; average, $1,140—						
Fireman	3	1,140	3	1,140	3	1,123
Laborer	1	1,080	1	1,080	1	996
Salary range, $780 to $1,020; average, $900—						
Laborer	4	840	4	840	4	838
Laundry foreman	2	840	2	840	2	840
Upholsterer	1	840	1	840	1	840
Salary range, $600 to $780; average, $690—						
Fireman	1	780	1	780	1	780
Seamstress	2	744	2	744	2	742
Janitor	1	648	1	648	1	635
Salary range, $420 to $600; average, $510—						
Laborer	1	576	1	576	1	576
Laborer	11	480	11	480	11.9	480

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

National Home for Disabled Volunteer Soldiers, Danville Branch—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Field service—Continued.			
Salaries and wages—Continued.			
Salary range, $240 to $420; average, $330—	*Average—*	*Average—*	*Average—*
	No. *Salary*	*No.* *Salary*	*No.* *Salary*
Laborer	1 $384	1 $384	1 $382
Laborer	7 336	7 336	7 334
Laborer	2 288	2 288	2 285
Janitor	26 288	26 288	25.5 288
Total average number of employees	69	69	69
Total salaries and wages, field service	39,072.00	39,072.00	39,198.24
Deduct allowance value of subsistence, lodging, etc., furnished	6,120.00	6,120.00	6,091.00
01 Total personal services, cash payment	32,952.00	32,952.00	33,107.24
Supplies and materials:			
0200 Cleaning and toilet supplies	6,550.00	6,200.00	5,319.48
0230 Fuel	52,000.00	49,500.00	50,155.34
0240 Wearing apparel and sewing supplies	500.00	500.00	423.21
0280 Sundry supplies	1,000.00	800.00	954.10
0290 Materials	300.00	250.00	388.63
02 Total supplies and materials	60,350.00	57,250.00	57,240.76
10 Furnishing of heat, light, power, water, and electricity (service)	27,000.00	26,000.00	26,987.03
Equipment:			
3010 Furniture, furnishings, and fixtures	3,500.00	1,100.00	2,254.00
3050 Other equipment	198.00	198.00	160.09
30 Total equipment	3,698.00	1,298.00	2,414.09
		117,500.00	[1] 119,749.12
Unobligated balance			276.08
Reserve		500.00	
Total	124,000.00	118,000.00	120,025.20

[1] Excess of expenditure over appropriation due to deficiency.

Hospital [$108,000] (*U. S. C., p. 675, sec. 71; act Feb. 23, 1927, vol. 44, p. 1144*) $112,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Field service:			
Salary and wages—	*Average—*	*Average—*	*Average—*
Salary range, $3,000 to $3,600; average, $3,300—	*No.* *Salary*	*No.* *Salary*	*No.* *Salary*
First assistant surgeon	1 $3,460	1 $3,460	1 $3,290
Assistant surgeon	4 3,240	4 3,240	3 3,212
Assistant surgeon	2 3,120	2 3,120	2 3,081
Salary range, $1,500 to $1,860; average, $1,680—			
Chief nurse	1 1,680	1 1,680	1 1,666
Cook	1 1,560	1 1,560	1 1,556
Druggist	1 1,560	1 1,560	1 1,560
Laboratory technician	1 1,560	1 1,560	1 1,560
Salary range, $1,140 to $1,500; average, $1,320—			
Clerk	1 1,440	1 1,440	1 1,436
Nurse, trained	1 1,440	1 1,440	1 1,436
Dental technician	1 1,320	1 1,320	1 1,280
Nurses, trained	18 1,320	18 1,320	18 1,308
Aid, physiotherapy, trained	1 1,320	1 1,320	1 828
X-ray technician	1 1,320	1 1,320	1 939
Salary range, $900 to $1,140; average, $1,020—			
Clerk	2 1,080	2 1,080	2 1,055
Cook	1 1,080	1 1,080	1 1,058
Consultant	3 1,040	3 1,040	3 990
Cook	1 1,020	1 1,020	1 1,020
Salary range, $780 to $1,020; average, $900—			
Cook	1 936	1 936	1 632
Head waiter	1 936	1 936	1 936
Hospital steward	1 840	1 840	1 840
Driver	1 840	1 840	1 720
Laborer	11 840	11 840	11 838
Waiter	6 840	6 840	6 840
Cook	2 840	2 840	2 838
Salary range, $600 to $780; average, $690—			
Laborer	1 744	1 744	1 740
Clerk	1 720	1 720	1 720
Ward attendant	3 720	3 720	2 720
Ward attendant	5 660	5 660	5 660

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

National Home for Disabled Volunteer Soldiers, Danville Branch—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service—Continued.						
Salaries and wages—Continued.	*Average—*		*Average—*		*Average—*	
Salary range, $420 to $600; average, $510—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Clerk	1	$576	1	$576	1	$573
Hospital steward	2	576	2	576	1	576
Driver	1	576	1	576	1	576
Ward attendant	11	576	11	576	12.7	576
Laborer	2	480	2	480	2	479
Undertaker	1	480	1	480	1	480
Ward attendant	19	480	19	480	16.9	480
Salary range, $240 to $420; average, $330—						
Laborer	15	384	15	384	14.8	384
Funeral escort, sergeant	1	336	1	336	1	330
Laborer	2	336	2	336	2	109
Funeral escort, private	6	288	6	288	6	286
Laborer	6	288	6	288	6	250
Reader	1	288	1	288	1	288
Total average number of employees	142		142		138.4	
Total salaries and wages, field service		123,148.00		123,148.00		115,833.86
Deduct allowances value of subsistence, lodging, etc., furnished		24,480.00		24,480.00		22,925.00
01 Total personal services, cash payment		98,668.00		98,668.00		92,908.86
Supplies and materials:						
0200 Cleaning and toilet supplies		300.00		100.00		461.02
0210 Medical and hospital supplies		8,850.00		6,000.00		9,322.23
0220 Scientific, educational supplies		100.00		50.00		182.03
0240 Wearing apparel		200.00		100.00		204.31
0280 Sundry supplies		200.00		50.00		238.52
02 Total supplies and materials		9,650.00		6,300.00		10,408.11
12 Repairs and alterations		150.00		100.00		175.23
Equipment:						
3010 Furniture, furnishings, and fixtures		350.00		200.00		397.22
3020 Educational, scientific, and recreational equipment		3,000.00		1,632.00		3,179.25
3050 Other equipment		182.00		100.00		179.31
30 Total equipment		3,532.00		1,932.00		3,755.78
				107,000.00		[1] 107,247.98
Reserve				1,000.00		
Total		112,000.00		108,000.00		107,247.98

[1] Excess of expenditure over appropriation due to deficiency.

Transportation (*same acts*)—$500.00

06 Travel expenses: Expenditures—1929, $500; 1928, $500; 1927, $506.13.

Repairs (*U. S. C., p. 675, sec. 71; act Feb. 23, 1927, vol. 44, p. 1144*)—55,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
Salary range, $2,400 to $3,000; average, $2,700—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Chief engineer	1	$2,580	1	$2,580	1	$2,580
Salary range, $1,860 to $2,400; average, $2,100—						
Mason			0.3	2,160	0.1	2,160
Salary range, $1,500 to $1,860; average, $1,680—						
Carpenter	1	1,740	1	1,740	1	1,740
Electrical worker	1	1,740	1	1,740	1	1,740
Painter	1	1,740	1	1,740	1	1,242
Plumber	2	1,740	2	1,740	2	1,725
Tinsmith	1	1,740	1	1,740	1	1,740
Carpenter	2	1,620	2	1,620	2.9	1,620
Painter	3	1,620	3	1,620	4.3	1,620
Plumber			1	1,620	1	230
Electrical worker					0.1	1,620
Tinsmith					0.2	1,620
Salary range, $1,140 to $1,500; average, $1,320—						
Plumber	2	1,380	2	1,380	2	1,291
Mason	0.5	960	0.5	960		
Laborer	1	1,200	1	1,200	1	313
Salary range, $600 to $780; average, $690—						
Laborer	1	720	1	720	1	618

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated to the fiscal year ending June 30, 1928

National Home for Disabled Volunteer Soldiers, Danville Branch—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service—Continued.						
Salaries and wages—Continued.	*Average—*		*Average—*		*Average—*	
Salary range, $420 to $600; average, $510—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Carpenter	1	$576	1	$576	1	$534
Blacksmith	1	480	1	480	1	368
Carpenter	2	480	2	480	2	437
Laborer	15	480	15	480	9.6	480
Painter	3	480	3	480	2.5	480
Salary range, $240 to $420; average, $330—						
Laborer					1	122
Total average number of employees	38.5		39.8		36.7	
Total salaries and wages, field service		36,936.00		39,204.00		36,226.52
Deduct allowance value of subsistence, lodging, etc., furnished		5,400.00		5,868.00		5,945.00
01 Total personal services, cash payment		31,536.00		33,336.00		30,281.52
The difference between 1929 and 1928 is due to decrease in force, $1,800.						
Deduct expenditures for personal services included in objects named below		31,536.00		33,336.00		30,281.52
02 Supplies and materials		18,500.00		18,000.00		16,976.49
12 Repairs and alterations		35,000.00		35,000.00		31,215.91
30 Equipment		1,500.00		1,500.00		1,356.66
				54,500.00		49,549.06
Unobligated balance						450.94
Reserve				500.00		
Total		55,000.00		55,000.00		50,000.00

Farm (*U. S. C., p. 675, sec. 71; act Feb. 23, 1927, vol. 44, p. 1144*)—— $16,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
Salary range, $1,860 to $2,400; average, $2,100—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Chief gardener	1	$2,040	1	$2,040	1	$2,040
Salary range, $900 to $1,140; average, $1,020—						
Truck driver	2	1,080	2	1,080	2	1,080
Salary range, $780 to $1,020; average, $900—						
Laborer	1	936	1	936	1	936
Salary range, $600 to $780; average, $690—						
Laborer	2	720	2	720	2	709
Salary range, $420 to $600; average, $510—						
Laborer	3	480	3	480	3.8	480
Salary range, $240 to $420; average, $330—						
Laborer	8	384	8	384	6.3	384
Laborer	8	336	8	336	5.8	336
Total average number of employees	25		25		21.9	
Total salaries and wages, field service		13,776.00		13,776.00		12,728.49
Deduct allowance value of subsistence, lodging, etc., furnished		1,440.00		1,440.00		1,440.00
01 Total personal services, cash payment		12,336.00		12,336.00		11,288.49
Supplies and materials:						
0230 Fuel		1,650.00		1,500.00		1,290.39
0250 Forage and other supplies for animals		500.00		550.00		572.16
0280 Sundry supplies		500.00		400.00		392.48
02 Total supplies and materials		2,650.00		2,450.00		2,255.03
04 Care of animals		75.00		75.00		73.75
12 Repairs and alterations		100.00		100.00		94.70
13 Special and miscellaneous (services)		64.00		64.00		55.62
30 Total equipment		775.00		775.00		942.03
				15,800.00		14,709.62
Unobligated balance						90.38
Reserve				200.00		
Total		16,000.00		16,000.00		14,800.00

In all, Danville Branch	$600,000.00	$600,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
National Home for Disabled Volunteer Soldiers, Mountain Branch— Mountain Branch, Johnson City, Tennessee: Current expenses (*U. S. C., p. 675, sec. 71; act Feb. 23, 1927, vol. 44, p. 1144*)	$57,000.00	

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
Salary range, $3,300 to $3,900; average, $3,600—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Treasurer	1	$3,460	1	$3,460	1	$3,460
Adjutant and inspector, executive officer	1	3,360	1	3,360	1	3,360
Commissary of subsistence	1	3,360	1	3,360	1	3,360
Quartermaster	1	3,360	1	3,360	1	3,350
Salary range, $2,100 to $2,700; average, $2,400—						
Clerk	3	2,200	3	2,200	3	2,200
Chaplain	2	2,460	2	2,460	2	2,460
Salary range, $1,680 to $2,040; average, $1,860—						
Clerk	3	1,760	3	1,760	3	1,720
Musician	1	2,040	1	2,040	1	2,040
Salary range, $1,320 to $1,680; average, $1,500—						
Clerk	7	1,509	7	1,509	7	1,509
Guard captain	1	1,080	1	1,080	1	1,560
Quartermaster sergeant	1	1,320	1	1,320	1	1,320
Printer	1	1,320	1	1,320	1	1,440
Salary range, $1,020 to $1,260; average, $1,140—						
Guard licutenant	1	936	1	936	1	1,256
Guard private					1	1,080
Musician	9.5	1,148	9.5	1,148	9.3	1,137
Watchman	1	1,020	1	1,020	1	1,020
Salary range, $780 to $1,020; average, $900—						
Guard private	4	696	4	696	3	933
Telephone operator	3	936	3	936	3	936
Messenger	1	840	1	840	1	840
Janitor	3	840	3	840	3	835
Company commander	4	840	4	810	1.3	828
Salary range, $600 to $780; average, $690—						
Company sergeant	4	696	4	671	1.3	687
Total average number of employees	53.5		53.5		47.8	
Total salaries and wages, field service		74,622.00		74,400.00		71,855.84
The difference between 1929 and 1928 is due to increase in salaries, $222.						
Deduct allowance value of subsistence, lodging, etc., furnished		21,420.00		21,300.00		19,320.00
01 Total personal services, cash payment		53,202.00		53,100.00		52,535.84
02 Stationery and office supplies		2,000.00		1,950.00		1,544.25
Communication service:						
0500 Telegraph service		100.00		100.00		76.84
0510 Telephone service		450.00		450.00		413.50
05 Total communication service		550.00		550.00		490.34
06 Travel expenses		300.00		300.00		270.61
07 Transportation of things (service)		100.00		100.00		2.94
09 Advertising		200.00		200.00		198.84
12 Repairs and alterations		50.00		100.00		26.00
13 Special and miscellaneous current expenses		150.00		200.00		93.46
30 Equipment		448.00		500.00		316.49
				57,000.00		55,478.77
Reserve				500.00		
Unobligated balance						1,521.23
Total		57,000.00		57,500.00		57,000.00

Subsistence [$225,000] (*same acts*) 220,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
Salary range, $1,320 to $1,680; average, $1,500—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Mess steward	1	$1,560	1	$1,560	1	$1,560
Baker	1	1,800	1	1,800	1	1,700
Meat cutter	1	1,560	1	1,560	1	1,560
Clerk	3	1,480	3	1,480	3	1,480
Cook	4	1,590	4	1,590	3	1,548
Salary range, $1,020 to $1,260; average, $1,140—						
Baker	1	1,080	1	1,080	1	1,080
Cook	6	1,120	6	1,120	5	1,162
Head waiter	1	1,080	1	1,080	1	1,032
Laborer	1	1,080	1	1,080	1	1,080

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

National Home for Disabled Volunteer Soldiers, Mountain Branch—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Field service—Continued.			
Salaries and wages—Continued.	*Average—*	*Average—*	*Average—*
Salary range, $780 to $1,020; average, $900—	*No.* *Salary*	*No.* *Salary*	*No.* *Salary*
Cook	4 $936	4 $936	5 $965
Dishwasher	8 840	8 840	6.5 797
Laborer	4 936	4 936	13 896
Waiter	28 840	28 840	19.8 842
Salary range, $600 to $780; average, $690—			
Laborer	8 696	8 696	
Total average number of employees	71	71	61.3
Total salaries and wages, field service	68,976.00	68,976.00	61,187.73
Deduct allowance value of subsistence, lodging, etc., furnished	25,560.00	25,560.00	22,044.00
01 Total personal services, cash payment	43,416.00	43,416.00	39,143.73
Supplies and materials:			
0200 Stationery and office supplies	300.00	300.00	221.69
0240 Wearing apparel and sewing supplies	350.00	350.00	279.17
0260 Provisions	170,000.00	175,000.00	163,777.71
0280 Sundry supplies	3,000.00	3,000.00	4,115.15
02 Total supplies and materials	173,650.00	178,650.00	168,393.72
06 Travel expenses	34.00	34.00	10.65
Equipment:			
3010 Furniture, furnishings, and fixtures	2,800.00	2,800.00	2,786.41
3050 Other equipment	100.00	100.00	76.00
30 Total equipment	2,900.00	2,900.00	2,862.41
		225,000.00	210,410.51
Reserve		1,000.00	
Unobligated balance			49,589.49
Total	220,000.00	226,000.00	260,000.00

Household (*U. S. C., p. 675, sec. 71; act Feb. 23, 1927, vol. 44, p. 1144*)---- $94,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Field service:			
Salaries and wages—	*Average—*	*Average—*	*Average—*
Salary range, $1,500 to $1,860; average, $1,680—	*No.* *Salary*	*No.* *Salary*	*No.* *Salary*
Engineers	4 $1,770	4 $1,770	4 $1,753
Laundry foreman	1 1,560	1 1,560	1 1,560
Laborer	1 1,680	1 1,680	1 1,642
Salary range, $1,140 to $1,500; average, $1,320—			
Fireman	6 1,320	6 1,320	6 1,320
Laborer	1 1,200	1 1,200	1 1,200
Salary range, $900 to $1,140; average, $1,020—			
Laborer	14 989	14 989	11 963
Upholsterer	1 936	1 936	1 936
Janitor			4 972
Salary range, $780 to $1,020; average, $900—			
Laborer	7 840	7 840	10.3 840
Janitor	3 936	3 936	2 888
Salary range, $600 to $780; average, $690—			
Laborer	1 696	1 696	
Janitor	2 696	2 696	
Total average number of employees	41	41	41.3
Total salaries and wages, field service	45,000.00	45,000.00	45,142.49
Deduct allowance value of subsistence, lodging, etc., furnished	14,760.00	14,760.00	14,866.00
01 Total personal services, cash payment	30,240.00	30,240.00	30,276.49
Supplies and materials:			
0200 Stationery and office supplies	5,000.00	5,000.00	4,650.99
0230 Fuel	45,000.00	45,000.00	42,674.28
0240 Wearing apparel and sewing supplies	3,000.00	3,000.00	3,427.66
0280 Sundry supplies	2,300.00	2,300.00	2,294.03
02 Total supplies and materials	55,300.00	55,300.00	53,046.96
10 Furnishing of heat, light, power, water, and electricity (service)	6,500.00	6,500.00	6,418.50
Equipment:			
3010 Furniture, furnishings, and fixtures	1,800.00	1,800.00	1,770.20
3050 Other equipment	160.00	160.00	90.92
30 Total equipment	1,960.00	1,960.00	1,861.12
		94,000.00	91,603.07
Unobligated balance			2,396.93
Total	94,000.00	94,000.00	94,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
National Home for Disabled Volunteer Soldiers, Mountain Branch—Continued. Hospital [$250,000] (*U. S. C., p. 675, sec. 71; act Feb. 23, 1927, vol. 44, p. 1144*)	$230,000.00	

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $6,000 to $7,500; average, $6,750—						
Medical director and superintendent	1	$6,720	1	$6,720	1	$6,720
Salary range, $3,800 to $5,000; average, $4,400—						
Assistant medical director	1	5,220	1	5,220	1	5,220
Assistant surgeon	2	4,320	2	4,320	2	4,320
Salary range, $3,300 to $3,900; average, $3,600—						
Assistant surgeon	6	3,700	6	3,700	5.5	3,602
Salary range, $2,700 to $3,300; average, $3,000—						
Assistant surgeon	6	4,277	10	3,190	6	3,243
Senior bacteriologist	1	2,760	1	2,760	1	2,760
Chief nurse	1	2,760	1	2,760	1	2,760
Salary range, $1,860 to $2,400; average, $2,100—						
Assistant chief nurse	1	1,920	1	1,920	1.5	2,234
Chief aid, occupational therapy	1	1,884	1	1,884	1	1,884
Executive clerk	1	1,920	1	1,920	1	1,926
Dietitian	2	2,010	2	2,010	2	1,984
Cook	1	1,920	1	1,920		
Salary range, $1,500 to $1,860; average, $1,680—						
Technician	1	1,800	1	1,800		
Clerk	1	1,560	1	1,560	1	1,560
Consultant	2	2,010	2	2,010	2	1,560
Druggist	1	1,860	1	1,860	1	1,800
Nurse, graduate	14	1,560	12	1,560	12	1,543
Aid, occupational therapy	4	1,632	4	1,632	4	1,632
Medical record clerk	3	1,580	3	1,580	3	1,580
Matron	1	1,560	1	1,560	1	1,551
Hospital steward	1	1,560	1	1,560	1	1,560
Cook	2	1,560	2	1,560	3	1,560
Aid, physiotherapy	1	1,584	1	1,584	1	1,584
Dental technician	1	1,560	1	1,560	0.5	1,811
Salary range, $1,140 to $1,500; average, $1,320—						
Laboratory assistant	2	1,320	2	1,320	2	1,320
Dental technician					0.3	1,232
Nurse, graduate	21	1,380	22	1,380	20.8	1,380
Nurse, practical	6	1,260	6	1,260	7	1,271
Aid, occupational therapy	1	1,488	1	1,488	1.5	1,926
Clerk	2	1,260	2	1,260	2	1,247
Medical record clerk	1	1,260	1	1,260	1	1,260
Hospital steward	2	1,200	2	1,200	2	1,198
Cook	2	1,380	2	1,380	2	1,321
Consultant	1	1,320	1	1,320	1	1,320
Technician					1	1,436
Salary range, $900 to $1,400; average, $1,020—						
Mail orderly					0.8	972
Undertaker	1	1,080	1	1,080	1	1,080
Ward attendant	30	1,075	28	1,075	28.25	1,009
Ambulance driver	2	1,080	2	1,080	2	1,080
Cook	6	1,022	6	1,022	5.8	1,041
Headwaiter	2	978	2	978	2	975
Laborer	2	978	2	978	1.75	1,018
Salary range, $780 to $1,020; average, $900—						
Ward attendant	21	840	21	840	21	840
Waiter	12	840	12	840	11.75	840
Dishwasher	5	840	5	840	4.75	850
Laborer	29	840	29	840	32.75	840
Laboratory attendant	1	840	1	840		
Total average number of employees	205		206		204.75	
Total salaries and wages, field service		279,000.00		279,000.00		278,278.84
Deduct allowance value of subsistence, lodging, etc., furnished		80,000.00		80,000.00		79,323.00
01 Total personal services, cash payment		199,000.00		199,000.00		198,955.84
Supplies and materials:						
0200 Stationery and office supplies		600.00		600.00		565.24
0210 Medical and hospital supplies		18,000.00		18,000.00		16,504.21
0220 Scientific and educational supplies		400.00		400.00		170.89
0240 Wearing apparel and sewing supplies		600.00		600.00		366.39
0260 Provisions						2.75
0280 Sundry supplies		400.00		400.00		
02 Total supplies and materials		20,000.00		20,000.00		17,609.48
22 Burial expenses		1,000.00		1,000.00		450.34
Equipment:						
3000 Passenger-carrying vehicles		1,000.00		1,000.00		445.30
3010 Furniture, furnishings, and fixtures		2,000.00		2,000.00		1,044.43
3020 Educational, scientific, and recreational equipment		1,000.00		1,000.00		472.11
3050 Other equipment		6,000.00		6,000.00		3,155.60
30 Total equipment		10,000.00		10,000.00		5,117.44
				230,000.00		222,133.10
Reserve				21,000.00		
Unobligated balance						52,866.90
Total		230,000.00		251,000.00		275,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
National Home for Disabled Volunteer Soldiers, Mountain Branch—Continued.		
Transportation (*U. S. C., p. 675, sec. 71; act Feb. 23, 1927, vol. 44, p. 1144*)	$500.00	
06 Travel expenses: Expenditures—1929, $500; 1928, $500; 1927, $486.04.		
Repairs (*same acts*)	50,000.00	

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
Salary range, $2,400 to $3,000; average, $2,700—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Chief engineer	1	$2,760	1	$2,760	1	$2,760
Salary range, $1,500 to $1,860; average, $1,680—						
Electrician	3	1,620	3	1,620	3	1,620
Blacksmith	1	1,560	1	1,560	1	1,560
Carpenter	2	1,650	2	1,650	2.5	1,577
Automobile mechanic	1	1,860	1	1,860	1	1,860
Painter	3	1,620	3	1,620	3.8	1,618
Plasterer	1	1,500	1	1,500	1	1,467
Plumber	1	1,860	1	1,860	1	1,860
Steamfitter	2	1,740	2	1,740	2	1,740
Tinsmith	1	1,740	1	1,740	1	1,740
Salary range, $1,140 to $1,500; average, $1,320—						
Laborer	3	1,220	3	1,220	2	1,359
Painter	2	1,320	2	1,320	1	1,320
Plumber	1	1,440	1	1,440	1	1,440
Carpenter	2	1,260	2	1,260	1	1,291
Salary range, $900 to $1,140; average, $1,020—						
Carpenter					0.5	1,193
Laborer	8	1,024	8	1,025	9.8	1,058
Painter	1	1,080	1	1,080	1	1,080
Salary range, $780 to $1,020; average, $900—						
Laborer	2	840	2	840	2	837
Carpenter	1	720	1	720	0.5	720
Total average number of employees	36		36		36	
Total salaries and wages, field service		49,716.00		49,716.00		50,386.99
Deduct allowanee value of subsistence, lodging, etc., furnished		12,960.00		12,960.00		12,920.00
01 Total personal services, cash payment		36,756.00		36,756.00		37,466.99
Deduct expenditures for personal services included in objects named below		36,756.00		36,756.00		37,466.99
Supplies and materials:						
0200 Stationery and office supplies		200.00		200.00		36.25
0280 Sundry supplies		10,000.00		10,000.00		9,121.03
0290 Materials (not specifically allocated for use as supplies, equipment, or structures at time of purchase)		2,500.00		2,500.00		1,840.15
02 Total supplies and materials		12,700.00		12,700.00		10,997.43
12 Alterations and repairs		244.00		244.00		16.23
30 Equipment		300.00		300.00		294.07
				50,000.00		48,774.72
Reserve				500.00		
Unobligated balance						1,225.28
Total		50,000.00		50,500.00		50,000.00

Farm [$33,000] (*same acts*)	31,000.00	

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
Salary range, $1,860 to $2,400; average, $2,100—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Chief gardener					0.25	$1,750
Salary range, $1,320 to $1,680; average, $1,500—						
Chief farmer	1	$1,680	1	$1,680	1	1,680
Head dairyman	1	1,320	1	1,320	1	1,313
Chief gardener	1	1,560	1	1,560	0.8	1,647
Salary range, $900 to $1,140; average, $1,020—						
Truck driver	2	1,080	2	1,080	2	1,080
Superintendent of cemetery	1	1,080	1	1,080	1	1,080
Laborer	11	962	11	962	11	965
Salary range, $780 to $1,020; average, $900—						
Laborer	13	840	13	840	15.8	836
Salary range, $600 to $780; average, $690—						
Laborer	1	696	1	696		
Total average number of employees	31		31		32.8	
Total salaries and wages, field service		30,000.00		30,000.00		31,683.85
Deduct allowance value of subsistence, lodging, etc., furnished		11,160.00		11,160.00		11,776.00
01 Total personal services, cash payment		18,840.00		18,840.00		19,907.85

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

National Home for Disabled Volunteer Soldiers, Mountain Branch—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
0150 Special and miscellaneous payments for personal services (commissions, retainers, etc.)	$150.00	$150.00	$150.00
Supplies and materials:			
0200 Stationery and office supplies	100.00	100.00	37.50
0230 Fuel	3,000.00	4,000.00	2,468.24
0250 Forage and other supplies for animals	3,800.00	4,200.00	2,648.45
0280 Sundry supplies	3,700.00	3,700.00	2,797.18
02 Total supplies and materials	10,600.00	12,000.00	7,951.37
07 Transportation of things (service)	150.00	150.00	20.58
Equipment:			
3000 Passenger-carrying vehicles	400.00	500.00	324.02
3040 Livestock (other than purchase for slaughter (0261), and zoological garden stock)	500.00	800.00	425.00
3050 Other equipment	360.00	560.00	190.00
30 Total equipment	1,260.00	1,860.00	939.02
		33,000.00	28,968.82
Reserve		500.00	
Unobligated balance			4,331.18
Total	31,000.00	33,500.00	33,300.00
In all, Mountain Branch			$682,500.00 / $709,500.00

National Sanitarium for Disabled Volunteer Soldiers, Hot Springs, S. Dak.—
Battle Mountain Sanitarium, Hot Springs, South Dakota: Current expenses (*U. S. C., p. 675, sec. 71; act Feb. 23, 1927, vol. 44, p. 1144*) $45,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $3,000 to $3,600; average, $3,300—						
Governor and surgeon	1	$4,320	1	$4,320	1	$4,320
Salary range, $2,700 to $3,300; average, $3,000—						
Treasurer	1	3,460	1	3,460	1	3,720
Salary range, $2,100 to $2,700; average, $2,400—						
Quartermaster and commissary of subsistence	1	3,120	1	3,120		
Salary range, $1,680 to $2,040; average, $1,860—						
Clerk	1	2,280	1	2,280	1	2,280
Clerk	2	2,160	2	2,160	2	2,160
Chaplain	1	2,460	1	2,460	1	2,460
Clerk	1	2,040	1	2,040	1	2,040
Clerk	1	1,920	1	1,920	1	1,920
Musician (bandmaster)	1	2,040	1	2,040	1	2,040
Salary range, $1,140 to $1,500; average, $1,320—						
Clerk	1	1,800	1	1,800	1	1,800
Clerk	2	1,560	2	1,560	2	1,560
Salary range, $900 to $1,140; average, $1,020—						
Clerk	2	1,440	2	1,440	2	1,440
Quartermaster sergeant	1	1,320	1	1,320	1	1,320
Chaplain	1	1,320	1	1,320	1	1,320
Printer	1	1,320	1	1,320	1	1,320
Salary range, $780 to $1,020; average, $900—						
Musician	2	1,200	2	1,200	2	1,200
Salary range, $600 to $780; average, $690—						
Musician	2	1,140	2	1,140	2	1,140
Musician	5.5	1,080	5.5	1,080	5.3	1,080
Salary range, $420 to $600; average, $510—						
Guard sergeant	1	840	1	840	1	840
Clerk	1	840	1	840	1	840
Messenger	1	840	1	840	1	840
Salary range, $240 to $420; average, $330—						
Bugler	1	744	1	744	1	744
Guard, private	6	648	6	648	6	648
Janitor	2	648	2	648	2.8	648
Total average number of employees	39.5		39.5		39.1	
Total salaries and wages, field service		56,788		56,788		54,212
Deduct allowance value of subsistence, lodging, etc., furnished		15,660		15,660		15,156
01 Total personal services, cash payment		41,128		41,128		39,056

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

National Sanitarium for Disabled Volunteer Soldiers, Hot Springs, S. Dak.—Con.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Supplies and materials:			
0200	Stationery and office supplies	$1,400.00	$900.00	$345.84
0220	Scientific and educational supplies	50.00	50.00	
0280	Sundry supplies	300.00	300.00	82.20
02	Total supplies and materials	1,750.00	1,250.00	428.04
	Communication service:			
0500	Telegraph service	60.00	60.00	26.16
0510	Telephone service	550.00	550.00	197.85
05	Total communication service	610.00	610. 0	224.01
06	Travel expenses	450.00	450.00	52.96
07	Transportation of things (service)			61.03
09	Advertising and publication of notices (service)	225.00	225.00	132.63
11	Rent (post office box)	4.00	4.00	4.00
12	Repairs and alterations	60.00	60.00	7.62
13	Special and miscellaneous current expenses	150. 0	150.00	59.64
	Equipment:			
3010	Furniture, furnishings, and fixtures	200.00	200.00	41.88
3050	Other equipment	423.00	423.00	25.70
30	Total equipment	623.00	623.00	67.58
			44,500.00	40,093.51
	Unobligated balance			906.49
	Reserve		500.00	
	Total	45,000.00	45,000.00	41,000.00

Subsistence (*U. S. C., p. 675, sec. 71; act Feb. 23, 1927, vol. 44, p. 1144*)... $115,000.00

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Field service:						
	Salaries and wages—	*Average—*		*Average—*		*Average—*	
	Salary range, $1,020 to $1,260; average, $1,140—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Baker	1	$1,560	1	$1,560	1	$1,560
	Clerk	1	1,440	1	1,140	1	1,440
	Salary range, $600 to $780; average, $690—						
	Meat cutter	1	1,080	1	1,080	1	1,080
	Salary range, $420 to $600; average, $510—						
	Laborer	2	840	2	840	1.9	840
	Salary range, $240 to $420; average, $330—						
	Labor					0.1	648
	Total average number of employees	5		5		5	
	Total salaries and wages, field service		5,760.00		5,760.00		5,741.07
	Deduct allowance value of subsistence, lodging, etc., furnished		1,800.00		1,800.00		1,800.00
01	Total personal services, cash payment		3,960.00		3,960.00		3,941.07
	Supplies and materials:						
0240	Wearing apparel		350.00		350.00		128.76
0260	Provisions		108,500.00		107,500.00		93,842.30
0280	Sundry supplies		800.00		800.00		248.68
0290	Materials						195.60
02	Total supplies and materials		109,650.00		108,650.00		94,415.34
06	Travel expenses						19.92
	Equipment:						
3010	Furniture, furnishings, and fixtures		1,000.00		1,000.00		879.17
3050	Other equipment		390.00		390.00		127.72
30	Total equipment		1,390.00		1,390.00		1,006.89
					114,000.00		99,383.22
	Reserve				1,000.00		
	Total		115,000.00		115,000.00		[1] 99,383.22

[1] Increase of expenditure over appropriation due to deficiency.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

National Sanitarium for Disabled Volunteer Soldiers, Hot Springs, S. Dak.—Con.

Household [$70,000] (*U. S. C., p. 675, sec. 71; act Feb. 23, 1927, vol. 44, p. 1144*) $75,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
Salary range, $1,320 to $1,680; average, $1,500—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Engineer	1	$1,740	1	$1,740	1	$1,740
Salary range, $900 to $1,140; average, $1,020—						
Fireman	3	1,380	3	1,380	3	1,380
Laundry foreman	1	1,320	1	1,320	1	1,320
Salary range, $600 to $780; average, $690—						
Laborer	1	1,020	1	1,020	1	1,020
Salary range, $420 to $600; average, $510—						
Laborer	6	840	6	840	5.6	840
Total average number of employees	12		12		11.6	
Total salaries and wages, field service		13,260		13,260		13,236
Deduct allowance value of subsistence, lodging, etc., furnished		4,320		4,320		4,176
01 Total personal services, cash payment		8,940		8,940		[1] 9,060
Supplies and materials:						
0230 Fuel		48,000.00		45,000.00		46,547.67
0280 Sundry supplies		5,000.00		4,250.00		4,550.76
02 Total supplies and materials		53,000.00		49,250.00		51,098.43
07 Transportation of things (service)						45.21
10 Furnishing of heat, light, power, water, and electricity		11,500.00		10,000.00		11,716.00
Equipment:						
3010 Furniture, furnishings, and fixtures		1,200.00		1,000.00		1,486.12
3050 Other equipment		360.00		310.00		166.57
30 Total equipment		1,560.00		1,310.00		1,652.69
				69,500.00		73,572.33
Reserve				500.00		
Total		75,000.00		70,000.00		[2] 73,572.33

[1] Includes $280 for temporary skilled and unskilled labor.
[2] Increase of expenditure over appropriation due to deficiency.

Hospital [$110,000] (*same acts*) 115,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
Salary range, $2,700 to $3,300; average, $3,000—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Assistant surgeon	1	$4,020	1	$4,020	0.7	$4,020
Salary range, $2,400 to $3,000; average, $2,700—						
Assistant surgeon	2	3,460	2	3,460	1	3,460
Assistant surgeon	2	3,240	1	3,240	1	3,240
Assistant surgeon	3	3,120	3	3,120	3.6	3,120
Salary range, $1,140 to $1,500; average, $1,320—						
Clerk	1	1,800	1	1,800	1	1,800
Cook	2	1,560	2	1,560	1.7	1,560
Aid, occupational therapy	1	1,680	1	1,680	1	1,680
Dietitian	1	1,560	1	1,560	1	1,560
Druggist	1	1,860	1	1,860	1	1,860
Chief nurse	1	1,800	1	1,800	1	1,800
Assistant chief nurse	1	1,560	1	1,560		
Laboratory technician	1	1,560	1	1,560	1	1,560
X-ray technician	1	1,560	1	1,560	0.7	1,560
Dental technician	1	1,560	1	1,560	0.6	1,560
Salary range, $900 to $1,140; average, $1,020—						
Aid, occupational therapy	1	1,488	1	1,488	0.8	1,488
Clerk	2	1,440	1	1,440	1.7	1,440
Dietitian	1	1,320	1	1,320		
Aid, physiotherapy					0.3	1,320
Cook	2	1,320	2	1,320	1.3	1,320
Trained nurse	14	1,320	13	1,320	10.9	1,320
Salary range, $600 to $780; average, $690—						
Clerk	1	1,080	1	1,080		
Aid, physiotherapy	2	1,140	2	1,140	1.5	1,140
Hospital steward	1	1,080	1	1,080	1	1,080
Hospital steward	1	960	1	960	0.7	960
Cook	3	1,080	3	1,080	2.1	1,080
Cook	2	1,020	2	1,020	2	1,020
Ward attendant	8	1,020	8	1,020	7.5	1,020
Driver	1	1,020	1	1,020		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

National Sanitarium for Disabled Volunteer Soldiers, Hot Springs, S. Dak.—Con.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service—Continued.						
Salaries and wages—Continued.	*Average—*		*Average—*		*Average—*	
Salary range, $420 to $600; average, $510—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Driver					1	$936
Head waiter	1	$936	1	$936	1	936
Ward attendant	14	936	14	936	13.8	936
Cook	1	840	1	840	1	840
Dishwasher	5	840	5	840	3.7	840
Laborer	14	840	14	840	10.8	840
Ward attendant	17	840	17	840	15.3	840
Waiter	18	840	18	840	16.2	840
Salary range, $240 to $420; average, $330—						
Laborer	4	732	4	732	2	732
Laborer	6	648	6	648	2.3	648
Laborer					1.9	696
Reader to blind	1	648	1	648	1	648
Salary range under $240—						
Laborer	2	540	2	540	2	540
Miscellaneous—						
Consultant, at $5 per visit: Surgical—eye, ear, nose, and throat; genitourinary, number of visits	201		201		201	
Total average number of employees	141		139		116.1	
Total salaries and wages, field service		160,292.00		155,732.00		132,576.02
Deduct allowance value of subsistence, lodging, etc., furnished		53,640.00		52,560.00		44,064.00
01 Total personal services, cash payment		106,652.00		103,172.00		88,512.02
The difference between 1929 and 1928 is due to increase in force, $3,480.						
Supplies and materials:						
0210 Medical and bospital supplies		5,000.00		4,300.00		5,889.92
0220 Scientific and educational supplies		500.00		300.00		824.48
0280 Sundry supplies		700.00		450.00		812.68
0290 Materials		100.00		100.00		3.50
02 Total supplies and materials		6,300.00		5,150.00		7,530.58
07 Transportation of tbings (service)		250.00		100.00		220.48
12 Repairs and alterations		25.00		20.00		13.03
22 Burial expenses		1,550.00		900.00		2,266.36
Equipment:						
3010 Furniture, furnishings, and fixtures		50.00		75.00		589.92
3020 Educational, scientific, and recreational equipment		100.00		55.00		651.22
3050 Other equipment		73.00		28.00		353.02
30 Total equipment		223.00		158.00		1,594.16
				109,500.00		100,136.63
Reserve				500.00		
Total		115,000.00		110,000.00		[1] 100,136.63

[1] Increase of expenditure over appropriation due to deficiency.

Transportation (*U. S. C., p. 675, sec. 71; act Feb. 23, 1927, vol. 44, p. 1144*)—$500.00

06 Travel expenses: Expenditures—1929, $500; 1928, $500; 1927, $499.90.

Repairs (*same acts*)—24,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
Salary range, $1,860 to $2,400; average, $2,100—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Chief engineer	1	$2,460	1	$2,460	1	$2,460
Salary range, $1,320 to $1,680; average, $1,500—						
Carpenter	1	1,740	1	1,740	1	1,740
Electrician	1	1,740	1	1,740	1	1,740
Painter	1	1,740	1	1,740	1	1,740
Steam fitter	1	1,740	1	1,740	1	1,740
Salary range, $780 to $1,020; average, $900—						
Plumber	2	1,260	2	1,260	1	1,260
Machinist	1	1,140	1	1,140	1	1,140
Salary range, $420 to $600; average, $510—						
Painter	1	936	1	936	1	936
Carpenter	1	936	1	936	1	936
Laborer	2	840	2	840	2	840
Total average number of employees	12		12		11	
Total salaries and wages, field service		16,632.00		16,632.00		16,897.80
Deduct allowance value of subsistence, lodging, etc., furnished		4,320.00		4,320.00		3,960.00
01 Total personal services, cash payment		12,312.00		12,312.00		[1] 12,937.80
Deduct expenditures for personal services included in objects named below		12,312.00		12,312.00		12,937.80

[1] Includes $683 for temporary skilled and unskilled labor.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

National Sanitarium for Disabled Volunteer Soldiers, Hot Springs, S. Dak.—Con.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Supplies and materials:			
0280 Sundry supplies	$5,000.00	$5,000.00	$3,298.90
0290 Materials (not specifically allocated for use as supplies, equipment, or structures at time of purchase)	4,500.00	4,500.00	4,248.10
02 Total supplies and materials	9,500.00	9,500.00	7,547.00
12 Repairs and alterations	12,312.00	12,312.00	12,937.80
Equipment:			
3010 Furniture, furnishings, and fixtures	550.00	550.00	292.20
3050 Other equipment	1,638.00	1,138.00	1,216.24
30 Total equipment	2,188.00	1,688.00	1,508.44
		23,500.00	21,993.24
Unobligated balance			6.76
Reserve		500.00	
Total	24,000.00	24,000.00	22,000.00

Farm [$6,000] (*U. S. C., p. 675, sec. 71; act Feb. 23, 1927, vol. 44, p. 1144*) - $6,500.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $1,500 to $1,860; average, $1,680—						
Chief gardener	1	$2,040	1	$2,040	1	$2,040
Salary range, $420 to $600; average, $510—						
Laborer	1	936	1	936	1	936
Laborer	1	840	1	840	1	840
Salary range, $240 to $420; average, $330—						
Laborer	2	696	2	696	1.8	696
Laborer	1	648	1	648	1	648
Total average number of employees	6		6		5.8	
Total salaries and wages, field service		5,856.00		5,856.00		6,019.21
Deduct allowance value of subsistence, lodging, etc., furnished		2,160.00		2,160.00		2,088.00
01 Total personal services, cash payment		3,696.00		3,696.00		[1] 3,931.21
Supplies and materials:						
0230 Fuel (gasoline)		1,000.00		800.00		661.51
0250 Forage and other supplies for animals		900.00		800.00		372.60
0280 Sundry supplies		300.00		250.00		582.98
02 Total supplies and materials		2,200.00		1,850.00		1,617.09
12 Repairs and alterations		50.00		50.00		62.48
Equipment:						
3040 Livestock (other than that purchased for slaughter, 0261, and zoological garden stock, 3021)						170.00
3050 Other equipment		554.00		304.00		205.22
30 Total equipment		554.00		304.00		375.22
				5,900.00		5,986.00
Unobligated balance						14.00
Reserve				100.00		
Total		6,500.00		6,000.00		6,000.00

[1] Includes $320.34 for temporary labor.

In all, Battle Mountain Sanitarium — $381,000.00 — $370,500.00

When approved by the Board of Managers, 10 per centum of each of the foregoing amounts for the support of the National Home for Disabled Volunteer Soldiers shall be available interchangeably for expenditure on the objects named, but the total for each home shall not be increased by more than 10 per centum.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
National Home for Disabled Volunteer Soldiers, Clothing—		
For clothing for all branches; labor, materials, machines, tools, and appliances employed and for use in the tailor shops and shoe shops, or other home shops in which any kind of clothing is made or repaired (*U. S. C., p. 675, see. 71; act Feb. 23, 1927, vol. 44, p. 1144*)	$180,000.00	$180,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average*—		*Average*—		*Average*—	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $2,100 to $2,700; average, $2,400—						
Superintendent	1	$2,400	1	$2,400	1	$2,400
Salary range, $1,320 to $1,680; average, $1,500—						
Tailor, foreman	1	1,620	1	1,620	1	1,620
Salary range, $780 to $1,020; average, $900—						
Shoemaker	1	1,020	1	1,020	1	1,020
Shoemaker	1	900	1	900	1	900
Tailor	1	840	1	840	1	840
Clerk, tailor, and shoemaker	5	780	5	780	5	780
Salary range, $600 to $780; average, $690—						
Clerk and shoemaker	2	720	2	720	2	720
Tailor and shoemaker	4	600	4	600	4	600
Salary range, $420 to $600; average, $510—						
Tailor	2	576	2	576	2	576
Packer and tailor	3	540	3	540	3	540
Tailor, seamstress, and laborer	14	480	14	480	14	480
Assistant packer and shoemaker	2	444	2	444	2	444
Salary range, $240 to $420; average, $330—						
Tailor and laborer	4	384	4	384	4	384
Laborer	1	360	1	360	1	360
Laborer	1	288	1	288	1	288
Pieceworkers, approximately 75 employees with a monthly pay roll ranging from $1,750 to $2,250; average, $2,000	75	2,000	75	2,000	75	2,000
Total average number of employees	118		118		118	
01 Total salaries and wages, field service		51,084		51,084		51,234
Supplies and materials:						
0240 Wearing apparel and sewing supplies		128,675.00		128,175.00		126,763.42
0280 Sundry supplies		173.00		173.00		164.00
02 Total supplies and materials		128,848.00		128,348.00		126,927.42
05 Telephone service		18.00		18.00		18.00
30 Equipment		50.00		50.00		50.00
				179,500.00		178,229.42
Unobligated balance						1,770.58
Reserve				500.00		
Total		180,000.00		180,000.00		180,000.00

National Home for Disabled Volunteer Soldiers, Salaries and Incidental Expenses—		
Board of Managers: President, $4,000; secretary, $500; general treasurer, who shall not be a member of the Board of Managers, $5,000; chief surgeon, $4,500; assistant general treasurer, $3,500; inspector general, $3,500; clerical services for the offices of the president, general treasurer, chief surgeon, and inspector general, $19,500; clerical services for managers, $2,700; traveling expenses of the board of managers, their officers and employees, including officers of branch homes when detailed on inspection work, $14,000; outside relief, $100; legal services, medical examinations, stationery, telegrams, and other incidental expenses, $1,700; in all (*U. S. C., p. 675, see. 71; act Feb. 23, 1927, vol. 44, p. 1144*)	59,000.00	59,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average*—		*Average*—		*Average*—	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $3,800 to $5,000; average, $4,400—						
General treasurer	1	$5,000	1	$5,000	1	$5,000
Chief surgeon	1	4,500	1	4,500	1	4,500
President, Board of Managers	1	4,000	1	4,000	1	4,000
Salary range, $3,300 to $3,900; average, $3,600—						
Inspector general	1	3,500	1	3,500	1	3,500
Assistant general treasurer	1	3,500	1	3,500	1	3,500
Salary range, $2,400 to $3,000; average, $2,700—						
Auditor	1	2,640	1	2,640	1	2,640
Salary range, $2,100 to $2,700; average, $2,400—						
Chief clerk	1	2,400	1	2,400	1	2,400
Clerk	1	2,100	1	2,100	1	2,100
Salary range, $1,860 to $2,400; average, $2,100—						
Clerk	1	2,040	1	2,040	1	2,040
Salary range, $1,500 to $1,860; average, $1,680—						
Clerk	1	1,800	1	1,800	1	1,800
Clerk	2	1,620	2	1,620	2	1,620

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
National Home for Disabled Volunteer Soldiers, Salaries and Incidental Expenses—Continued.		

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
		Average—		*Average*—		*Average*—	
		No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Field service—Continued.						
	Salaries and wages—Continued.						
	Salary range, $1,320 to $1,680; average, $1,500—						
	Clerk	1	$1,440	1	$1,440	1	$1,440
	Clerk	1	1,380	1	1,380	1	1,380
	Salary range, $780 to $1,020; average, $900—						
	Clerk	1	960	1	960	1	960
	Clerk	1	720	1	720	1	720
	Salary range, $420 to $600; average, $510—						
	Clerk	1	500	1	500	1	500
	Clerk	6	450	6	450	6	450
	Total average number of employees	23		23		23	
01	Total salaries and wages, field service		42,420.00		42,420.00		42,238.50
	Supplies and materials:						
0200	Stationery and office supplies		600.00		600.00		569.89
0220	Scientific and educational supplies		80.00		80.00		65.25
02	Total supplies and materials		680.00		680.00		635.14
	Communication service:						
0500	Telegraph service		200.00		200.00		188.51
0510	Telephone service		220.00		240.00		223.05
05	Total communication service		420.00		440.00		411.56
	Travel expenses:						
0615	Transportation		13,000.00		12,250.00		10,456.22
0616	Subsistence		2,000.00		1,750.00		1,378.78
06	Total travel expenses		15,000.00		14,000.00		11,835.00
08	Printing and binding		310.00		290.00		292.54
09	Advertising and publication of notices (service)		30.00		30.00		27.25
30	Furniture, furnishings, and fixtures		140.00		100.00		24.00
					57,960.00		55,463.99
	Unobligated balance						3,536.01
	Reserve				1,040.00		
	Total		59,000.00		59,000.00		59,000.00

Total, National Home for Disabled Volunteer Soldiers	$7,785,300.00	$7,755,132.00
State and Territorial Homes for Disabled Soldiers and Sailors—		
State and Territorial homes for disabled soldiers and sailors: For continuing aid to State or Territorial homes for the support of disabled volunteer soldiers, in conformity with the act approved August 27, 1888, as amended, including all classes of soldiers admissible to the National Home for Disabled Volunteer Soldiers, [$570,000] *$560,000*: *Provided*, That for any sum or sums collected in any manner from inmates of such State or Territorial homes to be used for the support of said homes a like amount shall be deducted from the aid herein provided for, but this proviso shall not apply to any State or Territorial home into which the wives or widows of soldiers are admitted and maintained (*U. S. C., p. 677, sec. 134; act Feb. 23, 1927, vol. 44, p. 1145*)	560,000.00	570,000.00
2200 Aid paid to 28 States for homes for disabled soldiers and sailors: Expenditures—1929, $560,000; 1928, $570,000; 1927, [1] $573,373.69.		
[1] Increase of expenditure over appropriation due to deficiency.		
Total under national homes	8,345,300.00	8,325,132.00
Total, War Department, exclusive of Panama Canal	390,163,143.00	360,257,329.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
THE PANAMA CANAL		
The limitations on the expenditure of appropriations hereinbefore made in this act shall not apply to the appropriations for the Panama Canal.		
For every expenditure requisite for and incident to the maintenance and operation, sanitation, and civil government of the Panama Canal and Canal Zone, including the following: Compensation of all officials and employees, foreign and domestic newspapers and periodicals; law books not exceeding $500; textbooks and books of reference; printing and binding, including printing of annual report; rent and personal services in the District of Columbia; purchase or exchange of typewriting, adding, and other machines; purchase or exchange, maintenance, repair, and operation of motor-propelled and horse-drawn passenger-carrying vehicles; claims for damages to vessels passing through the locks of the Panama Canal, as authorized by the Panama Canal act; claims for losses of or damages to property arising from the conduct of authorized business operations; claims for damages to property arising from the maintenance and operation, sanitation, and civil government of the Panama Canal; acquisition of land and land under water, as authorized in the Panama Canal act; expenses incurred in assembling, assorting, storing, repairing, and selling material, machinery, and equipment heretofore or hereafter purchased or acquired for the construction of the Panama Canal which are unserviceable or no longer needed, to be reimbursed from the proceeds of such sales; expenses incident to conducting hearings and examining estimates for appropriations on the Isthmus; expenses incident to any emergency arising because of calamity by flood, fire, pestilence, or like character not foreseen or otherwise provided for herein; traveling expenses, when prescribed by the governor of the Panama Canal to persons engaged in field work or traveling on official business; and for such other expenses not in the United States as the governor of the Panama Canal may deem necessary best to promote the maintenance and operation, sanitation, and civil government of the Panama Canal, all to be expended under the direction of the governor of the Panama Canal and accounted for as follows (*U. S. C., p. 1638, sec. 1305; act Feb. 23, 1927, vol. 44, p. 1145*):		
Maintenance and Operation, Panama Canal—		
For maintenance and operation of the Panama Canal; salary of the governor, $10,000; purchase, inspection, delivery, handling, and storing of materials, supplies, and equipment for issue to all departments of the Panama Canal, the Panama Railroad, other branches of the United States Government, and for authorized sales, payment in lump sums of not exceeding the amounts authorized by the injury compensation act approved September 7, 1916, to alien cripples who are now a charge upon the Panama Canal by reason of injuries sustained while employed in the construction of the Panama Canal; in all [$5,830,000], *$6,847,000, including $250,000 for commencing the construction of a dam across the Chagres River at Alhajuela for the storage of water for use in the maintenance and operation of the Panama Canal, together with a hydro-electric plant, roadways, and such other work as in the judgment of the governor of the Panama Canal may be necessary, to cost in the aggregate not to exceed $12,000,000,* together with all moneys arising from the conduct of business operations authorized by the Panama Canal act (*U. S. C., p. 1638, sec. 1305; act Feb. 23, 1927, vol. 44, p. 1145*)	$6,847,000.00	$5,830,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
EXECUTIVE OFFICE						
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
Salary range, $7,500 and over—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Governer	1	$12,000	1	$12,000	1	$12,000
Deduct allowance for quarters, light, etc		2,000		2,000		2,000
Cash payment		10,000		10,000		10,000
Engineer of maintenance	1	8,700	1	8,700	1	8,700
Salary range, $6,000 to $7,500; average, $6,750—						
Executive secretary	1	7,200	1	7,200	1	7,200
Assistant engineer of maintenance	1	6,600	1	6,600	1	6,600
Salary range, $3,800 to $5,000; average, $4,400—						
Chief clerk	1	4,600	1	4,600	1	4,600
Chief of bureau	1	4,600	1	4,600	1	4,400
Salary range, $3,300 to $3,900; average, $3,600—						
Secretary to governor	1	3,800	1	3,800	1	3,800
Assistant chief clerk	1	3,700	1	3,700	1	3,642
Editor and statistician	1	3,700	1	3,700	1	3,700
Chief of bureau	1	3,600	1	3,600	1	3,600
Surveying officer	1	3,600	1	3,600	1	3,600
Office assistant	1	3,500	1	3,500	1	3,500
Member wage and grievance board (relief)	0.2	3,480	0.2	3,480		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Maintenance and Operation, Panama Canal—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
EXECUTIVE OFFICE—continued						
Field service—Continued.						
Salaries and wages—Continued.	*Average—*		*Average—*		*Average—*	
Salary range, $3,000 to $3,600; average, $3,300—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Chief of bureau	2	$3,400	2	$3,400	2	$3,371
Member wage and grievance board	1	3,300	1	3,300	1	3,300
Assistant chief customs inspector and shipping commissioner	2	3,300	2	3,300	2	3,259
Office assistant	3	3,200	3	3,200	3	3,200
Chief of section	2	3,200	2	3,200	2	3,200
Assistant surveying officer	1	3,200	1	3,200	1	3,200
Roll keeper, supervisor	1	3,200	1	3,200	1	3,200
Inspector, complaints	1	3,200	1	3,200	1	3,200
Statistician	1	3,200	1	3,200	1	3,142
Clerk	2	3,200	2	3,200	2	3,200
Salary range, $2,700 to $3,300; average, $3,000—						
Special deputy shipping commissioner	1	3,000	1	3,000	1	3,000
Photographer	1	3,000	1	3,000	1	3,000
Roll keeper (relief)	1	3,000	1	3,000	1	3,000
Clerk	10	2,940	10	2,940	10	2,930
Statistician	1	2,800	1	2,800	1	2,720
Salary range, $2,400 to $3,000; average, $2,700—						
Inspector, labor	1	2,800	1	2,800	1	2,800
Deputy shipping commissioner	2	2,700	2	2,700	2	2,650
Boarding officer	4	2,650	4	2,650	4	2,625
Clerk	15	2,687	15	2,687	14	2,689
Librarian	1	2,600	1	2,600	1	2,525
Salary range, $2,100 to $2,700; average, $2,400—						
Translator	1	2,500	1	2,500	1	2,500
Deputy shipping commissioner	2	2,350	2	2,350	2	2,481
Clerk	15	2,367	15	2,367	16	2,365
Boarding officer	1	2,400	1	2,400	1	2,300
Salary range, $1,860 to $2,400; average, $2,100—						
Clerk	21	2,109	21	2,109	21	2,098
Photographer (relief)	0.2	2,100	0.2	2,100		
Assistant librarian	1	2,100	1	2,100	0.8	1,837
Cataloguer	1	1,980	1	1,980	1	1,845
Salary range, $1,680 to $2,040; average, $1,860—						
Clerk	3	1,780	3	1,780	3	1,740
Salary range, $1,500 to $1,860; average, $1,680—						
Clerk	1	1,620	1	1,620	0.3	1,620
Salary range, $1,320 to $1,680; average, $1,500—						
Library assistant	2	1,500	2	1,500	2	1,440
Clerk	2	1,440	2	1,440	2.4	1,342
Alien employees: Office helpers, foremen, messengers, photographer's helper, etc	35	710	35	710	35	709
		350,685		350,685		346,431
Differential reduction		21,853		21,853		21,853
Total average number of employees	150.4		150.4		149.5	
Total salaries and wages		328,832		328,832		324,578
Differential reduction includes Army pay as follows—						
Governor $6,430						
Engineer of maintenance 6,430						
Assistant engineer of maintenance 4,700		17,560		17,560		17,560
Actual differential		4,293		4,293		4,293
CLUBS AND PLAYGROUNDS						
Field service:						
Salaries and wages—						
Salary range, $3,800 to $5,000; average, $4,400—						
General secretary	1	3,900	1	3,900	1	3,900
Salary range, $3,000 to $3,600; average, $3,300—						
Business secretary	1	3,300	1	3,300	1	3,300
Clubhouse secretary	3	3,300	3	3,300	3	3,300
Salary range, $2,400 to $3,000; average, $2,700—						
Clubhouse secretary	2	2,750	2	2,750	2	2,750
Physical director	1	2,700	1	2,700	1	2,700
Swimming instructor	1	2,700	1	2,700	1	2,700
Assistant secretary	2	2,700	2	2,700	1	2,700
Salary range, $2,100 to $2,700; average, $2,400—						
Assistant secretary	2	2,400	2	2,400	1.4	2,400
Physical director and assistant secretary	2	2,300	2	2,300	2	2,150
Salary range, $1,860 to $2,400; average, $2,100—						
Clubhouse secretary (silver)	1	2,040	1	2,040	1	2,040
Clerk	1	2,040	1	2,040	1	2,040
Salary range, $1,680 to $2,040; average, $1,860—						
Foreman carpenter	1	1,944	1	1,944	1	1,944
Clubhouse secretary (silver)	1	1,860	1	1,860	1	1,860
Playground directress	3	1,860	3	1,860	2	1,860
Moving-picture operator	1	1,800	1	1,800	1	1,680
Salary range, $1,500 to $1,860; average, $1,680—						
Clerk	1	1,740	1	1,740	1	1,740
Clubhouse secretary (silver)	3	1,620	3	1,620	3	1,560
Cashier	2	1,560	2	1,560	2	1,560
Less allowance for subsistence		120		120		120
Cash payment		1,440		1,440		1,440

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

Maintenance and Operation, Panama Canal—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927		Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
	Average— No.	*Salary*	*Average—* No.	*Salary*	*Average—* No.	*Salary*		
CLUBS AND PLAYGROUNDS—continued								
Field service—Continued.								
Salaries and wages—Continued.								
Salary range, $1,320 to $1,680; average, $1,500—								
Cashier	1	$1,500	1	$1,500	1	$1,500		
Less allowance for subsistence		120		120		120		
Cash payment		1,380		1,380		1,380		
Saleswoman	1	1,380	1	1,380	1	1,380		
Less allowance for subsistence		120		120		120		
Cash payment		1,260		1,260		1,260		
Clerk	1	1,320	1	1,320				
Salary range, $1,140 to $1,500; average, $1,320—								
Cashier	1	1,200	1	1,200				
Assistant playground directress	3	1,200	3	1,200	1	1,200		
Cashier	2	1,200	2	1,200	2	1,200		
Less allowance for subsistence		120		120		120		
Cash payment		1,080		1,080		1,080		
Clerk					1	1,140		
Salary range, $1,020 to $1,260; average, $1,140—								
Cashier					1	1,140		
Less allowance for subsistence						120		
Cash payment						1,020		
Saleswomen	2	1,140	2	1,140	1	1,140		
Less allowance for subsistence		120		120		120		
Cash payment		1,020		1,020		1,020		
Assistant directress					2	1,020		
Salary range, $900 to $1,140; average, $1,020—								
Saleswomen					1	1,020		
Less allowance for subsistence						120		
Cash payment						900		
Assistant directress					1	900		
Clerk	1	900	1	900	1	900		
Salary range, $780 to $1,020; average, $900—								
Clerk	1	840	1	840	1	840		
Alien employees: Waiters, cooks, laborers, artisans, janitors, attendants, helpers, salesman, stewards, watchmen, etc	129	592	129	592	131	591		
		158,612		158,612		153,125		
Differential reduction		617		617		690		
Total average number of employees	171		171		171.4			
Total salaries and wages		157,995		157,995		152,435		
ACCOUNTING OFFICE								
Field service:								
Salaries and wages—								
Salary range, $7,500 and over—								
Auditor	1	8,200	1	8,200	1	8,200		
Salary range, $6,000 to $7,500; average, $6,750—								
Assistant auditor	1	6,000	1	6,000	1	6,000		
Salary range, $3,800 to $5,000; average, $4,400—								
Chief accountant	1	4,400	1	4,400	1	4,400		
Chief examiner	1	3,900	1	3,900	1	3,900		
Claim officer	1	3,900	1	3,900	1	3,900		
Railroad accountant	1	3,900	1	3,900	1	3,900		
Salary range, $3,300 to $3,900; average, $3,600—								
Assistant chief accountant	1	3,800	1	3,800	1	3,600		
Chief of section	1	3,400	1	3,400				
Salary range, $3,000 to $3,600; average, $3,300—								
Chief traveling inspector	1	3,300	1	3,300	1	3,300		
Chief of section	4	3,200	4	3,200	5	3,220		
Commissary accountant	1	3,300	1	3,300	1	3,300		
Accountant	1	3,200	1	3,200	1	3,200		
Office assistant	1	3,200	1	3,200	1	3,200		
Chief property inspector	1	3,200	1	3,200	1	3,200		
Chief time inspector	1	3,200	1	3,200	1	3,200		
Assistant railroad accountant	1	3,200	1	3,200	1	3,200		
Salary range, $2,700 to $3,300; average, $3,000—								
Senior time inspector	1	3,000	1	3,000	1	2,900		
Traveling inspector	3	2,900	3	2,900	3	2,900		
Accountant	14	2,900	14	2,900	12	2,900		
Clerk	3	2,900	3	2,900	3	2,900		
Salary range, $2,400 to $3,000; average, $2,700—								
Accountant	13	2,615	13	2,615	17	2,594		
Clerk	17	2,606	17	2,606	13	2,608		
Time inspector	3	2,633	3	2,633	2	2,650		
Salary range, $2,100 to $2,700; average, $2,400—								
Time inspector	1	2,400	1	2,400	2	2,300		
Accountant	4	2,275	4	2,275	1	2,300		
Clerk	16	2,306	16	2,306	18	2,311		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Maintenance and Operation, Panama Canal—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
ACCOUNTING OFFICE—continued						
Field service—Continued.						
Salaries and wages—Continued.	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $1,860 to $2,400; average, $2,100—						
Accountant					3	$2,100
Clerk	28	$2,032	28	$2,032	28	2,026
Operative	4	2,040	4	2,040	4	2,040
Salary range, $1,680 to $2,040; average, $1,860—						
Clerk	6	1,750	6	1,750	6	1,750
Operative	8	1,762	8	1,762	7	1,776
Salary range, $1,500 to $1,860; average, $1,680—						
Clerk	5	1,620	5	1,620	5.5	1,609
Salary range, $1,320 to $1,680; average, $1,500—						
Head operative	1	1,500	1	1,500	1	1,380
Clerk	1	1,380	1	1,380	1	1,380
Operative	1	1,380	1	1,380		
Coupon book inspector	3	1,380	3	1,380	4	1,380
Salary range, $1,140 to $1,500; average, $1,320—						
Clerk	3	1,280	3	1,280	2.5	1,272
Operative	11	1,293	11	1,293	11	1,287
Salary range, $1,020 to $1,260; average, $1,140—						
Operative	1	1,140	1	1,140	2	1,140
Salary range, $900 to $1,140; average, $1,020—						
Clerk	2	960	2	960	2	960
Operative	3	960	3	960	3	960
Alien employees: Office helpers, messengers	5	783	5	783	5	783
		402,562		402,562		399,082
Differential reduction		2,450		2,450		2,450
Total average number of employees	176		176		176	
Total salaries and wages		400,112		400,112		396,632
PAYMASTER						
Field service:						
Salaries and wages—						
Salary range, $6,000 to $7,500; average, $6,750—						
Paymaster	1	6,000	1	6,000	0.9	6,000
Salary range, $3,800 to $5,000; average, $4,400—						
Assistant paymaster	1	4,200	1	4,200	1	3,900
Salary range, $3,000 to $3,600; average, $3,300—						
Paying teller	2	3,300	2	3,300	2	3,300
Accountant	1	3,200	1	3,200	1	3,200
Salary range, $2,700 to $3,300; average, $3,000—						
Pay clerk	4	3,000	4	3,000	4	3,000
Salary range, $2,400 to $3,000; average, $2,700—						
Bookkeeper	1	2,800	1	2,800	1	2,800
Salary range, $2,100 to $2,700; average, $2,400—						
Clerk	1	2,300	1	2,300	1	2,300
Alien employees: Money counters	3	1,030	3	1,030	3	1,030
		40,190		40,190		39,290
Differential reduction		85		85		85
Total average number of employees	14		14		13.9	
Total salaries and wages		40,105		40,105		39,205
COLLECTOR						
Field service:						
Salaries and wages—						
Salary range, $6,000 to $7,500; average, $6,750—						
Collector	1	6,000	1	6,000	1	6,000
Salary range, $3,800 to $5,000; average, $4,400—						
Deputy collector (assistant)	1	4,200	1	4,200	1	3,900
Salary range, $3,000 to $3,600; average, $3,300—						
Deputy collector	2	3,300	2	3,300	2	3,300
Salary range, $2,700 to $3,300; average, $3,000—						
Deputy collector	1	2,900	1	2,900	1	2,900
Salary range, $2,400 to $3,000; average, $2,700—						
Deputy collector	8	2,675	8	2,675	8	2,675
Salary range, $2,100 to $2,700; average, $2,400—						
Clerk	1	2,300	1	2,300	1	2,300
Salary range, $1,680 to $2,040; average, $1,860—						
Clerk	2	1,800	2	1,800	1	1,790
Salary raoge, $1,500 to $1,860; average, $1,680—						
Clerk					0.8	1,620
Salary range, $1,140 to $1,500; average, $1,320—						
Clerk	1	1,320	1	1,320	1	1,320
		48,320		48,320		47,506
Differential reduction		413		413		413
Total average number of employees	17		17		16.8	
Total salaries and wages		47,907		47,907		47,093

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Maintenance and Operation, Panama Canal—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
OFFICE ENGINEER						
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $3,800 to $5,000; average, $4,400—						
Office engineer	1	$4,800	1	$4,800	1	$4,800
Assistant office engineer	1	4,200	1	4,200	1	4,200
Architect	1	4,200	1	4,200	1	4,200
Salary range, $3,300 to $3,900; average, $3,600—						
Engineer designer	1	3,600	1	3,600	1	3,540
Draftsman, architectural	1	3,600	1	3,600	1.2	3,583
Draftsman, engineering	1	3,500	1	3,500	1	3,500
Salary range, $3,000 to $3,600; average, $3,300—						
Engineer designer	0.5	3,300	0.5	3,300		
Draftsman, engineering	1.6	3,233	1.6	3,233	1	3,230
Draftsman, architectural	0.5	3,200	0.5	3,200	0.2	3,300
Engineer, junior	1	3,300	1	3,300	1	3,300
Salary range, $2,700 to $3,300; average, $3,000—						
Draftsman, architectural	1.5	3,000	1.5	3,000	1.6	3,006
Draftsman, engineering	4.5	2,955	4.5	2,955	3.8	3,002
Salary range, $2,400 to $3,000; average, $2,700—						
Draftsman, architectural					0.5	2,740
Draftsman, engineering					2.3	2,756
Clerk	1	2,700	1	2,700	1	2,700
Salary range, $2,100 to $2,700; average, $2,400—						
Draftsman, engineering	1	2,500	1	2,500	1	2,490
Clerk					0.4	2,400
Salary range, $1,500 to $1,860; average, $1,680—						
Copyist	1	1,680	1	1,680	1	1,602
Alien employees: Office helper, blue printer	3	750	3	750	2.5	780
		62,550		62,550		65,358
Differential reduction		403		403		403
Total average number of employees	21.6		21.6		22.5	
Total salaries and wages		62,147		62,147		64,955
METEOROLOGY AND HYDROGRAPHY						
Field service:						
Salaries and wages—						
Salary range, $3,800 to $5,000; average, $4,400—						
Chief of surveys	0.5	4,800	0.5	4,800	0.6	4,800
Salary range, $3,300 to $3,900; average, $3,600—						
Principal hydrographer	1	3,600	1	3,600	1	3,600
Salary range, $2,700 to $3,300; average, $3,000—						
Meteorologist	1	3,000	1	3,000	1	3,000
Salary range, $2,400 to $3,000; average, $2,700—						
Meteorologist	2	2,700	2	2,700	2	2,700
Hydrographer					0.3	2,800
Salary range, $2,100 to $2,700; average, $2,400—						
Hydrographer	1	2,400	1	2,400	1	2,400
Salary range, $1,860 to $2,400; average, $2,100—						
Observer	1	2,200	1	2,200	1	2,200
Salary range, $1,020 to $1,260; average, $1,140—						
Recorder	1.6	1,200	1.6	1,200	0.5	1,200
Alien employees: Foreman, office helpers, observers, boatmen, etc	14	576	14	576	14	549
		28,984		28,984		28,606
Differential reduction		118		118		118
Total average number of employees	22.1		22.1		21.4	
Total salaries and wages		28,866		28,866		28,488
SURVEYS						
Field service:						
Salaries and wages—						
Salary range, $3,800 to $5,000; average, $4,400—						
Chief of surveys	0.5	4,800	0.5	4,800	0.3	4,750
Salary range, $3,300 to $3,900; average, $3,600—						
Assistant engineer	1	3,900	1	3,900	0.8	3,900
Junior engineer					0.6	3,800
Salary range, $3,000 to $3,600; average, $3,300—						
Junior engineer	1	3,300	1	3,300	0.5	3,280
Salary range, $2,700 to $3,300; average, $3,000—						
Junior engineer	1	3,050	1	3,050	0.9	3,050
Salary range, $2,400 to $3,000; average, $2,700—						
Junior engineer	0.5	2,800	0.5	2,800	0.5	2,750
Surveyor	1	2,800	1	2,800	0.7	2,785
Salary range, $1,860 to $2,400; average, $2,100—						
Surveyor	1.1	2,010	1.1	2,010	0.8	2,042
Salary range, $1,500 to $1,860; average, $1,680—						
Surveyor	1	1,740	1	1,740	0.5	1,740
Salary range, $1,320 to $1,680; average, $1,500—						
Recorder	2	1,515	2	1,515	2.3	1,423
Salary range, $900 to $1,140; average, $1,020—						
Recorder	0.5	1,080	0.5	1,080	0.7	1,020
Alien employees: Foreman, chainman, cook, etc	25	640	25	640	25	570
		40,371		40,371		35,275
Differential reduction		196		196		196
Total average number employees	34.6		34.6		33.6	
Total salaries and wages		40,175		40,175		35,079

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, refereuces to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Maintenance and Operation, Panama Canal—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
CHIEF QUARTERMASTER'S OFFICE						
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
Salary range, $7,500 and over—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Chief quartermaster	1	$8,200	1	$8,200	1	$8,200
Salary range, $6,000 to $7,500, average, $6,750—						
Superintendent	1	6,000	1	6,000	1	6,000
Salary range, $3,800 to $5,000, average, $4,400—						
Superintendent (relief)	0.3	4,200	0.3	4,200	0.2	4,200
Salary range, $3,300 to $3,900, average, $3,600—						
Chief, purchase and sales	1	3,700	1	3,700	1	3,700
Chief clerk	1	3,600	1	3,600	1	3,600
Salary range, $2,400 to $3,000; average, $2,700—						
Clerk (relief)	0.2	2,900	0.2	2,900	0.2	2,900
Clerk	5	2,680	5	2,680	5	2,680
Salary range, $2,100 to $2,700; average, $2,400—						
Clerk (relief)	0.2	2,500	0.2	2,500	0.3	2,500
Clerk	2	2,200	2	2,200	2	2,200
Salary range, $1,860 to $2,400; average, $2,100—						
Clerk	1	2,040	1	2,040	1	2,040
Salary range, $1,500 to $1,860; average, $1,680—						
Clerk (relief)	0.5	1,620	0.5	1,620	0.5	1,620
Alien employees: Office helpers	2	930	2	930	1	930
		46,350		46,350		45,250
Differential reduction		50		50		50
Total average number of employees	15.2		15.2		14.2	
Total salaries and wages		46,300		46,300		45,200
DISTRICT QUARTERMASTER						
Field service:						
Salaries and wages—						
Salary range, $3,800 to $5,000; average, $4,400—						
District quartermaster	0.8	4,200	0.8	4,200	0.8	4,200
Salary range, $3,300 to $3,900; average, $3,600—						
District quartermaster	2	3,750	2	3,750	2	3,750
Salary range, $3,000 to $3,600; average, $3,300—						
Assistant quartermaster	3	3,200	3	3,200	3	3,200
Assistant quartermaster (relief)	0.2	3,200	0.2	3,200		
Salary range, $2,700 to $3,300; average, $3,000—						
Assistant quartermaster					0.4	3,000
Clerk	1	2,900	1	2,900	1	2,900
Salary range, $2,400 to $3,000; average, $2,700—						
Foreman	3	2,616	3	2,616	3	2,616
Salary range, $2,100 to $2,700; average, $2,400—						
Clerk	2	2,400	2	2,400	2	2,400
Salary range, $1,860 to $2,400; average, $2,100—						
Clerk (relief)	0.5	2,100	0.5	2,100	0.5	2,100
Foreman	1	2,076	1	2,076	1	2,076
Foreman (additional, account new Cristobal)	1	2,136				
Custodian	1	2,040	1	2,040	1	2,040
Salary range, $1,500 to $1,860; average, $1,680—						
Foreman	1	1,656	1	1,656	1	1,656
Salary range, $1,320 to $1,680; average, $1,500—						
Clerk	4.5	1,530	4.5	1,530	2.7	1,530
Telephone operator	1	1,560	1	1,560	1	1,560
Salary range, $1,140 to $1,500; average, $1,320—						
Clerk					1.3	1,350
Salary range, $1,020 to $1,260; average, $1,140—						
Matron	1	1,200	1	1,200	1	1,200
Alien employees: Office helper, foreman, janitor, watchman, messenger, artisan, gardener, scytheman, laborer, etc	325	558	325	558	324	558
		236,601		234,465		233,468
Differential reduction		312		312		312
Total average number of employees	348		347		345.7	
Total salaries and wages		236,289		234,153		233,156
The difference between 1929 and 1928 is due to increase in force, $2,136.						
QUARTERMASTER, GENERAL STORES (CONSOLIDATED)						
Field service:						
Salaries and wages—						
Salary range, $3,800 to $5,000; average, $4,400—						
General storekeeper	1	4,800	1	4,800	1	4,800
Salary range, $3,300 to $3,900; average, $3,600—						
Storekeeper	1	3,700	1	3,700	1	3,700
Chief clerk	1	3,500	1	3,500	1	3,500
Salary range, $3,000 to $3,600; average, $3,300—						
Storekeeper	1	3,300	1	3,300	1	3,300
General foreman	1	3,300	1	3,300	1	3,300
Clerk	2	3,250	2	3,250	2	3,250
Salary range, $2,700 to $3,300; average, $3,000—						
Foreman	10	2,948	10	2,948	9	2,948
Storekeeper	0.4	2,916	0.4	2,916	0.4	2,916

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Maintenance and Operation, Panama Canal—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
QUARTERMASTER GENERAL STORES (CONSOLIDATED)—continued						
Field service—Continued.						
Salaries and wages—Continued.	*Average—*		*Average—*		*Average—*	
Salary range, $2,400 to $3,000; average, $2,700—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Engineer	1	$2,750	1	$2,750	1	$2,750
Clerk	6	2,735	6	2,735	6	2,735
Foreman	1.5	2,556	1.5	2,556	1.9	2,556
Salary range, $2,100 to $2,700; average, $2,400—						
Storekeeper	1	2,400	1	2,400	1	2,300
Foreman	1	2,316	1	2,316	1	2,256
Salary range, $1,860 to $2,400; average, $2,100—						
Clerk	3	2,167	3	2,167	2	2,200
Foreman	3	2,136	3	2,136	2.8	2,136
Salary range, $1,680 to $2,040; average, $1,860—						
Foreman	1	1,956	1	1,956	1	1,956
Clerk	1	1,920	1	1,920	2	1,920
Salary range, $1,320 to $1,680; average, $1,500—						
Clerk (relief)	0.4	1,620	0.4	1,620		
Clerk	6	1,470	6	1,470	6	1,470
Alien employees: Storeman, foreman, watchman, messenger, artisan, office helper, etc	277	573	277	573	273	573
		268,430		268,430		262,797
Differential reduction		1,911		1,911		1,956
Total average number of employees	319.3		319.3		314.1	
Total salaries and wages		266,519		266,159		260,841
QUARTERMASTER, FUEL OIL PLANTS						
Field service:						
Salaries and wages—						
Salary range, $3,800 to $5,000; average, $4,400—						
Foreman	2	3,960	2	3,960	2	3,960
Foreman, relief	0.2	3,960	0.2	3,960	0.2.	3,960
Salary range, $2,400 to $3,000; average, $2,700—						
Engineer	11.9	2,957	11.9	2,957	11.9	2,957
Foreman	10	2,688	10	2,688	10	2,668
Salary range, $1,860 to $2,400; average, $2,100—						
Gauger	8	2,016	8	2,016	8	2,016
Overtime, total amount		3,791		3,791		4,300
Alien employees: Fireman, oiler, laborer	59	720	59	720	59	720
		133,179		133,179		133,688
Differential reduction		280		280		280
Total average number of employees	91.1		91.1		91.1	
Total salaries and wages		132,899		132,899		133,408
ANIMAL AND MOTOR TRANSPORTATION						
Field service:						
Salaries and wages—						
Salary range, $3,800 to $5,000; average, $4,400—						
Foreman, general [1]	0.5	4,800	0.5	4,800	0.5	4,800
Salary range, $3,300 to $3,900; average, $3,600—						
Foreman [1]	0.5	3,600	0.5	3,600	0.5	3,600
Salary range, $3,000 to $3,600; average, $3,300—						
Foreman	1	3,300	1	3,300	1	3,300
Salary range, $2,700 to $3,300; average, $3,000—						
Chauffeur	1	2,952	1	2,952	1	2,952
Clerk [1]	0.5	2,900	0.6	2,900	0.5	2,900
Salary range, $2,400 to $3,000; average, $2,700—						
Chauffeur	9	2,623	9	2,623	10	2,623
Salary range, $2,100 to $2,700; average, $2,400—						
Chauffeur	3	2,468	3	2,468	3	2,468
Salary range, $1,860 to $2,400; average, $2,100—						
Chauffeur	6.6	2,275	6.6	2,275	6.9	2,275
Salary range, $600 to $780; average, $690—						
Chauffeur	5.9	780	5.9	780	4.4	780
Alien employees: Chauffeur, foreman, helper, watchman, laborer, etc	140	648	140	648	156	648
		153,250		153,250		165,754
Differential reduction		548		548		548
Total average number of employees	168		168		183.8	
Total salaries and wages		152,702		152,702		165,206
MOTOR CAR REPAIR SHOP						
Field service:						
Salaries and wages—						
Salary range, $3,800 to $5,000; average, $4,400—						
General foreman [1]	0.5	4,800	0.5	4,800	0.5	4,800
Salary range, $3,300 to $3,900; average, $3,600—						
Foreman [1]	0.5	3,600	0.5	3,600	0.5	3,600
Salary range, $3,000 to $3,600; average, $3,300—						
Machinist					1	3,300

[1] These positions are chargeable one-half to "Animal and motor transportation" and one-half to "Motor car shop."

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Maintenance and Operation, Panama Canal—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
MOTOR CAR REPAIR SHOP—continued						
Field service—Continued.						
Salaries and wages—Continued.	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $2,700 to $3,300; average, $3,000—						
Clerk	0.5	$2,900	5.0	$2,900	0.5	$2,900
Wireman	1	2,925	1	2,925	1	2,925
Salary range, $2,400 to $3,000; average, $2,700—						
Machinist	13	2,725	13	2,725	13	2,725
Salary range, $2,100 to $2,700; average, $2,400—						
Machinist	2	2,425	2	2,425	1	2,425
Salary range, $1,680 to $2,040; average, $1,860—						
Apprentice	3	1,825	3	1,825	2	1,825
Salary range, $1,320 to $1,680; average, $1,500—						
Apprentice	1	1,425	1	1,425	2	1,425
Alien employees—						
Artisan, helper, laborer	48	660	48	660	48	660
		87,430		87,430		87,905
Differential reduction		315		315		315
Total average number of employees	69.5		69.5		69.5	
Total salaries and wages		87,115		87,115		87,590
QUARTERMASTER, CONSTRUCTING QUARTERMASTER						
Field Service:						
Salaries and wages—						
Salary range, $5,200 to $6,000; average, $5,600—						
Constructing quartermaster	1	5,400	1	5,400	1	5,400
Salary range, $3,800 to $5,000; average, $4,400—						
Foreman, plasterer	1	5,000	1	5,000	1	6,000
Plasterer, construction			6	4,850	5	4,850
Bricklayer			2	4,775	2	4,775
Foreman, general constructing	1	4,680	2	4,680	2	4,680
Tile setter	1	4,175	2	4,175	2	4,175
Plumber, constructing	2	4,150	4.8	4,150	3.7	4,150
Bricklayer, special	1	4,150	1	4,150	1	4,150
Foreman, general, plumber	1	4,140	1	4,140	1	4,140
Salary range, $3,300 to $3,900; average, $3,600—						
Foreman, carpenter, constructing	6	3,975	11	3,975	10	3,975
Foreman, painter, constructing	1	3,950	2	3,950	2	3,900
Foreman, general, constructing	1	3,780	1	3,780	1	3,780
Foreman, sheet metal, constructing	1	3,600	1	3,600	1	3,600
Salary range, $3,000 to $3,600; average, $3,300—						
Foreman, planing mill	1.2	3,375	1.2	3,375	1.2	3,375
Foreman, carpenter, maintenance	7	3,375	7	3,375	7	3,375
Foreman, painter, maintenance	2	3,350	2	3,350	2	3,350
Salary range, $2,700 to $3,300; average, $3,000—						
Plumber, maintenance	6	2,925	6	2,925	6	2,925
Sheet metal worker	1	2,925	2	2,925	2	2,925
Foreman	1	2,856	1	2,856	1	2,856
Salary range, $2,400 to $3,000; average, $2,700—						
Carpenter, maintenance	1	2,800	1	2,800	1	2,800
Planing mill hand	5	2,800	6.5	2,800	5	2,800
Foreman	4	2,646	4	2,646	3	2,656
Salary range, $2,100 to $2,700; average, $2,400—						
Planing mill hand	1	2,350	2	2,350	1	2,350
Sheet metal worker	1	2,325	1	2,325	1	2,325
Clerk	2	2,300	2	2,300	2	2,300
Salary range, $1,860 to $2,400; average, $2,100—						
Planing mill hand					1.1	2,200
Foreman					1	2,100
Alien employees: Artisans, foremen, helpers, laborers, boys	700	632	1,169	632	800	632
		607,790		996,623		745,279
Differential reduction		1,293		1,293		1,293
Total average number of employees	749.2		1,240.5		867	
Total salaries and wages		[1] 606,497		995,330		743,986
The difference between 1929 and 1928 is due to decrease in force, $388,833.						
QUARTERMASTER, PANAMA CANAL PRESS						
Field service:						
Salaries and wages—						
Salary range, $3,800 to $5,000; average, $4,400—						
Printer	1	4,500	1	4,500	1	4,500
Salary range, $3,300 to $3,900; average, $3,600—						
Machinist in charge	1	3,936	1	3,936	1	3,936
Foreman	2	3,600	2	3,600	2	3,600
Operator, monotype	1	3,588	1	3,588	1	3,588
Salary range, $3,000 to $3,600; average, $3,300—						
Operator, monotype	1	3,444	1	3,444	1	3,444
Foreman, composing	1	3,444	1	3,444	.4	3,444

[1] $275,000 deducted at end of recapitulation on account of personal services in 1929 included in permanent quarters, account 32, "Structures and parts."

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Maintenance and Operation, Panama Canal—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
QUARTERMASTER, PANAMA CANAL PRESS—continued						
Field service—Continued.						
Salaries and wages—Continued.	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $2,400 to $3,000; average, $2,700—						
Storekeeper	1	$2,800	1	$2,800	1	$2,800
Salary range, $1,020 to $1,260; average, $1,140—						
Watchman	1	1,200	1	1,200	1.1	1,200
Salary range, $780 to $1,020; average, $900—						
Apprentice	1	864	1	864	1	864
Alien employees: Office helpers, storeman, foremen, artisans, bookbinders, printers, laborers, watchmen, messengers	80	660	80	660	80	660
		83,776		83,776		81,830
Differential reduction		217		217		217
Total average number of employees	90		90		89.5	
Total salaries and wages		83,559		83,559		81,613
QUARTERMASTER, FARM BUREAU						
Field service:						
Salaries and wages—						
Salary range, $3,800 to $5,000; average, $4,400—						
Agronomist	1	4,600	1	4,600	1	4,600
Salary range, $2,100 to $2,700; average, $2,400—						
Foreman	1	2,436	1	2,436	0.5	2,436
Salary range, $1,680 to $2,040; average, $1,860—						
Foreman					0.5	1,836
Salary range, $1,140 to $1,500; average, $1,320—						
Nurseryman	1	1,380	1	1,380	0.1	1,320
Nurseryman					0.1	1,260
Salary range, $1,020 to $1,260; average, $1,140—						
Nurseryman					0.3	1,200
Alien employees: Office helpers, gardeners, laborers	13	588	13	588	13.7	588
		16,060		16,060		15,410
Differential reduction		61		61		61
Total average number of employees	16		16		16.2	
Total salaries and wages		15,999		15,999		15,349
QUARTERMASTER, HOTEL TIVOLI						
Field service:						
Salaries and wages—						
Salary range, $5,000 to $6,000; average, $5,500—						
Manager	1	5,100	1	5,100	1	5,100
Less allowance for quarters and subsistence		1,500		1,500		1,500
Cash payment		3,600		3,600		3,600
Salary range, $2,700 to $3,300; average, $3,000—						
Manager					0.4	4,500
Less allowance for quarters and subsistence						1,500
Cash payment						3,000
Salary range, $2,400 to $3,000; average, $2,700—						
Assistant manager	1	2,600	1	2,600	0.7	2,600
Assistant manager					0.9	2,500
Salary range, $2,100 to $2,700; average, $2,400—						
Hotel assistant	1	2,300	1	2,300	0.1	2,300
Hotel assistant	2	2,100	2	2,100		
Salary range, $1,860 to $2,400; average, $2,100—						
Hotel assistant	1	1,980	1	1,980	2	1,980
Salary range, $1,680 to $2,040; average, $1,860—						
Hotel assistant	1	1,800	1	1,800	0.2	1,800
Salary range, $1,320 to $1,680; average, $1,500—						
Hotel assistant					1	1,620
Salary range, $600 to $780; average, $690—						
Seamstress	1	720	1	720	1	720
Alien employees: Office helper, steward, checker, janitor, watchman, maid, baker, cook, waiter, etc.	102	444	102	444	99	446
		62,488		62,488		59,914
Differential reduction		125		125		125
Total average number of employees	110		110		106.3	
Total salaries and wages		62,363		62,363		59,789
MARINE SUPERINTENDENT						
Field service:						
Salaries and wages—						
Salary range $7,500 and over—						
Marine superintendent	1	8,200	1	8,200	1	8,200
Salary range, $3,800 to $5,000; average, $4,400—						
Supervisor harbor craft	1	4,800	1	4,800	1	4,800
Salary range, $3,300 to $3,900; average, $3,600—						
Inspector hulls and boilers	1	3,780	1	3,780	1	3,780
Relief inspector hulls and boilers	0.2	3,780	0.2	3,780	0.1	3,780
Salary range, $3,000 to $3,600; average, $3,300—						
Office assistant	1	3,300	1	3,300	1	3,300

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Maintenance and Operation, Panama Canal—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
MARINE SUPERINTENDENT—continued			
Field service—Continued.			
Salaries and wages—Continued.	*Average—*	*Average—*	*Average—*
	No. *Salary*	*No.* *Salary*	*No.* *Salary*
Salary range, $2,700 to $3,300; average, $3,000—			
Relief roll keeper	0.2 $3,000	0.2 $3,000	0.1 $3,000
Salary range, $2,400 to $3,000; average, $2,700—			
Roll keeper	1 2,800	1 2,800	1 2,800
	24,236	24,236	23,558
Differential reduction	12,236	12,236	12,342
Total average number of employees	5.4	5.4	5.2
Total salaries and wages	12,000	12,000	11,216
Differential reduction consists of Navy pay as follows—			
Marine superintendent	7,200	7,200	7,200
Supervisor harbor craft	4,800	4,800	4,800
Actual differential	236	236	342
PORT CAPTAIN, BALBOA (MARINE DIVISION)			
Field service:			
Salaries and wages—			
Salary range, $6,000 to $7,500; average, $6,750—			
Port captain	1 6,600	1 6,600	1 6,600
Salary range, $5,000 to $6,000; average, $5,500—			
Assistant port captain	1 5,100	1 5,100	1 5,100
Salary range, $3,800 to $5,000; average, $4,400—			
Pilot	27.5 4,800	26 4,800	21.7 4,800
Harbor master	1 4,500	1 4,500	1 4,500
Chief admeasurer	1 4,200	1 4,200	1 4,200
Salary range, $3,000 to $3,900; average, $3,600—			
Pilot, probationary	3.5 3,900	3.5 3,900	3.5 3,900
Admeasurer	3 3,800	3 3,800	3 3,800
Master, tug, senior	2 3,600	2 3,600	2 3,600
Master, tug	6 3,540	6 3,540	6 3,540
Engineer, tug, chief	2 3,540	2 3,540	2 3,540
Engineer, tug	6.5 3,480	6.5 3,480	6.7 3,480
Salary range, $3,000 to $3,600; average, $3,300—			
Chief clerk	1 3,300	1 3,300	1 3,300
Assistant barbor master	1 3,300	1 3,300	1 3,300
Chief dispatcher	1 3,100	1 3,100	1 3,100
Fleet machinist	1 3,096	1 3,096	1 3,096
Salary rauge, $2,700 to $3,300; average, $3,000—			
Pilot (in training)		1.5 3,000	2.7 3,000
Machinist	1 2,928	1 2,928	1 2,928
Dispatcher	5 2,900	5 2,900	5 2,900
Salary range, $2,400 to $3,000; average, $2,700—			
Clerk	1 2,800	1 2,800	1 2,800
Salary range, $2,100 to $2,700; average, $2,400—			
Foreman, dock	1 2,400	1 2,400	1 2,400
Clerk	1 2,300	1 2,300	1 2,300
Salary range, $1,860 to $2,400; average, $2,100—			
Clerk	1 2,100	1 2,100	1 2,100
Coxswain engineer	5 2,100	5 2,100	3.8 2,100
Salary range, $1,680 to $2,040; average, $1,860—			
Coxswain engineer			1.3 1,740
Signal man	6 1,860	6 1,860	6 1,860
Deduct allowance for quarters	120	120	120
Cash payment	1,740	1,740	1,740
Signal man	7 1,740	7 1,740	7 1,740
Salary range, $1,320 to $1,680; average, $1,500—			
Clerk	1 1,380	1 1,380	0.3 1,380
Salary range, $240 to $420; average, $330—			
Signal man	7 300	7 300	7 300
Alien employees: Blacksmith, boatswain, cook, oiler, seaman, laborer, etc	359 725	359 725	359 725
	572,289	569,589	552,021
Differential reduction	8,276	8,276	9,200
Total average number of employees	453.5	453.5	450
Total salaries and wages	564,013	561,313	542,821
Differential reduction includes Navy pay of—			
Port captain, all Navy pay	6,600	6,600	6,600
Tug master, 12 months, at $81.73 per month	981	981	981
Army pay of—			
Clerk, 12 months, at $77 per month			924
Total	7,581	7,581	8,505
Actual differential	695	695	695
The difference between 1929 and 1928 is due to increase in salaries, $2,700.			

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

Maintenance and Operation, Panama Canal—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927		Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
	Average— *No.*	*Salary*	*Average—* *No.*	*Salary*	*Average—* *No.*	*Salary*		
PORT CAPTAIN, CRISTOBAL (MARINE DIVISION)								
Field service—Continued.								
Salaries and wages—Continued.								
Salary range, $6,000 to $7,500; average, $6,750—								
Port captain	1	$6,600	1	$6,600	1	$6,660		
Salary range, $5,000 to $6,000; average, $5,500—								
Assistant port captain	1	5,100	1	5,100	1	5,100		
Salary range, $3,800 to $5,000; average, $4,400—								
Pilot	29.5	4,800	28	4,800	26	4,800		
Harbor master	1	4,500	1	4,500	1	4,500		
Chief admeasurer	1	4,200	1	4,200	1	4,200		
Pilot, probationary	4.5	3,900	4.5	3,900	3.2	3,900		
Salary range, $3,300 to $3,900; average, $3,600—								
Admeasurer	4	3,800	4	3,800	4	3,800		
Master, senior	2	3,600	2	3,600	2	3,600		
Engineer, senior	2	3,540	2	3,540	2	3,540		
Master, tug	6	3,540	6	3,540	6	3,540		
Engineer, junior	7	3,480	7	3,480	7	3,486		
Salary range, $3,000 to $3,600; average, $3,300—								
Chief clerk	1	3,300	1	3,300	1	3,300		
Chief dispatcher	1	3,100	1	3,100	1	3,100		
Salary range, $2,700 to $3,300; average, $3,000—								
Pilot (in training)	1	3,000	2.5	3,000	2	3,000		
Master, supply boat	1	2,952	1	2,952	1	2,952		
Machinist, fleet	1	2,928	1	2,928	1.1	2,928		
Dispatcher	4	2,900	4	2,900	4	2,900		
Salary range, $2,400 to $3,000; average, $2,700—								
Engineer, supply boat	1	2,892	1	2,892	1	2,892		
Assistant supervisor	1	2,822	1	2,822	1	2,822		
Clerk	1	2,800	1	2,800	1	2,800		
Salary range, $2,100 to $2,400; average, $2,400—								
Clerk	2	2,300	2	2,300	2	2,300		
Salary range, $1,680 to $2,040; average, $1,860—								
Foreman	1	1,836	1	1,836	0.6	1,836		
Alien employees: Office helpers, signalmen, janitor, motor-boat operators, artisans, seamen, cooks, firemen, wipers, oilers, etc	117	794	117	794	117	794		
Deck hands, $3.50 per trip	153	750	153	750	150	750		
		504,108		501,408		482,546		
Differential reduction		7,247		7,247		7,247		
Total average number of employees	344		344		336.9			
Total salaries and wages		496,861		494,161		475,299		
Differential reduction includes $6,600, port captain salary, Navy pay		6,600		6,600		6,600		
Actual differential reduction		647		647		647		
The difference between 1929 and 1928 is due to increase in salaries, $2,700.								
LIGHTHOUSE SUBDIVISION (MARINE DIVISION)								
Field service:								
Salaries and wages—								
Salary range, $5,000 to $6,000; average, $5,500—								
Pilot in charge	1	5,100	1	5,100	1	5,100		
Salary range, $3,300 to $3,900; average, $3,600—								
Assistant superintendent	1	3,600	1	3,600	1	3,600		
Master, towboat	1.1	3,600	1.1	3,600	1	3,600		
Engineer, marine	1.1	3,530	1.1	3,530	1.2	3,530		
Salary range, $3,000 to $3,600; average, $3,300—								
Electrical assistant	2	3,384	2	3,384	2	3,384		
Machinist, leading man	1	3,300	1	3,300	1	3,300		
Salary range, $2,700 to $3,300; average, $3,000—								
Electrician	1.1	3,144	1.1	3,144	1.1	3,144		
Clerk	1.1	3,000	1.1	3,000	1	3,000		
Ironworker	1.1	2,928	1.1	2,928	1	2,928		
Machinist	2	2,928	2	2,928	2.5	2,928		
Salary range, $2,400 to $3,000; average, $2,700—								
Boatbuilder	1.1	2,796	1.1	2,796	1.3	2,796		
Salary range, $1,660 to $2,400; average, $2,100—								
Engineer, coxswain	1	2,100	1	2,040	0.1	1,980		
Salary range, $1,680 to $2,040; average, $1,860—								
Engineer, coxswain	1	1,920	1	1,920	1.4	1,920		
Salary range, $1,500 to $1,860; average, $1,680—								
Clerk	1	1,680						
Engineer, coxswain					0.3	1,548		
Salary range, $1,320 to $1,680; average, $1,500—								
Boatswain	1	1,440	1	1,440	0.7	1,440		
Salary range, $1,140 to $1,500; average, $1,320—								
Clerk			1	1,400	1	1,305		
Salary range, $900 to $1,140; average, $1,020—								
Lighthouse keeper	1	984	1	984	1	984		
Alien employees: Artisan attendant, carpenter, chauffeur, cook, fireman, assistant keeper, laborer, messenger, office helper, oiler, operator (motor boat), seaman, storeman	64	700	92	700	81	685		
		98,446		117,706		109,078		
Differential reduction		418		418		418		
Total average number of employees	82.6		110.6		99.6			
Total salaries and wages		98,028		117,288		108,660		
The difference between 1929 and 1928 is due to—								
Decrease in force	$19,600							
Increase in salaries	340							
Net decrease	19,260							

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Maintenance and Operation, Panama Canal—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average— *No.*	*Salary*	*Average—* *No.*	*Salary*	*Average—* *No.*	*Salary*
SALVAGE SECTION						
Field service—Continued.						
Salaries and wages—Continued.						
Salary range, $3,800 to $5,000; average, $4,400—						
Master	1	$4,068	1	$4,068	0.8	$4,068
Salary range, $3,300 to $3,900; average, $3,600—						
Marine engineer	1	3,768	1	3,768	1	3,768
Salary range, $3,000 to $3,600; average, $3,300—						
Machinist-craneman					0.7	3,264
Mate diver	1	3,240	1	3,240	1	3,240
Salary range, $2,400 to $3,000; average, $2,700—						
Marine engineer	1	2,808	1	2,808	0.8	2,808
Salary range, $2,100 to $2,700; average, $2,400—						
Marine engineer	1	2,508	1	2,508	1	2,508
Second mate	1	2,508	1	2,508	1	2,508
Salary range, $1,860 to $2,400; average, $2,100—						
Radio operator	1.2	2,100	1.2	2,100	1	2,100
Salary range, $1,680 to $2,040; average, $1,860—						
Marine engineer	1	1,800	1	1,800	0.3	1,800
Third mate	1	1,800	1	1,800	0.9	1,800
Alien employees: Boatswain, carpenter, cook, fireman, foreman, laborer, oiler, seaman, steward, waiter	35	771	35	771	34	763
		52,005		52,005		50,012
Differential reduction		373		373		373
Total average number of employees	44.2		44.2		42.5	
Total salaries and wages		51,632		51,632		49,639
PACIFIC LOCKS						
Field service:						
Salaries and wages—						
Salary range, $3,800 to $5,000; average, $4,400—						
Superintendent	1	5,100	1	5,100	1	4,925
Assistant superintendent	1	4,500	1	4,500	1	4,356
Supervisor	4	4,140	4	4,140	0.4	4,140
Salary range, $3,300 to $3,900; average, $3,600—						
Supervisor					3.6	4,032
Lockmaster, senior	4	3,756	4	3,756	4	3,756
Lockmaster, junior	3	3,636	3	3,636	3	3,636
Foreman, painter	1	3,636	1	3,636	1	3,636
Operator, lock control, senior	2	3,636	2	3,636	2	3,636
Operator, lock control, junior	12	3,516	12	3,516	12	3,516
Salary range, $3,000 to $3,600; average, $3,300—						
Operator, tunnel	14	3,396	14	3,396	14	3,396
Operator, locomotive	4	3,396	4	3,396	4	3,396
Foreman, carpenter	1	3,372	1	3,372	1	3,318
Clerk	1	3,200	1	3,200	1	3,200
Salary range, $2,700 to $3,300; average, $3,000—						
Operator, locomotive	81	3,144	80	3,144	70	3,144
Foreman, property	1	2,976	1	2,976	1	2,976
Wireman					1	2,925
Foreman, utility	2	2,880	2	2,880	2	2,880
Salary range, $2,400 to $3,000; average, $2,700—						
Machinist	1	2,725	2.3	2,725	3.5	2,725
Salary range, $2,100 to $2,700; average, $2,400—						
Clerk	2	2,500	2	2,500	2	2,500
Alien employees: Artisan, office helper, laborer, lockman, operator, messenger, etc	352	680	359	680	352	680
Extra force for locks overhaul, for a period of 150 days—						
68 gold employees	28.3	2,833				
300 alien employees	125	660				
		754,051		688,536		657,769
Differential reduction		2,195		2,195		2,195
Total average number of employees	640.3		494.3		479.5	
Total salaries and wages		751,856		686,341		655,574
The difference between 1929 and 1928 is due to increase in force, $157,515.						
ATLANTIC LOCKS						
Field service:						
Salaries and wages—						
Salary range, $5,000 to $6,000; average, $5,500—						
Superintendent	1	5,100	1	5,100	1	4,925
Salary range, $3,800 to $5,000, average, $4,400—						
Assistant superintendent	1	4,500	1	4,500	1	4,360
Supervisor	2	4,140	2	4,140	2	4,035
Salary range, $3,300 to $3,900; average, $3,600—						
General lock foreman	1	3,756	1	3,756	1	3,756
Lockmaster, senior	2	3,756	2	3,756	2	3,756
Lockmaster, junior	4	3,636	4	3,636	4	3,636
Operator, lock control, senior	1	3,636	1	3,636	1	3,636
Operator, lock control, junior	6	3,516	6	3,516	6	3,516
Salary range, $3,000 to $3,600; average, $3,300—						
Operator, locomotive, senior	2	3,396	2	3,396	2.1	3,396
Operator, tunnel	6	3,396	6	3,396	7.2	3,396
Foreman, painter	1	3,396	1	3,396	1	3,396
Clerk	1	3,200	1	3,200	1	3,200
Salary range, $2,700 to $3,300; average, $3,000—						
Operator, locomotive	44	3,141	44	3,144	44	3,144

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

Maintenance and Operation, Panama Canal—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
ATLANTIC LOCKS—continued					
Field service—Continued.					
Salaries and wages—Continued.	*Average—* No. Salary	*Average—* No. Salary	*Average—* No. Salary		
Salary range, $2,400 to $3,000; average, $2,700— Clerk	1 $2,600	1 $2,600	1 $2,600		
Salary range, $2,100 to $2,700; average, $2,400— Clerk	1 2,400	1 2,400	1 2,400		
Salary range, $1,860 to $2,400; average, $2,100— Clerk (relief)			0.4 2,100		
Salary range, $1,680 to $2,040; average, $1,860— Clerk (relief)	0.5 1,800	0.5 1,800			
Salary range, $1,320 to $1,680; average, $1,500— Operator, telephone	2 1,560	2 1,560	2 1,560		
Alien employees: Office helper, operator, foreman, artisan, boatman, lockman, storeman	215 678	215 678	193 671		
Extra force for lock overhaul:					
Gold labor			27.2 2,843		
Silver labor			168 660		
	395,314	395,314	571,086		
Differential reduction	333	333	333		
Total average number of employees	291.5	291.5	465.9		
Total salaries and wages	391,981	391,981	570,753		
GATUN DAM					
Field service:					
Salaries and wages—					
Salary range, $3,300 to $3,900; average, $3,600— General foreman	1 3,600	1 3,600	1 3,600		
Salary range, $2,700 to $3,300; average, $3,000— Foreman, utility	2 2,820	2 2,820	2 2,820		
Alien employees: Office helper, foreman, watchman, stableman, fireman, trainman, artisan, scytheman, laborer, boy	71 516	71 516	59 513		
	45,876	45,876	39,507		
Differential reduction	210	210	210		
Total average number of employees	74	74	62		
Total salaries and wages	45,666	45,666	39,297		
DREDGING DIVISION					
Field service:					
Salaries and wages—					
Salary range, $6,000 to $7,500; average, $6,750— Superintendent	1 6,600	1 6,600	1 6,600		
Salary range, $5,000 to $6,000; average, $5,500— Assistant superintendent	1 5,000	1 5,000	1 5,000		
Salary range, $3,800 to $5,000; average, $4,400— Assistant supervisor	1 4,500	1 4,500	1 4,500		
Deduct subsistence allowance	360	360	360		
Actual pay	4,140	4,140	4,140		
Supervisor	1 4,320	1 4,320	1 4,248		
Supervisor and master	1 4,320	1 4,320	1 4,248		
Assistant supervisor	1.5 4,140	1.5 4,140	1.9 3,974		
Master	5 4,120	5 4,120	4.2 4,120		
Deduct subsistence allowance	360	360	360		
Actual pay	3,760	3,760	3,760		
General foreman	1 3,960	1 3,960	1 3,960		
Deduct subsistence allowance	120	120	120		
Actual pay	3,840	3,840	3,840		
Engineer	3 4,140	3 4,140	3.1 4,140		
Deduct subsistence allowance	360	360	360		
Actual pay	3,780	3,780	3,780		
Operator, dipper dredge	8 4,080	8 4,080	7.5 4,080		
Deduct subsistence allowance	360	360	360		
Actual pay	3,720	3,720	3,720		
Master and supervisor	1 4,080	1 4,080	0.3 4,080		
Deduct subsistence allowance	360	360	360		
Actual pay	3,720	3,720	3,720		
Salary range, $3,300 to $3,900; average, $3,600— Engineer, marine	28 3,729	31.5 3,721	31.2 3,734		
Deduct subsistence allowance	304	297	290		
Actual pay	3,425	3,424	3,444		
Clerk	1 3,600	1 3,600	1 3,600		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Maintenance and Operation, Panama Canal—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
DREDGING DIVISION—continued						
Field service—Continued.						
Salaries and wages—Continued.	*Average—*		*Average—*		*Average—*	
Salary range, $3,300 to $3,900; average, $3,600—Con.	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Master and supervisor					0.7	$3,600
Master	19	$3,785	20	$3,785	19.5	3,785
Deduct subsistence allowance		240		240		240
Actual pay		3,545		3,545		3,545
Mate	10	3,785	11.5	3,762	9.9	3,807
Deduct subsistence allowance		360		360		360
Actual pay		3,425		3,402		3,447
Operator	4	3,792	6	3,792	4.8	3,792
Deduct subsistence allowance		360		360		360
Actual pay		3,432		3,432		3,432
Operator and master	1	3,564	1	3,564	1	3,564
Deduct subsistence allowance		360		360		360
Actual pay		3,204		3,204		3,204
Salary range, $3,000 to $3,600; average, $3,300—						
Junior engineer	0.5	3,400	0.5	3,400	0.2	3,400
Engineer, marine					1.6	3,248
Foreman	5	3,314	5	3,314	3	3,285
Deduct subsistence allowance		90		90		120
Actual pay		3,224		3,224		3,165
Operator, suction dredge					2.8	3 324
Boiler maker, special	1	3,240	1	3,240	1	3.240
Operator, drag-line excavator	1	3,168	1	3,168	0.3	3,168
Mate	2	3,264	2	3,264	4.7	3,264
Deduct subsistence allowance		120		120		120
Actual pay		3,144		3,144		3,144
Engineer, steam-floating crane	3	3,336	3	3,336	1.9	3,336
Deduct subsistence allowance		360		360		360
Actual pay		2,976		2,976		2,976
Wireman	1	3,285	1	3,285	1.2	3,285
Deduct subsistence allowance		360		360		360
Actual pay		2,925		2,925		2,925
Salary range, $2,700 to $3,300; average, $3,000—						
Clerk	1	3,100	1	3,100	1	3,030
Junior engineer					0.3	3,100
Engineer					2.2	3,084
Mate					0.7	3,036
Blacksmith	4	3,000	4	3,000	4.3	2,991
Junior engineer, surveyor	1	3,000	1	3,000	0.2	3,000
Operator, machinist	3	2,928	3	3,928	1.8	2,928
Pipe fitter	1	2,925	1	2,925	1	2,925
Sheet metal worker	1	2,925	1	2,925	1	2,925
Blaster	4	3,036	4	3,036	4.5	2,996
Deduct subsistence allowance		120		120		120
Actual pay		2,916		2,916		2,876
Engineer, steam	8	3,036	8	3,036	7.1	3,023
Deduct subsistence allowance		120		120		120
Actual pay		2,916		2.916		2,903
Drill runner	14	2,916	14	2,916	10.8	2,916
Deduct subsistence allowance		120		120		120
Actual pay		2,796		2,796		2,796
Helper and steam engineer	1	2,990	1	2,990	0.7	2,990
Deduct subsistence allowance		240		240		240
Actual pay		2,750		2,750		2,750
Foreman	3	2,956	2.3	2,968	3.4	2,939
Deduct subsistence allowance		240		203		127
Actual pay		2,716		2,765		2,812

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

Maintenance and Operation, Panama Canal—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927		Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
DREDGING DIVISION—continued								
Field service—Continued.								
Salaries and wages—Continued.	*Average—*		*Average—*		*Average—*			
Salary range, $2,400 to $3,000; average, $2,700—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*		
Carpenter, Fleet	1	$2,800	1	$2,800	1.5	$2,800		
Clerk	4	2,700	4	2,700	3	2,733		
Engineer, steam	1	2,748	1	2,748	0.9	2,748		
Foreman	2	2,676	2	2,676	3.1	2,603		
Boilermaker	2	2,725	2	2,725	2	2,725		
Boilermaker and shipfitter					1	2,725		
Machinist	7	2,703	6	2,725	6.4	2,716		
Junior engineer, surveyor					0.5	2,700		
Shipwright	1	2,700	1	2,700	0.5	2,700		
Surveyor	1	2,700	1	2,700	0.7	2,686		
Pumpman	3	2,688	2.3	2,688	2.8	2,688		
Drill runner					3.5	2,676		
Salary range, $2,100 to $2,700; average, $2,400—								
Clerk					1	2,500		
Surveyor	1	2,400			0.5	2,420		
Pumpman	1	2,496	1	2,496	0.9	2,483		
Foreman	1	2,256			0.5	2,378		
Salary range, $1,860 to $2,400; average, $2,100—								
Engineer, steam, drill barge					0.3	2,100		
Clerk	1	2,040	1	2,040	0.9	2,040		
Dump inspector	2	2,100	2.5	2,100	2.3	2,100		
Deduct subsistence allowance		360		360		360		
Actual pay		1,740		1,740		1,740		
Salary range, $1,680 to $2,040; average, $1,860—								
Foreman	1	1,896	2	1,926	1.2	1,911		
Coxswain, engineer	1	1,920	1	1,920				
Surveyor	1	1,920	1	1,920	0.2	1,920		
Salary range, $1,500 to $1,860; average, $1,680—								
Clerk					0.1	1,680		
Salary range, $1,320 to $1,680; average, $1,500—								
Recorder	1	1,500	1	1,500	0.7	1,500		
Apprentice, machinist	1	1,425	1	1,425	0.3	1,425		
Salary range, $1,020 to $1,260; average, $1,140—								
Recorder, student	1	1,080	1	1,080	0.5	1,056		
Salary range, $900 to $1,140; average, $1,020—								
Watchman	1	1,020	1	1,020	0.8	998		
Recorder, student					0.6	960		
Salary range, $780 to $1,020; average, $900—								
Apprentice, machinist					0.8	950		
Recorder, student					0.1	900		
Alien employees: Officer helper, foreman, storeman, watchman, engineer, artisan, blacksmith, boatswain, chainman, cook, fireman, helper, laborer, leadsman, nozzleman, oiler, operator, seaman, waiter, water tender, winchman, wiper, etc	815	665	833	665	921	666		
		1,101,167		1,132,304		1,198,188		
Differential reduction		2,363		2,363		2,363		
Total average number of employees	992		1,015.1		1,105.4			
Total salaries and wages		1,098,804		1,129,941		1,195,825		
The difference between 1929 and 1928 is due to—								
Decrease in force	$31,070							
Decrease in salaries	67							
Net decrease	31,137							
ELECTRICAL DIVISION								
Field Service:								
Salaries and wages—								
Salary range, $5,000 to $6,000; average, $5,500—								
Electrical engineer	1	5,600	1	5,600	1	5,600		
Salary range, $3,800 to $5,000; average, $4,400—								
Superintendent	2	4,800	2	4,800	2	4,780		
Supervisor	6	4,170	6	4,170	6.1	4,054		
Station engineer	2	4,140	2	4,140	2	4,041		
Foreman, construction	1	4,140	1	4,140	1.5	4,020		
Steam fitter					0.9	4,058		
Wireman, construction	8	3,975	8	3,975	7.3	3,961		
Cable splicer					0.8	3,988		
Salary range, $3,300 to $3,900; average, $3,600—								
Wireman, construction					3.7	3,842		
Foreman, armature shop	1	3,780	1	3,780	1	3,650		
Wireman, district, construction	0.3	3,768	0.3	3,768	0.3	3,768		
Operator, chief switchboard	2	3,756	2	3,756	2	3,756		
Dispatcher, power	3.3	3,636	3.3	3,636	3.3	3,636		
Foreman, general	2	3,636	2	3,636	2	3,636		
Electrical recorder	1	3,600	1	3,600	1	3,600		
Foreman, maintenance	1	3,516	1	3,516	0.7	3,516		
Wireman, chief	1	3,516	1	3,516	1	3,516		
Wireman, leadingman	1.3	3,500	1.3	3,500	0.5	3,500		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Maintenance and Operation, Panama Canal—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
ELECTRICAL DIVISION—continued						
Field service—Continued.						
Salaries and wages—Continued.	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $3,000 to $3,600; average, $3,300—						
Wireman, leadingman					0.9	$3,400
Wireman, chief	1	$3,396	1	$3,396	1	3,396
Operator, general	7	3,396	7	3,396	7	3,396
Junior engineer	1	3,300	1	3,300		
Supervisor, signal					0.3	3,300
Linemen, high tension transmission	1	3,204	1	3,204	1	3,204
Engineer, junior assistant	1	3,200	1	3,200	0.9	3,200
Salary, $2,700 to $3,300; average, $3,000—						
Operator, switchboard	18	3,075	18	3,075	18	3,075
Operator, wireman	1	3,144	1	3,144	1	3,144
Machinist-engineer	2	3,144	2	3,144	3	3,144
Engineer, steam	3	3,144	3	3,144	3	3,144
Telephone maintainer	2	3,144	2	3,144	2	3,144
Switchman, telephone	4	3,144	4	3,144	4	3,144
Wire men, district, maintenance	6	3,144	6	3,144	5.8	3,144
Battery repair man	1	3,144	1	3,144	0.9	3,144
Instrument repair man	1	3,120	1	3,120	1	3,120
Engineer, junior assistant					0.1	3,100
Foreman, material	1	2,088	1	2,088	1	2,088
Wireman	15	2,924	15	2,924	14	2,924
Cable splicer	4	2,925	4	2,925	3	2,925
Steam fitter					0.1	2,925
Armature winder	5	2,925	5	2,925	5	2,925
Electrical machinist	2	2,925	2	2,925	2	2,925
Meter inspector	2	2,916	2	2,916	1	2,916
Telephone maintainer	3	2,916	3	2,916	2.6	2,916
Automatic-telephone installer	2	2,916	2	2,916	1	2,916
Clerk	1	2,900	1	2,900	1	2,900
Signal maintainer and relay repair man	1	2,892	1	2,892	0.1	2,892
Salary range, $2,400 to $3,000; average, $2,700—						
Clerk	4	2,725	4	2,725	4	2,725
Wireman					0.1	2,775
Machinist					1.9	2,725
Signal maintainer	2	2,712	2	2,712	2.2	2,677
Automatic-telephone installer	1	2,616	1	2,616	1	2,616
Engineer, junior assistant	1	2,600	1	2,600	0.9	2,600
Salary range, $2,100 to $2,700; average, $2,400—						
Signal maintainer					0.5	2,496
Engineer, junior assistant					0.1	2,500
Cable splicer					0.3	2,325
Meter inspector					0.8	2,472
Clerk	1	2,400	1	2,400		
Salary range, $1,860 to $2,400; average, $2,100—						
Clerk	3	2,167	3	2,167	2	2,150
Cable splicer	1	2,175	1	2,175	0.5	2,175
Apprentice	1	2,100	1	2,100		
Assistant signal maintainer	1	2,022	1	2,022		
Salary range, $1,680 to $2,040; average, $1,860—						
Assistant signal maintainer	0.8	1,828	0.8	1,828	0.3	1,872
Helper					0.3	1,850
Apprentice					0.4	1,825
Salary range, $1,500 to $1,860; average, $1,680—						
Assistant signal maintainer	0.3	1,728	0.3	1,728	0.8	1,694
Operator, telephone	14	1,740	14	1,740	12.5	1,740
Helper	4	1,700	4	1,700	4	1,663
Apprentice	1	1,625	1	1,625	0.6	1,625
Salary range, $1,320 to $1,680; average, $1,500—						
Apprentice	3	1,500	3	1,500	0.3	1,500
Salary range, $1,020 to $1,260; average, $1,140—						
Apprentice					1.5	1,100
Salary range, $600 to $780; average, $690—						
Apprentice					3	775
Alien employees: Artisan, boy, chauffeur, fireman, foreman, helper, oiler, telephone operator	185	635	185	635	182	634
Gold labor, additional for overtime		4,000		4,000		3,687
		589,099		589,099		587,797
Differential reduction		6,760		6,760		6,760
Total average number of employees	341		341		337.8	
Total salaries and wages		582,339		582,339		581,037
MUNICIPAL ENGINEERING DIVISION						
Field service:						
Salaries and wages—						
Salary range, $5,000 to $6,000; average, $5,500—						
Municipal engineer	1	5,400	1	5,400	1	5,400
Salary range, $3,800 to $5,000; average, $4,400—						
Director of water purification					0.9	4,800
Chief chemist	1	4,800	1	4,800	1	4,400
Superintendent	1	4,800	1	4,800	0.9	4,740
Assistant engineer	1	4,000	1	4,000	0.4	3,980
Salary range, $3,300 to $3,900; average, $3,600—						
Chemist	1	3,600	1	3,600		
Assistant engineer	1	3,800	1	3,800	1.6	3,800
General foreman	6	3,780	6	3,780	6.8	3,666
Steam-shovel engineer					0.1	3,528

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Maintenance and Operation, Panama Canal—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
MUNICIPAL ENGINEERING DIVISION—continued						
Field service—Continued.						
Salaries and wages—Continued.	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $3,000 to $3,600; average, $3,300—						
Chief plumbing inspector	1	$3,360	1	$3,360	1	$3,360
Foreman	6	3,296	6	3,296	4.2	3,253
Junior engineer	2	3,300	2	3,300	1.2	3,275
Superintendent filter plants	2.9	3,300	2.9	3,300	2	3,300
Assistant chemist	0.8	3,300	0.8	3,300	1.3	3,300
Office assistant	1	3,300	1	3,300	1	3,300
Assistant general foreman	1	3,300	1	3,300	1	3,192
Salary range, $2,700 to $3,300; average, $3,000—						
Junior engineer	2	2,950	2	2,950	2.4	2,958
Foreman	6	3,076	6	3,076	8	3,034
Machinist	2	3,012	2	3,012	1.9	3,007
Plumbing inspector	1	3,060	1	3,060	0.9	3,060
Superintendent filter plant	0.2	3,000	0.2	3,000	0.5	3,000
Meter inspector	1	3,000	1	3,000	1	3,000
Incinerator operator					1.4	2,952
Salary range, $2,400 to $3,000; average, $2,700—						
Pump operator, Gamboa	3.3	2,808	3.3	2,808	3.3	2,808
Pump operator, Gamboa (relief)	2.3	2,808	2.3	2,808	2.3	2,808
Junior engineer					0.5	2,800
Clerk	5	2,760	5	2,760	4.9	2,763
Foreman					0.7	2,746
Filter-plant operator	3.5	2,748	3.5	2,748	3.1	2,748
Machinist	3	2,724	3	2,724	2.4	2,724
Superintendent filter plant					0.5	2,700
Pump operator	12.8	2,688	12.8	2,688	12.8	2,688
Salary range, $2,100 to $2,700; average, $2,400—						
Clerk					0.1	2,500
Surveyor	1	2,400	1	2,400	0.1	2,400
Foreman	1	2,316	1	2,316	0.9	2,412
Technician	0.3	2,300	0.3	2,300	0.2	2,300
Salary range, $1,860 to $2,400; average, $2,100—						
Clerk	1	2,100	1	2,100	1	2,088
Foreman					0.9	2,016
Salary range, $1,680 to $2,040; average, $1,860—						
Surveyor					0.4	1,815
Salary range, $1,500 to $1,860; average, $1,680—						
Surveyor					0.2	1,740
Salary range, $1,320 to $1,680; average, $1,500—						
Foreman	1	1,536	1	1,536		
Clerk	1	1,500	1	1,500	1	1,500
Recorder	1	1,500	1	1,500	0.2	1,500
Salary range, $1,140 to $1,500; average, $1,320—						
Clerk	2	1,320	2	1,320	2	1,320
Foreman	1	1,320	1	1,320	1	1,320
Salary range, $1,020 to $1,260; average, $1,140—						
Foreman	1	1,200	1	1,200	1	1,200
Clerk					0.1	1,140
Salary range, $600 to $780; average, $690—						
Apprentice	1	600	1	600	0.1	600
Alien employees: Artisan, chauffeur, chainman, checker, fireman, foreman, gardeners, oilers, watchman, scytheman, boys, laborers	600	593	600	593	660	592
		589,989		589,989		627,495
Differential reduction		1,645		1,645		1,645
Total average number of employees	680.1		680.1		740.2	
Total salaries and wages		[1] 588,344		588,344		625,850
MECHANICAL DIVISION						
Field service:						
Salaries and wages—						
Salary range, $6,000 to $7,500; average, $6,750—						
Superintendent	1	7,200	1	7,200	1	7,200
Salary range, $5,000 to $6,000; average, $5,500—						
Assistant superintendent	2	5,400	2	5,400	2	5,400
Production superintendent	1	5,700	1	5,700	1	5,700
Salary range, $3,800 to $5,000; average, $4,400—						
Master machinist	1	4,800	1	4,800	1	4,800
General foreman	3	4,720	3	4,720	3	4,720
Dockmaster	1	4,800	1	4,800	1	4,800
Foreman	12	4,380	12	4,380	12	4,380
Chief draftsman	1	4,500	1	4,500	1	4,500
Rigger, diver, and steam engineer	1	4,268	1	4,268	1	4,268
Shop accountant	1	4,000	1	4,000	1	4,000
Salary range, $3,300 to $3,900; average, $3,600—						
Chief clerk	1	3,600	1	3,600	1	3,600
Draftsman	1	3,769	1	3,769	1	3,769
Foreman	2	3,630	2	3,630	2	3,630
Planner, office	1	3,600	1	3,600	1	3,600
Blacksmith, heavy fire and heavy forger	1	3,594	1	3,594	1	3,594
Pipe fitter, leading man	1	3,500	1	3,500	1	3,500

[1] $100,000 deducted at end of recapitulation on account of personal services in 1929 included in permanent quarters (sites), account 32, "Structures and parts"

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Maintenance and Operation, Panama Canal—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
MECHANICAL DIVISION—continued						
Field service—Continued.						
Salaries and wages—Continued.	*Average—*		*Average—*		*Average—*	
Salary range, $3,000 to $3,600; average, $3,300—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Clerk	1	$3,200	1	$3,200	1	$3,200
Accountant	1	3,200	1	3,200	1	3,200
Draftsman	1	3,444	1	3,444	1	3,444
Foreman	1	3,360	1	3,360	1	3,360
Planner	2	3,444	2	3,444	2	3,444
Pattern maker	2	3,300	2	3,300	2	3,300
Rivet tester and boiler maker	1	3,290	1	3,290	1	3,290
Leader, molder	1	3,170	1	3,170	1	3,170
Engineer, steam	1	3,252	1	3,252	1	3,252
Inspector, car	4	3,312	4	3,312	4	3,312
Instrument maker, leading man	1	3,425	1	3,425	1	3,425
Saw filer, leading man	1	3,375	1	3,375	1	3,375
Shipwright, leading man	1	3,375	1	3,375	1	3,375
Carman, leading man	1	3,350	1	3,350	1	3,350
Painter, leading man	2	3,350	2	3,350	2	3,350
Machinist, leading man	7	3,300	7	3,300	7	3,300
Boiler maker, leading man	3	3,300	3	3,300	3	3,300
Blacksmith, leading man	1	3,275	1	3,275	1	3,275
Ship fitter, leading man	2	3,250	2	3,250	2	3,250
Salary range, $2,700 to $3,300; average, $3,000—						
Accountant	2	3,000	2	3,000	2	3,000
Draftsman	3	3,145	3	3,145	3	3,145
Layer out, boiler maker	2	2,870	2	2,870	2	2,870
Layer out, machinist	1	2,870	1	2,870	1	2,870
Angle smith, heavy fire	1	2,995	1	2,995	1	2,995
Blacksmith, heavy fire	1	2,995	1	2,995	1	2,995
Cabinetmaker and pattern maker	1	3,045	1	3,045	1	3,045
Engineer, steam (L. C.)	2	2,952	2	2,952	2	2,952
Inspector, boiler	1	3,048	1	3,048	1	3,048
Inspector, scale	1	2,928	1	2,928	1	2,928
Watch and instrument maker	1	3,000	1	3,000	1	3,000
Instrument maker	2	2,850	2	2,850	2	2,850
Loftsman	1	2,875	1	2,875	1	2,875
Molder	11	3,025	11	3,025	11	3,025
Operator, air compressor	1	3,095	1	3,095	1	3,096
Painter, letterer and grainer	2	2,925	2	2,925	2	2,925
Pipe fitter, lead burner and plumber	1	3,120	1	3,120	1	3,120
Pipe fitter and lead burner	1	3,120	1	3,120	1	3,120
Pipe fitter	7	2,925	7	2,925	8	2,925
Sheet-metal worker	7	2,920	7	2,920	8	2,920
Toolmaker	7	2,900	7	2,900	7	2,900
Typewriter repair man	1	2,928	1	2,928	1	2,928
Wireman	2	2,925	2	2,925	2	2,925
Salary range, $2,400 to $3,000; average, $2,700—						
Clerk	1	2,800	1	2,800	1	2,800
Accountant	1	2,600	1	2,600	1	2,600
Angle smith and boiler maker	1	2,795	1	2,795	1	2,795
Blacksmith and blacksmith, heavy fire	1	2,845	1	2,845	1	2,845
Blacksmith	5	2,696	5	2,696	5	2,696
Boat builder	4	2,795	4	2,795	4	2,795
Boiler maker	21	2,721	21	2,721	21	2,721
Boiler maker and boiler maker special	1	2,795	1	2,795	1	2,795
Boiler maker, hostler, and crane operator	1	2,622	1	2,622	1	2,622
Boiler maker and boiler maker layerout	1	2,795	1	2,795	1	2,795
Boiler maker and tank tester	3	2,795	3	2,795	3	2,795
Cabinet maker	6	2,795	6	2,795	6	2,795
Carman	11	2,771	11	2,771	11	2,771
Chipper and calker	1	2,675	1	2,675	1	2,675
Craneman	1	2,721	1	2,721	1	2,721
Electroplater	1	2,800	1	2,800	1	2,800
Engineer, steam	1	2,748	1	2,748	1	2,748
Flange turner and angle smith	1	2,820	1	2,820	1	2,820
Helper and steam engineer	2	2,746	2	2,746	2	2,746
Hostler	2	2,820	2	2,820	2	2,820
Machinist	81	2,750	81	2,750	84	2,750
Machinist and craneman	1	2,570	1	2,570	1	2,570
Machinist and elevator inspector	1	2,795	1	2,795	1	2,795
Machinist and crane inspector	1	2,800	1	2,800	1	2,800
Printer	1	2,775	1	2,775	1	2,775
Pipe fitter	1	2,625	1	2,625	1	2,625
Planing mill hand	4	2,800	4	2,800	4	2,800
Rigger	2	2,650	2	2,650	2	2,650
Riveter	15	2,746	15	2,746	15	2,746
Roller and blacksmith	1	2,845	1	2,845	1	2,845
Ship fitter	21	2,675	21	2,675	21	2,675
Ship joiner	3	2,800	3	2,800	3	2,800
Shipwright	12	2,800	12	2,800	12	2,800
Typewriter repair man	2	2,647	2	2,647	2	2,647
Welder, electric	4	2,750	4	2,750	4	2,750
Welder, electric and gas	2	2,700	2	2,700	2	2,700
Welder, gas	11	2,675	11	2,675	11	2,675
Salary range, $2,100 to $2,700; average, $2,400—						
Clerk	3	2,400	3	2,400	3	2,400
Accountant	1	2,400	1	2,400	1	2,400
Helper and craneman	2	2,234	2	2,234	2	2,234
Machinist	6	2,375	6	2,375	6	2,375
Machinist and craneman	2	2,459	2	2,459	2	2,459
Rigger	1	2,275	1	2,275	1	2,275
Riveter	2	2,450	2	2,450	2	2,450

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

Maintenance and Operation, Panama Canal—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927		Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
MECHANICAL DIVISION—continued								
Field service—Continued.								
Salaries and wages—Continued.	*Average—*		*Average—*		*Average—*			
Salary range, $1,860 to $2,400; average, $2,100—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*		
Clerk	3	$2,147	3	$2,147	3	$2,147		
Watchman	3	2,100	3	2,100	3	2,100		
Timekeeper	1	1,980	1	1,980	1	1,980		
Apprentice	2	2,097	2	2,097	2	2,097		
Helper and steam engineer	1	2,072	1	2,072	1	2,072		
Helper and craneman	1	2,196	1	2,196	1	2,196		
Painter	1	2,025	1	2,025	1	2,025		
Salary range, $1,680 to $2,040; average, $1,860—								
Clerk	2	1,920	2	1,920	2	1,920		
Copyist	1	1,968	1	1,968	1	1,968		
Apprentice	5	1,832	5	1,832	5	1,832		
Helper	3	1,850	3	1,850	3	1,850		
Salary range, $1,500 to $1,860; average, $1,680—								
Clerk	2	1,710	2	1,710	2	1,710		
Helper	8	1,624	8	1,624	8	1,624		
Salary range, $1,320 to $1,680; average, $1,500—								
Tracer	1	1,536	1	1,536	1	1,536		
Apprentice	1	1,423	1	1,423	1	1,423		
Salary range, $1,140 to $1,500; average, $1,320—								
Clerk	3	1,340	3	1,340	3	1,340		
Salary range, $600 to $780; average, $690—								
Apprentice	4	774	4	774	4	774		
Alien employees: Office helper, messenger, boy, janitor, watchman, foreman, artisan, storeman, fireman, trainman, oiler, operator, chauffeur, etc.	800	595	800	595	799	595		
Gold labor—								
Additional for night work		1,505		1,505		1,791		
Additional for overtime		72,989		72,989		76,121		
Silver labor: Additional for overtime		20,000		20,000		21,688		
		1,736,598		1,736,598		1,755,205		
Differential reduction		18,164		18,164		18,164		
Total average number of employees	1,212		1,212		1,216			
Total salaries and wages		1,718,434		1,718,434		1,737,041		
Differential reduction includes Army and Navy pay, as follows:								
Superintendent (Navy) 7,200								
Assistant superintendent (Navy) 5,100								
Watchman (Army, retired) 1,134								
		13,434		13,434		13,434		
Actual differential		4,730		4,730		4,730		
OFFICES IN THE UNITED STATES								
Salaries and wages:								
Salary range, $6,000 to $7,500; average, $6,750—								
General purchasing officer and chief of office	1	6,000	1	6,000	1	6,000		
Salary range, $5,200 to $6,000; average, $5,600—								
Inspecting engineer	1	5,600	1	5,600	1	5,400		
Assistant auditor and legal adviser	1	5,400	1	5,200	1	5,200		
Salary range, $3,800 to $5,000; average, $4,400—								
Chief clerk, purchasing department	1	4,400	1	4,400	1	4,400		
Inspector (assistant to the inspecting engineer)	1	4,000	1	4,000	1	3,800		
Assistant to the chief of office	1	4,000	1	3,800	1	3,856		
Salary range, $3,000 to $3,600; average, $3,300—								
Disbursing clerk	1	3,500	1	3,500	1	3,500		
Chief of division (employment and personnel)	1	3,200	1	3,200	1	3,200		
Inspector	2	3,100	2	3,000	1.8	2,921		
Salary range, $2,700 to $3,300; average, $3,000—								
Clerk	1	3,200	1	3,200	1	3,033		
Salary range, $2,400 to $3,000; average, $2,700—								
Chief clerk, accounting department	1	3,000	1	3,000	1	3,000		
Clerk	4	2,775	4	2,775	4	2,727		
Inspector	14	2,507	14	2,479	13.9	2,483		
Salary range, $2,100 to $2,700; average, $2,400—								
Clerk	4	2,475	4	2,475	4	2,600		
Draftsman and office engineer	1	2,300	1	2,300	1	2,300		
Inspector	3	2,233	3	2,200	2.9	2,141		
Salary range, $1,860 to $2,400; average, $2,100—								
Clerk	11	2,282	11	2,282	11	2,259		
Salary range, $1,680 to $2,040; average, $1,860—								
Clerk	6	1,956	5	1,944	5	1,936		
Salary range, $1,500 to $1,860; average, $1,680—								
Clerk	23	1,740	23	1,712	22.2	1,709		
Salary range, $1,320 to $1,680; average, $1,500—								
Clerk	2	1,560	2	1,530	2	1,509		
Salary range, $1,140 to $1,500; average, $1,320—								
Clerk	4	1,455	4	1,455	3.9	1,448		
Salary range, $1,020 to $1,260; average, $1,140—								
Messenger	8	1,185	8	1,170	8	1,151		
Salary range, $900 to $1,140; average, $1,020—								
Assistant messenger	3	940	3	940	3.5	926		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Maintenance and Operation, Panama Canal—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
OFFICES IN THE UNITED STATES—continued			
Payment to Panama R. R. Co. for services furnished by the assistant purchasing agent's office at New York City in connection with purchases and shipments for the Panama Canal	$5,030	$5,030	$5,030
Payment to Panama R. R. Co. for services furnished by the assistant purchasing agent's office at New Orleans, La., in connection with purchases and shipments for the Panama Canal	300	300	300
Temporary employees (no particular number)	1,000	1,000	619
Total average number of employees	94	94	93.2
01 Total salaries and wages	216,190	214,090	210,514.26
RECAPITULATION			
Field service:			
Executive office—			
Number of employees	150.4	150.4	149.5
Total salaries and wages	328,832	328,832	324,578
Clubs and playgrounds—			
Number of employees	171	171	171.4
Total salaries and wages	157,995	157,995	152,435
Accounting department—			
Auditor's office—			
Number of employees	176	176	176
Total salaries and wages	400,112	400,112	396,632
Paymaster's office—			
Number of employees	14	14	13.9
Total salaries and wages	40,105	40,105	39,205
Collector's office—			
Number of employees	17	17	16.8
Total salaries and wages	47,907	47,907	47,093
Total accounting department—			
Number of employees	207	207	206.7
Total salaries and wages	488,124	488,124	482,930
Office engineer—			
Number of employees	21.6	21.6	22.5
Total salaries and wages	62,147	62,147	64,955
Meteorology and hydrography—			
Number of employees	22.1	22.1	21.4
Total salaries and wages	28,866	28,866	28,488
Surveys—			
Number of employees	34.6	34.6	33.6
Total salaries and wages	40,175	40,175	35,079
Supply department—			
Chief quartermaster's office—			
Number of employees	15.2	15.2	14.2
Total salaries and wages	46,300	46,300	45,200
District quartermaster—			
Number of employees	348	347	345.7
Total salaries and wages	236,289	234,153	233,156
General stores—			
Number of employees	319.3	319.3	314.1
Total salaries and wages	266,519	266,519	260,811
Fuel-oil plants—			
Number of employees	91.1	91.1	91.1
Total salaries and wages	132,899	132,899	133,408
Animal and motor transportation—			
Number of employees	168	168	183.8
Total salaries and wages	152,702	152,702	165,206
Motor-car repair shop—			
Number of employees	69.5	69.5	69.5
Total salaries and wages	87,115	87,115	87,590
Constructing quartermaster—			
Number of employees	749.2	1,240.5	867
Total salaries and wages	606,497	995,330	743,986
Panama Canal Press—			
Number of employees	90	90	89.5
Total salaries and wages	83,559	83,559	81,613
Farm Bureau—			
Number of employees	16	16	16.2
Total salaries and wages	15,999	15,999	15,349
Hotel Tivoli—			
Number of employees	110	110	106.3
Total salaries and wages	62,363	62,363	59,789
Total supply department—			
Number of employees	1,976.3	2,466.6	2,097.4
Total salaries and wages	1,690,242	2,076,939	1,826,138
Marine division—			
Marine superintendent—			
Number of employees	5.4	5.4	5.2
Total salaries and wages	12,000	12,000	11,216
Port captain, Balboa—			
Number of employees	453.5	453.5	450
Total salaries and wages	564,013	561,313	542,821

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Maintenance and Operation, Panama Canal—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
RECAPITULATION—continued			
Field service—Continued.			
Marine division—Continued.			
Port captain, Cristobal—			
Number of employees	344	344	336.9
Total salaries and wages	$496,861	$494,161	$475,299
Lighthouse subdivision—			
Number of employees	82.6	110.6	99.6
Total salaries and wages	98,028	117,288	108,660
Salvage section—			
Number of employees	44.2	44.2	42.5
Total salaries and wages	51,632	51,632	49,639
Total marine division—			
Number of employees	929.7	957.7	934.2
Total salaries and wages	1,222,534	1,236,394	1,187,635
Locks, maintenance and operation—			
Pacific locks—			
Number of employees	640.3	494.3	479.5
Total salaries and wages	751,856	686,341	655,574
Atlantic locks—			
Number of employees	291.5	291.5	465.9
Total salaries and wages	394,981	394,981	570,753
Total locks, maintenance and operation—			
Number of employees	931.8	785.8	945.4
Total salaries and wages	1,146,837	1,081,322	1,226,327
Gatun dams and backfill—			
Number of employees	74	74	62
Total salaries and wages	45,666	45,666	39,297
Dredging division—			
Number of employees	992	1,015.1	1,105.4
Total salaries and wages	1,098,804	1,129,941	1,195,825
Electrical division—			
Number of employees	341	341	337.8
Total salaries and wages	582,339	582,339	581,037
Municipal engineering division—			
Number of employees	680.1	680.1	740.2
Total salaries and wages	588,344	588,344	625,850
Mechanical division—			
Number of employees	1,212	1,212	1,216
Total salaries and wages	1,718,434	1,718,434	1,737,041
Fortifications division—			
Total salaries and wages			92,311
Injury and death payments—			
Total salaries and wages			42,300
Total personal services, Isthmus maintenance and operation—			
Number of employees	7,743.6	8,139	8,043.5
Total salaries and wages	9,199,339	9,565,518	9,642,226
Offices in the United States—			
Number of employees	94	94	93.2
Total salaries and wages	216,190	214,090	210,514
Grand total maintenance and operation, Isthmus and offices in the United States—			
Number of employees	7,837.6	8,233	8,136.7
Total salaries and wages	9,415,529	9,779,608	9,852,740
Deduct expenditures for personal services included in account 32	375,000		
Total personal services	9,040,529	9,779,608	9,852,740

CONSOLIDATED STATEMENT OF THE NUMBER OF EMPLOYEES AND AVERAGE SALARIES BY RANGES FOR THE FIELD SERVICE

Maintenance and operation:	Average—		Average—		Average—	
Salary range—	No.	Salary	No.	Salary	No.	Salary
$7,500 and over	5	8,660	5	8,660	5	8,660
$6,000 to $7,500; average, $6,750	10	6,480	10	6,480	9.9	6,485
$5,000 to $6,000; average, $5,500	12	5,158	12	5,158	12	5,144
$3,800 to $5,000; average, $4,400	168.3	4,411	178.1	4,420	164.7	4,400
$3,300 to $3,900; average, $3,600	210.5	3,587	224.5	3,591	227.8	3,603
$3,000 to $3,600; average, $3,300	175.2	3,296	176.2	3,283	175.8	3,294
$2,700 to $3,300; average, $3,000	405.1	3,015	409.4	3,007	396.7	3,014
$2,400 to $3,000; average, $2,700	446.1	2,724	446.2	2,725	459	2,723
$2,100 to $2,700; average, $2,400	99.5	2,355	98.5	2,356	95.6	2,362
$1,860 to $2,400; average, $2,100	115.6	2,081	115.1	2,078	115.1	2,073
$1,680 to $2,040; average, $1,860	63.3	1,808	64.3	1,811	59	1,805
$1,500 to $1,860; average, $1,680	45.8	1,670	44.8	1,670	44.1	1,655
$1,320 to $1,680; average, $1,500	41.9	1,467	41.9	1,467	34.9	1,447
$1,140 to $1,500; average, $1,320	28	1,275	29	1,279	27	1,276
$1,020 to $1,260; average, $1,140	8.6	1,137	8.6	1,137	12	1,111
$900 to $1,140; average, $1,020	8.5	970	7.5	968	11.1	952
$780 to $1,020; average, $900	2	852	2	850	2.9	881
$600 to $780; average, $690	11.9	758	11.9	758	12.5	771
$240 to $420; average, $330	7	300	7	300	7	300
Alien employees	5,726	636	6,248	636	5,976.2	636

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Maintenance and Operation, Panama Canal—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
CONSOLIDATED STATEMENT OF THE NUMBER OF EMPLOYEES AND AVERAGE SALARIES BY RANGES FOR THE FIELD SERVICE—continued				
Maintenance and operation—Continued.		*Average—*	*Average—*	*Average—*
		No. *Salary*	*No.* *Salary*	*No.* *Salary*
Locks overhaul—				
Gold employees		28.3 $2,833		27.2 $2,843
Alien employees		125 660		168 660
Total		7,743.6 1,198	8,140 $1,174	8,043.5 1,180
		9,188,521	9,554,700	9,492,643
Fortifications division				92,311
Injury and death payments				42,300
Night and overtime work		102,285	102,285	107,587
		9,290,806	9,656,985	9,734,841
Differential reduction		91,467	91,467	92,615
Total salaries and wages, Isthmus		9,199,339	9,565,518	9,642,226
OFFICES IN THE UNITED STATES				
01 Personal services		216,190.00	214,090.00	210,514.26
Supplies and materials:				
0200 Stationery and office supplies		3,100.00	3,100.00	3,305.60
0220 Scientific and educational supplies (reference books, subscriptions, etc.)		300.00	300.00	308.03
0280 Sundry supplies		300.00	300.00	295.50
02 Total supplies and materials		3,700.00	3,700.00	3,909.13
Communication service:				
0500 Telegraph service		1,400.00	1,400.00	1,369.58
0510 Telephone service		800.00	800.00	791.62
0520 Other communication service		50.00	50.00	64.00
05 Total communication service		2,250.00	2,250.00	2,225.20
Travel expenses:				
0615 Transportation—				
Washington office		300.00	300.00	234.50
Inspection service		8,300.00	8,300.00	8,244.04
0616 Subsistence—				
Washington office		100.00	100.00	12.18
Inspection service		18,500.00	18,500.00	17,077.01
06 Total travel expenses		27,200.00	27,200.00	25,567.73
07 Transportation of things (service)		50.00	50.00	34.94
08 Printing and binding		14,500.00	14,500.00	15,554.34
09 Advertising and publication of notices (service)		2,000.00	2,000.00	2,522.87
11 Rent of buildings and structures		1,800.00	1,800.00	1,800.00
13 Special and miscellaneous current expenses (payments to Panama R. R. Co. for Panama Canal's share of expenses of assistant purchasing agent's office in New York for rent, telephone, and miscellaneous supplies)		1,570.00	1,570.00	1,569.96
30 Furniture, furnishings, and fixtures		1,600.00	1,600.00	1,726.81
Total, United States		270,860.00	268,760.00	265,425.24
ISTHMUS				
01 Personal services		8,824,339.00	9,565,518.00	9,642,225.34
Supplies and materials:				
0200 Stationery and office supplies		101,150.00	100,390.00	106,778.53
0210 Medical and hospital supplies		1,115.00	1,040.00	1,050.48
0220 Scientific and educational supplies		9,764.00	10,199.00	10,813.59
0230 Fuel		528,320.00	555,339.00	555,370.52
0240 Wearing apparel and sewing supplies		3,092.00	3,102.00	3,284.21
0250 Forage and other supplies for animals		6,635.00	7,637.00	8,038.85
0260 Provisions		184,275.00	189,375.00	196,497.38
0270 Powder, explosives, etc		60,030.00	98,805.00	21,495.36
0280 Sundry supplies		320,094.00	358,233.00	362,057.34
0290 Materials		1,200,115.00	2,024,246.00	1,848,926.86
02 Total supplies and materials		2,414,590.00	3,348,366.00	3,111,313.12
Communication service:				
0500 Telegraph service		4,775.00	4,795.00	4,436.19
0510 Telephone service		79,025.00	79,125.00	78,899.20
05 Total communication service		83,800.00	83,920.00	83,335.39
06 Travel expenses		37,410.00	37,300.00	31,376.43
07 Transportation of things (service)		238,555.00	251,405.00	292,033.41
08 Printing and binding		18,200.00	20,200.00	17,926.90
09 Advertising and publication of notices		110.00	110.00	159.52
10 Furnishing of heat, light, power, water, and electricity (service)		3,705.00	3,705.00	3,671.73
12 Repairs and alterations		76,050.00	92,250.00	74,511.61
13 Special and miscellaneous current expenses		306,880.00	319,330.00	264,944.98
13 Services and supplies for fortifications division		475,190.00	475,190.00	(1)

[1] Distributed.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Maintenance and Operation, Panama Canal—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	ISTHMUS—continued			
	Equipment (includes livestock):			
3000	Passenger-carrying vehicles	$10,000.00	$10,000.00	$15,029.74
3010	Furniture, furnishings, and fixtures	68,892.00	62,287.00	34,041.97
3020	Educational, scientific, and recreational equipment	3,700.00	14,078.00	6,077.43
3040	Livestock	100.00	100.00	179.86
3050	Other equipment	730,365.00	1,920,436.00	1,060,351.63
30	Total equipment (includes livestock)	813,057.00	2,006,901.00	1,115,680.63
32	Structures and parts	850,000.00	(1)	(1)
33	Stores purchased for resale	1,350,000.00	1,350,000.00	1,244,922.34
	Total, Isthmus	15,491,886.00	17,554,195.00	15,885,104.40
	Offices in United States	270,860.00	268,760.00	265,425.24
	Grand total	15,762,746.00	17,822,955.00	16,150,529.64
	RECAPITULATION (ISTHMUS AND UNITED STATES COMBINED)			
01	Personal services	9,040,529.00	9,779,608.00	9,852,739.60
02	Supplies and materials	2,418,290.00	3,352,066.00	3,118,222.25
05	Communication service	86,050.00	86,170.00	85,560.59
06	Travel expenses	64,610.00	64,500.00	56,944.16
07	Transportation of things	238,605.00	251,455.00	292,068.35
08	Printing and binding	32,700.00	34,700.00	33,481.24
09	Advertising and publication of notices	2,110.00	2,110.00	2,682.39
10	Water (Republic of Panama)	3,705.00	3,705.00	3,671.73
11	Rents	1,800.00	1,800.00	1,800.00
12	Repairs and alterations	76,050.00	92,250.00	74,514.61
13	Special and miscellaneous current expenses	308,450.00	320,900.00	266,514.94
13	Services and supplies, fortifications division	475,190.00	475,190.00	(1)
30	Equipment (including livestock)	814,657.00	2,008,501.00	1,117,407.44
32	Structures and parts	850,000.00	(1)	(1)
33	Stores purchased for resale	1,350,000.00	1,350,000.00	1,244,922.34
	Total	15,762,746.00	17,822,955.00	16,150,529.64
	Less amount included above for sales and services to commercial interests, Panama R. R. Co., Army, Navy, other departments and employees	8,325,746.00	10,078,653.00	8,447,262.07
	Net Canal expenses	7,437,000.00	7,744,302.00	7,703,267.57
	CLASSIFICATION OF SALES AND SERVICES (REPAID TO APPROPRIATION)			
01	Personal services	4,671,032.00	5,591,053.00	4,968,134.38
02	Supplies and materials	1,237,036.00	1,916,393.00	1,572,328.36
05	Communication service	44,012.00	49,264.00	43,142.97
06	Travel expenses	17,702.00	19,724.00	18,032.34
07	Transportation of things	122,040.00	143,758.00	147,272.22
10	Water (Republic of Panama)	1,946.00	2,175.00	1,901.85
12	Repairs and alterations	21,050.00	47,250.00	40,248.23
13	Special and miscellaneous current expenses	70,813.00	86,270.00	73,443.09
13	Service and supplies, fortifications division	475,190.00	475,190.00	(1)
30	Equipment	314,925.00	397,576.00	337,836.29
33	Stores purchased for resale	1,350,000.00	1,350,000.00	1,244,922.34
	Total	8,325,746.00	10,078,653.00	8,447,262.07
	RECAPITULATION, NET CANAL EXPENSES (ISTHMUS AND UNITED STATES COMBINED)			
01	Personal services	4,369,497.00	4,188,555.00	4,884,605.22
02	Supplies and materials	1,181,254.00	1,435,673.00	1,545,893.89
05	Communication service	42,038.00	36,906.00	42,417.62
06	Travel expenses	46,908.00	44,776.00	38,911.82
07	Transportation of things	116,565.00	107,697.00	144,796.13
08	Printing and binding	32,700.00	34,700.00	33,481.24
09	Advertising and publications of notices	2,110.00	2,110.00	2,682.39
10	Water (Republic of Panama)	1,759.00	1,530.00	1,769.88
11	Rents	1,800.00	1,800.00	1,800.00
12	Repairs and alterations	55,000.00	45,000.00	34,266.38
13	Special and miscellaneous current expenses	237,637.00	234,630.00	193,071.85
30	Equipment (including livestock)	499,732.00	1,610,925.00	779,571.15
32	Structures and parts	850,000.00	(1)	(1)
	Total	7,437,000.00	7,744,302.00	7,703,267.57

[1] Distributed.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Maintenance and Operation, Panama Canal—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
RECAPITULATION OF NET CURRENT EXPENSES			
Executive offices	$257,800.00	$254,800.00	$253,273.54
Clubs and playgrounds	120,000.00	120,000.00	120,000.00
Accounting department	189,952.00	189,952.00	193,081.51
Offices in the United States	216,360.00	214,260.00	207,615.22
Office engineer	18,655.00	18,655.00	15,642.39
Meteorology and hydrography	35,311.00	35,311.00	34,278.52
Section of surveys	35,035.00	35,035.00	33,283.64
Operation of general storehouses	300,000.00	300,000.00	317,426.47
Public buildings and grounds	178,038.00	175,503.00	169,754.66
Maintenance laborers' quarters	95,000.00	95,000.00	94,962.06
Street lighting	22,000.00	32,000.00	15,454.40
Water for municipal purposes	23,400.00	23,400.00	23,400.00
Roads, sidewalks, and sewers	145,000.00	185,000.00	119,851.01
Printing and binding:			
Panama Canal press	17,000.00	19,000.00	16,661.24
Public Printer, Washington	15,700.00	15,700.00	16,820.00
Tracks, maintenance	30,000.00	30,000.00	23,594.57
Recruiting and repatriating employees	30,000.00	30,000.00	21,182.65
Transportation of employees, Isthmus	120,000.00	120,000.00	120,000.00
Compensation, injured employees	2,000.00	2,000.00	
Marine division:			
Superintendence	13,400.00	13,400.00	11,605.25
Board of admeasurers	40,000.00	40,000.00	38,951.15
Transiting vessels and harbor service	223,014.00	221,161.00	138,382.81
Aids to navigation—			
Current operations	160,033.00	159,788.00	141,372.08
Replacement of buoys		79,000.00	28,392.46
Clearing Gatun Lake channels		31,000.00	26,779.36
Total, marine division	436,447.00	544,349.00	385,483.11
Locks, operation and maintenance:			
Gatun locks	505,281.00	495,601.00	453,308.98
Gatun locks, overhaul			529,961.62
Pedro Miguel locks	350,056.00	370,741.00	380,222.64
Pacific locks, overhaul	600,000.00		
Miraflores locks	418,940.00	444,140.00	472,890.84
Cribbing replacement	20,000.00	31,000.00	1,300.39
Special alterations, Pacific locks		172,500.00	
Total locks	1,894,277.00	1,513,982.00	1,837,684.47
Gatun Dam maintenance	50,000.00	50,000.00	50,981.57
Gatun spillway	5,025.00	5,025.00	3,153.48
Damage to vessels	50,000.00	50,000.00	863.55
Channel maintenance, dredging	2,200,000.00	2,350,000.00	2,204,580.58
Removing floating obstructions	40,000.00	40,000.00	39,493.09
Floating derricks, maintenance	60,000.00	60,000.00	60,325.16
Total, dredging division	2,300,000.00	2,450,000.00	2,304,398.83
Total net current expenses	6,587,000.00	6,508,972.00	6,378,849.89
Capital additions	850,000.00	1,235,330.00	1,324,417.68
Permanent quarters construction, and preparing sites $600,000			
Commencement of Alhajuela Dam 250,000			
Total expenditures	7,437,000.00	7,744,302.00	7,703,267.57
Total appropriations and savings		6,172,189.00	8,722,754.10
Reserves available for expenditure	400,000.00		
Savings 1927 transferred to 1928 and 1929	190,000.00	829,486.53	1,019,486.53
Reserves, advanced, 1928		742,626.47	
Total available, 1928		7,744,302.00	
Required to be appropriated for 1929	6,847,000.00		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Sanitation, Canal Zone, Panama Canal— For sanitation, quarantine, hospitals, and medical aid and support of the insane and of lepers and aid and support of indigent persons legally within the Canal Zone, including expenses of their deportation when practicable, and the purchase of artificial limbs or other appliances for indigent persons who were injured in the service of the Isthmian Canal Commission or the Panama Canal prior to September 7, 1916, and including additional compensation to any officer of the United States Public Health Service detailed with the Panama Canal as chief quarantine officer (*U. S. C., p. 1638, sec. 1305; act Feb. 23, 1927, vol. 44, p. 1146*)	$670,000.00	$670,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
HEALTH DEPARTMENT						
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
Salary range, $7,500 and over—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Chief health officer	1	$8,200	1	$8,200	1	$8,200
Salary range, $6,000 to $7,500; average, $6,750—						
Superintendent, Ancon Hospital	1	7,000	1	7,000	1	7,000
Chief of medical clinic	1	7,000	1	7,000	1	7,000
Chief of surgical clinic	1	7,000	1	7,000	1	7,000
Salary range, $5,000 to $6,000; average, $5,500—						
Assistant chief healtb officer	1	6,000	1	6,000	1	6,000
Chief quarantine officer	1	6,000	1	6,000	1	6,000
Chief, board of health laboratory	1	5,800	1	5,800	1	5,800
Salary range, $3,800 to $5,000; average, $4,400—						
Chief eye, ear, nose, and throat clinic	1	4,800	1	4,800	1	4,800
Chief X-ray clinic	1	4,800	1	4,800	1	4,800
Asistant chief medical clinic	1	4,800	1	4,800	1	4,800
Assistant chief surgical clinic	1	4,800	1	4,800	1	4,800
Superintendent, Colon Hospital	1	4,800	1	4,800	1	4,800
Superintendent, Corozal Hospital	1	4,800	1	4,800	1	4,800
Assistant superintendent, Ancon Hospital	1	4,800	1	4,800	1	4,800
Quarantine officer	2	4,700	2	4,700	2	4,700
Health officer, Panama	1	4,800	1	4,800	1	4,800
District physician	5	4,240	5	4,240	5	4,240
Chief radio—therapy clinic	1	4,400	1	4,400	1	4,400
Assistant chief eye, ear, nose, and throat clinic	1	4,400	1	4,400	1	4,400
Physician, obstetrician	1	4,400	1	4,400	1	4,400
Bacteriologist	1	4,400	1	4,400	1	4,400
Pathologist	1	4,400	1	4,400	1	4,400
Chemist	1	4,400	1	4,400	1	4,400
Health officer, Colon	1	4,400	1	4,400	1	4,400
Salary range, $3,300 to $3,900; average, $3,600—						
Supervising veterinarian and meat inspector	1	3,900	1	3,900	1	3,900
Physician	28	3,633	28	3,633	26	3,633
Executive assistant	1	3,700	1	3,700	1	3,700
Office assistant	1	3,600	1	3,600	1	3,600
Salary range, $3,000 to $3,600; average, $3,300—						
Carpenter, foreman	1	3,375	1	3,375	1	3,375
General mechanic	1	3,360	1	3,360	1	3,360
Physician	1	3,300	1	3,300	1	3,300
Sanitary inspector	10	3,300	10	3,300	10	3,300
Veterinarian and meat inspector	1	3,300	1	3,300	1	3,360
Superintendent, Palo Seco Colony	1	3,200	1	3,200	1	3,200
Salary range, $2,700 to $3,300; average, $3,000—						
Physician	1	3,000	1	3,000	2	3,050
Quarantine inspector	2	3,000	2	3,000	2	3,000
Veterinarian and meat inspector	3	3,033	3	3,033	2	3,050
Assistant chemist	1	3,000	1	3,000	1	3,000
Pharmacist	1	3,000	1	3,000	1	3,000
Sanitary inspector	2	3,000	2	3,000	2	3,000
Embalmer-cremator	1	3,000	1	3,000	1	3,000
Clerk	2	2,950	2	2,950	2	2,950
Chief nurse	1	2,880	1	2,880	1	2,880
Deduct quarters and subsistence allowance		240		240		240
Actual pay		2,640		2,640		2,640
Salary range, $2,400 to $3,000; average, $2,700—						
Clerk	6	2,700	6	2,700	6	2,700
Storekeeper	1	2,700	1	2,700	1	2,700
Veterinarian and meat inspector					1	2,700
Assistant chemist					1	2,700
Foreman-chauffeur	1	2,616	1	2,616	1	2,616
Pharmacist	2	2,600	2	2,600	2	2,600
Technician	3	2,600	3	2,600	3	2,600
Salary range, $2,100 to $2,700; average, $2,400—						
Chief nurse	1	2,460	1	2,460	1	2,460
Deduct quarters and subsistence allowance		240		240		240
Actual pay		2,220		2,220		2,220
Stewardess	1	2,520	1	2,520	1	2,520
Deduct quarters and subsistence allowance		240		240		240
Actual pay		2,280		2,280		2,280
Technician	1	2,500	1	2,500	1	2,500
Dispensary assistant	1	2,500	1	2,500	1	2,500
Clerk	2	2,400	2	2,400	2	2,400
General mechanic	1	2,400	1	2,400	1	2,400

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Sanitation, Canal Zone, Panama Canal—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
HEALTH DEPARTMENT—continued						
Field service—Continued.	*Average—*		*Average—*		*Average—*	
Salaries and wages—Continued.	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Dispensary assistant	1	$2,300	1	$2,300	1	$2,300
Head nurse	10	2,280	10	2,280	10	2,280
Deduct quarters and subsistence allowance		240		240		240
Actual pay		2,040		2,040		2,040
Salary range, $1,860 to $2,400; average, $2,100—						
Dispensary assistant	4	2,085	4	2,085	4	2,085
Stewardess	1	2,160	1	2,160	1	2,160
Deduct quarters and subsistence allowance		240		240		240
Actual pay		1,920		1,920		1,920
Vaccinator	1	2,100	1	2,100	1	2,100
Clerk	2	2,100	2	2,100	2	2,100
Nurse, female	8	1,995	8	1,995	8	1,995
Deduct quarters and subsistence allowance		225		225		225
Actual pay		1,770		1,770		1,770
Technician	2	1,980	2	1,980	2	1,980
Salary range, $1,680 to $2,040; average, $1,860—						
Dispensary assistant	1	1,920	1	1,920	1	1,920
Nurse, female	26	1,855	26	1,855	26	1,855
Deduct quarters and subsistence allowance		240		240		240
Actual pay		1,615		1,615		1,615
Nurse, male	3	1,880	3	1,880	3	1,880
Deduct quarters and subsistence allowance		80		80		80
Actual pay		1,800		1,800		1,800
Clerk	1	1,800	1	1,800	1	1,800
Salary range, $1,500 to $1,860; average, $1,680—						
Nurse, male	3	1,720	3	1,720	3	1,720
Deduct quarters and subsistence allowance		80		80		80
Actual pay		1,640		1,640		1,640
Nurse, female	49	1,701	49	1,701	49	1,701
Deduct quarters and subsistence allowance		235		235		235
Actual pay		1,466		1,466		1,466
Technician	1	1,740	1	1,740	1	1,740
Clerk	2	1,740	2	1,740	2	1,740
Salary range, $1,320 to $1,680; average, $1,500—						
Nurse, male	1	1,560	1	1,560	1	1,560
Clerk	1	1,500	1	1,500	1	1,500
Interne	8	1,440	8	1,440	5	1,440
Deduct quarters, subsistence, and laundry allowance		540		540		540
Actual pay		900		900		900
Salary range, $1,020 to $1,260; average, $1,140—						
Clerk	3	1,220	3	1,220	3	1,220
Sanitary assistant	1	1,200	1	1,200	1	1,200
Foreman	1	1,200	1	1,200	1	1,200
Salary range, $780 to $1,020; average, $900—						
Clerk	2	930	2	930	2	930
Alien employees: Artisan, attendant, broom maker, cemetery man, chauffeur, cook, fireman, foreman, gardener, janitor, laborer, maid, messenger, operator (motor boat), office helper, scavenger, watchman	817	498	817	498	795	493
		1,017,624		1,017,624		998,228
Differential reduction		122,776		122,776		122,776
Total average number of employees	1,058		1,058		1,033	
Total salaries and wages		894,848		894,848		875,452
Army pay included in differential reduction		121,020		121,020		121,020
Actual differential reduction		1,756		1,756		1,756
Total differential reduction		122,776		122,776		122,776

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Sanitation, Canal Zone, Panama Canal—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	HEALTH DEPARTMENT—continued			
01	Personal services	$894,848.00	$894,848.00	$875,452.14
	Supplies and materials:			
0200	Stationery and office supplies	11,330.00	11,330.00	11,024.89
0210	Medical and hospital supplies	61,700.00	61,700.00	61,312.52
0220	Scientific and educational supplies	1,150.00	1,150.00	1,098.17
0230	Fuel	11,380.00	11,380.00	11,344.57
0240	Wearing apparel and sewing supplies	1,000.00	1,000.00	1,003.04
0250	Forage and other supplies for animals	15,075.00	15,075.00	11,933.96
0260	Provisions	183,000.00	183,000.00	182,665.13
0270	Powder, projectiles, explosives, etc	80.00	80.00	83.77
0280	Sundry supplies	10,000.00	10,000.00	10,187.54
0290	Material	28,620.00	28,620.00	26,445.69
02	Total supplies and materials	323,335.00	323,335.00	317,099.28
05	Telephone service	13,000.00	13,000.00	13,339.87
06	Travel expenses	17,250.00	17,250.00	15,869.13
07	Transportation of things (service)	51,600.00	51,600.00	45,520.84
08	Printing and binding	1,100.00	1,100.00	1,099.67
10	Furnishing of electric light and water	34,950.00	34,950.00	33,458.01
11	Rent of building	3,700.00	3,700.00	4,697.02
12	Repairs and alterations	35,650.00	33,150.00	36,039.04
13	Special and miscellaneous current expenses	45,200.00	45,150.00	59,945.89
	Equipment (includes livestock):			
3000	Passenger-carrying vehicles			10,719.47
3010	Furniture, furnishings, and fixtures	6,900.00	6,900.00	6,814.45
3020	Educational, scientific, and recreational equipment	9,000.00	9,000.00	9,237.51
3040	Livestock	4,000.00	4,000.00	2,359.32
3050	Other equipment	28,165.00	28,165.00	25,171.91
30	Total equipment (includes livestock)	48,065.00	48,065.00	54,302.66
32	Other structures			
33	Stores purchased for resale	25,000.00	25,000.00	24,347.21
	Total	1,493,698.00	1,491,148.00	1,481,170.76
	CLASSIFICATIONS OF ESTIMATED COLLECTIONS (REPAID TO APPROPRIATIONS)			
01	Personal services	516,455.00	514,596.77	504,526.20
02	Supplies and materials	186,610.00	185,939.00	182,745.47
05	Communication service	7,502.00	7,476.00	7,687.82
06	Travel expenses	9,957.00	9,920.00	9,145.44
07	Transportation of things	29,780.00	29,673.00	26,233.83
10	Furnishing of electric light and water	20,171.00	20,099.00	19,281.97
11	Rent of bulldings	2,135.00	2,126.00	2,706.91
13	Special and miscellaneous current expenses	26,088.00	25,964.00	34,547.03
33	Stores purchased for resale	25,000.00	25,000.00	24,347.21
	Total	823,698.00	820,793.77	811,221.88
	RECAPITULATION, NET CURRENT EXPENSES			
01	Personal services	378,393.00	380,251.23	370,925.94
02	Supplies and materials	136,725.00	137,396.00	134,353.81
05	Communication service	5,498.00	5,524.00	5,652.05
06	Travel expenses	7,293.00	7,330.00	6,723.69
07	Transportation of things	21,820.00	21,927.00	19,287.01
08	Printing and binding	1,100.00	1,100.00	1,099.67
10	Furnishing of electric light and water	14,779.00	14,851.00	14,176.04
11	Rent of buildings	1,565.00	1,574.00	1,990.11
12	Repairs and alterations	35,650.00	33,150.00	36,039.04
13	Special and miscellaneous current expenses	19,112.00	19,186.00	25,398.86
30	Equipment (includes livestock)	48,065.00	48,065.00	54,302.66
	Total	670,000.00	670,354.23	669,948.88
	RECAPITULATION			
01	Personal services	894,848.00	894,848.00	875,452.14
02	Supplies and materials	323,335.00	323,335.00	317,099.28
05	Communication service	13,000.00	13,000.00	13,339.87
06	Travel expenses	17,250.00	17,250.00	15,869.13
07	Transportation of things (service)	51,600.00	51,600.00	45,520.84
08	Printing and binding	1,100.00	1,100.00	1,099.67
10	Furnishing of electric light and water	34,950.00	34,950.00	33,458.01
11	Rent of buildings	3,700.00	3,700.00	4,697.02
12	Repairs and alterations	35,650.00	33,150.00	36,039.04
13	Special and miscellaneous current expenses	45,200.00	45,150.00	59,945.89
30	Equipment (includes livestock)	48,065.00	48,065.00	54,302.66
33	Stores purchased for resale	25,000.00	25,000.00	24,347.21
	Total	1,493,698.00	1,491,148.00	1,481,170.76
	Less estimated collections	823,698.00	820,793.77	811,221.88
	Current expenses	670,000.00	670,354.23	669,948.88
	Amount appropriated and available, 1927			670,303.11
	Savings 1927 carried to 1928		354.23	
	Regular appropriation for 1928		670,000.00	
	Amount required to be appropriated	670,000.00		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Civil Government, Panama Canal and Canal Zone—		
For civil government of the Panama Canal and Canal Zone, including salaries of district judge, $10,000; district attorney, $5,000; marshal, $5,000; and gratuities and necessary clothing for indigent discharged prisoners (*U. S. C., p. 1638, sec. 1305; p. 1642, sec. 1348; act Feb. 23, 1927, vol. 44, p. 1146*)	$1,143,000.00	$1,100,000.00

	Estimated expenditures, 1929 apprn-priation		Estimated expenditures, 1928 appro-priation		Expended and obligated, 1927	
CIVIL AFFAIRS AND CUSTOMS						
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $5,000 to $6,000; average, $5,500—						
Chief of division	1	$5,000	1	$5,000	1	$4,800
Salary range, $3,300 to $3,900; average, $3,600—						
Assistant chief of division	1	3,800	1	3,800	1	3,600
Chief customs inspector	2	3,600	2	3,600	2	3,600
Salary range, $2,700 to $3,300; average, $3,000—						
Clerk	2	2,900	2	2,900	1.8	2,862
Salary range, $2,100 to $2,700; average, $2,400—						
Customs inspector	1	2,500	1	2,500	1.8	2,439
Salary range, $1,860 to $2,400; average, $2,100—						
Customs inspector	3	2,133	3	2,133	3.3	1,998
Clerk	2	2,150	2	2,150	1.5	2,100
Salary range, $1,680 to $2,040; average, $1,860—						
Customs guard	2	1,940	2	1,940	1	1,960
Clerk					0.5	1,960
Alien employees: Office helper	1	900	1	900	1	900
		39,779		39,779		38,725
Differential reduction		87		87		87
Total average number of employees	15		15		14.9	
Total salaries and wages		39,692		39,692		38,638
BUREAU OF POSTS						
Field service:						
Salaries and wages—						
Salary range, $3,800 to $5,000; average, $4,400—						
Postmaster, Cristobal	1	4,000	1	4,000	1	4,000
Salary range, $3,300 to $3,900; average, $3,600—						
Post-office inspector	1	3,800	1	3,800	1	3,600
Postmaster, Ancon	1	3,624	1	3,624	1	3,624
Salary range, $3,000 to $3,600; average, $3,300—						
Postmaster, Balboa	1	3,252	1	3,252	1	3,252
Salary range, $2,700 to $3,300; average, $3,000—						
Postmaster, assistant, Cristobal	1	3,084	1	3,084	1	3,012
Postmaster, Balboa Heights	1	3,000	1	3,000	1	3,000
Salary range, $2,400 to $3,000; average, $2,700—						
Assistant postmaster, Ancon	1	2,856	1	2,856	1	2,784
Assistant postmaster, Balboa	1	2,736	1	2,736	1	2,664
Clerk, chief, registry	1	2,736	1	2,736	1	2,664
Postmaster, Gatun	1	2,616	1	2,616	1	2,556
Clerk, special	5	2,616	5	2,616	4	2,556
Salary range, $2,100 to $2,700; average, $2,400—						
Postal clerk, grade 5	6	2,496	6	2,496	8	2,434
Postmaster, Pedro Miguel and Coco Solo	2	2,396	2	2,396	2	2,396
Postal clerk, grade 4	1	2,376	1	2,376		
Postal clerk, grade 3	6.8	2,256	6.8	2,256	3.6	2,208
Salary range, $1,860 to $2,400; average, $2,100—						
Postal clerk, grade 2	5.5	2,136	5.5	2,136	6.5	2,088
Postal clerk, grade 1	2	2,016	2	2,016	2.6	1,968
Postmaster, Culebra					1	2,138
Postmaster, Corozal	1	2,016	1	2,016	1	1,500
Salary range, $1,320 to $1,680; average, $1,500—						
Clerk	1	1,500	1	1,500	1	1,410
Salary range, $1,140 to $1,500; average, $1,320—						
Clerk	1	1,320	1	1,320	1	1,320
Salary range, $1,020 to $1,260; average, $1,140—						
Postmaster, France Field	1	1,200	1	1,200	1	1,200
Postmaster, Fort Sherman					1	1,140
Postmaster, Fort Clayton	1	1,200	1	1,200	1	1,200
Clerk	4.3	1,172	4.3	1,172	4.0	1,151
Salary range, $900 to $1,140; average, $1,020—						
Clerk					1	960
Salary range, $240 to $120; average, $330—						
Postmaster, Gamboa	1	300	1	300	1	300
Alien employees: Office helper, messenger, chauffeur, etc	21	729	21	729	21	703
		125,933		125,933		123,852
Differential reduction		275		275		275
Total average number of employees	69.6		69.6		71.6	
Total salaries and wages		125,658		125,658		123,577
Amount necessary to pay the full 25 per cent over United States base rates		4,779				
Total amount required		130,437				

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Civil Government, Panama Canal and Canal Zone—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
SCHOOLS						
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $3,800 to $5,000; average, $4,400—						
Superintendent of schools	1	$4,800	1	$4,800	0.9	$4,800
Salary range, $3,300 to $3,900; average, $3,600—						
Assistant superintendent of schools—upper grades	1	3,900	1	3,900	1	3,800
Principal, Balboa School	1	3,700	1	3,700	1	3,600
Salary range, $3,000 to $3,600; average, $3,300—						
Assistant superintendent of schools—lower grades	1	3,300	1	3,300	1	3,300
Principal, Cristobal School	1	3,400	1	3,400	1	2,955
Salary range, $2,400 to $3,000; average, $2,700—						
Supervisor of music	1	2,718	1	2,718	1	2,664
Supervisor of penmanship	1	2,718	1	2,718	1	2,547
Assistant principal, Balboa School	1	2,698	1	2,698	1	2,650
Salary range, $2,100 to $2,700; average, $2,400—						
Assistant principal, Cristobal School	1	2,421	1	2,421	1	2,376
Principal, Ancon School	1	2,421	1	2,421	1	2,376
Line teacher	2	2,421	2	2,421	1.9	2,313
Teacher, high school	14	2,355	14	2,355	13.7	2,300
Salary range, $1,860 to $2,400; average, $2,100—						
Principal, Pedro Miguel School	1	2,151	1	2,151	1	2,106
Principal, Gatun School	1	2,151	1	2,151	0.7	1,827
Teacher, high school	4	2,142	4	2,142	4.3	2,088
Teacher, grade school	20	2,016	20	2,016	20	1,971
Salary range, $1,680 to $2,040; average, $1,860—						
Teacher, grade school	23	1,828	23	1,828	23.7	1,780
Principal, Camp Gaillard School					1	1,807
Salary range, $1,500 to $1,860; average, $1,680—						
Teacher, grade school	15	1,665	15	1,665	14	1,620
Salary range, $780 to $1,020; average, $900—						
Teacher, grade school	1	900	1	900		
Alien employees: Colored teacher and principal	60	934	60	934	46	701
		247,037		247,037		217,195
Differential reduction		237		237		237
Total average number of employees	151		151		136.2	
Total salaries and wages		246,800		246,800		216,958
Additional amount required to afford payment of full 25 per cent over United States base salaries		8,095				
Total required		254,895				
Colored teachers will work 12 months in the 1928 and 1929 fiscal years; they were employed for 9 months in the 1927 fiscal year.						
FIRE SECTION						
Field service:						
Salaries and wages—						
Salary range, $3,800 to $5,000; average, $4,400—						
Chief of division[1]	0.5	5,000	0.5	5,000	0.5	4,800
Salary range, $3,300 to $3,900; average, $3,600—						
Inspector	1	3,800	1	3,800	1	3,600
Salary range, $2,700 to $3,300; average, $3,000—						
Captain	2	2,964	2	2,964	2	2,904
Motor inspector	1	2,928	1	2,928	1	2,928
Salary range, $2,400 to $3,000; average, $2,700—						
Lieutenant	6	2,796	6	2,796	6	2,724
Sergeant	4	2,676	4	2,676	4	2,556
Salary range, $2,100 to $2,700; average, $2,400—						
Fireman	14.5	2,496	14.5	2,496	15.2	2,436
Salary range, $1,860 to $2,400; average, $2,100—						
Fireman	13	2,209	13	2,269	13.2	2,161
Salary range, $1,680 to $2,040; average, $1,860—						
Fireman	2	1,860	2	1,860	2	1,860
		111,265		111,265		110,576
Differential reduction		557		557		557
Total average number of employees	44		44		44.9	
Total salaries and wages		110,708		110,708		110,019
Amount necessary to pay full 25 per cent over United States base rates		5,000				
Total amount required		115,708				

[1] One-half of this salary charged to police section and one-half to fire section.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Civil Government, Panama Canal and Canal Zone—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
POLICE SECTION						
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
Salary range, $3,800 to $5,000; average, $4,400—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Chief of division	0.5	$5,600	0.5	$5,600	0.5	$4,800
Inspector [1]	1	4,000	1	4,000	1	3,780
Salary range, $3,300 to $3,900; average, $3,600—						
Captain	3	3,564	3	3,564	3	3,480
Salary range, $3,000 to $3,600; average, $3,300—						
Lieutenant	5	3,204	5	3,204	5	3,132
Salary range, $2,400 to $3,000; average, $2,700—						
Sergeant	15	2,800	15	2,800	15	2,728
Salary range, $2,100 to $2,700; average, $2,400—						
Policeman, first class	66	2,496	66	2,496	66	2,436
Salary range, $1,860 to $2,400; average, $2,100—						
Policeman, first class	32	2,190	32	2,190	32	2,148
Salary range, $1,680 to $2,040; average, $1,860—						
Policeman, first class	8	1,860	8	1,860	7	1,860
Alien employees: Policeman, second class	43	810	45	803	43	810
		359,738		361,043		350,562
Differential reduction		963		963		963
Total average number of employees	173.5		175.5		172.5	
Total salaries and wages		358,775		360,080		349,599
Amount necessary to pay full 25 per cent over United States base rates		15,156				
Total amount required		373,931				
The difference between 1929 and 1928 is due to—						
Decrease in force	$1,606					
Increase in salaries	301					
Net decrease	1,305					
DISTRICT COURT						
Field service:						
Salaries and wages—						
Salary range, $7,500 and over—						
District judge	1	11,500	1	11,500	1	9,000
Less allowance for quarters, light, etc		1,500		1,500		1,500
Cash payment		10,000		10,000		7,500
Special district judge	0.2	10,000	0.2	10,000	0.1	7,500
Salary range, $3,300 to $3,900; average, $3,600—						
Clerk	1	3,600	1	3,600	1	3,600
Salary range, $2,700 to $3,300; average, $3,000—						
Court reporter	1	3,000	1	3,000	1	3,000
Salary range, $2,400 to $3,000; average, $2,700—						
Senior assistant clerk	1	2,800	1	2,800	1	2,800
Assistant clerk	1	2,700	1	2,700	1	2,500
Alien employees: Office helper	2	870	2	870	2	830
		25,840		25,840		21,810
Differential reduction		40		40		48
Total average number of employees	7.2		7.2		7.1	
Total salaries and wages		25,800		25,800		21,762
DISTRICT ATTORNEY						
Field service:						
Salaries and wages—						
Salary range, $6,000 to $7,500; average, $6,750—						
District attorney	1	6,200	1	6,200	1	6,200
Deduct allowance for quarters, light, etc		1,200		1,200		1,200
Cash payment		5,000		5,000		5,000
Salary range, $3,800 to $5,000; average, $4,400—						
Assistant district attorney	1	4,200	1	4,200	1	4,000
Salary range, $2,400 to $3,000; average, $2,700—						
Clerk	1	2,800	1	2,800	1	2,800
		12,000		12,000		11,800
Differential reduction		206		206		206
Total average number of employees	3		3		3	
Total salaries and wages		11,794		11,794		11,594
UNITED STATES MARSHAL						
Field service:						
Salaries and wages—						
Salary range, $6,000 to $7,500; average, $6,750—						
Marshal	1	6,200	1	6,200	1	6,200
Deduct allowance for quarters, light, etc		1,200		1,200		1,200
Cash payment		5,000		5,000		5,000
Salary range, $2,400 to $3,000; average, $2,700—						
Deputy marshal	1	2,600	1	2,600	1.3	2,600
Deputy marshal (relief)	0.1	2,600	0.1	2,600		
		7,860		7,860		8,380
Differential reduction		49		49		49
Total average number of employees	2.1		2.1		2.3	
Total salaries and wages		7,811		7,811		8,331

[1] One-half of this salary charged to police section and one-half to fire section.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Civil Government, Panama Canal and Canal Zone—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
MAGISTRATES' COURTS						
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $3,300 to $3,900; average, $3,600—						
Magistrate	2	$3,600	2	$3,600	2	$3,600
Magistrate (relief)	0.3	3,600	0.3	3,600	0.1	3,600
Salary range, $2,100 to $2,700; average, $2,400—						
Constable	2	2,496	2	2,496	2	2,436
Constable (relief)	0.3	2,496	0.3	2,496		
Alien employees: Office helpers	2	960	2	960	2	960
Differential reduction		15,941 47		15,941 47		14,352 47
Total average number of employees	6.6		6.6		6.1	
Total salaries and wages		15,894		15,894		14,305
Amount necessary to pay full 25 per cent over United States base rates		300				
Total amount required		16,194				
RECAPITULATION						
Field service:						
Salaries and wages—						
Civil affairs and customs—						
Number of employees	15		15		14.9	
Total salaries and wages		39,692		39,692		38,638
Bureau of posts—						
Number of employees	69.6		69.6		71.6	
Total salaries and wages		130,437		125,658		123,577
Division of schools—						
Number of employees	151		151		136.2	
Total salaries and wages		254,895		246,800		216,958
Police and fire division—						
Police and prisons—						
Number of employees	173.5		175.5		172.5	
Total salaries and wages		373,931		360,080		349,599
Fire protection—						
Number of employees	44		44		44.9	
Total salaries and wages		115,708		110,708		110,019
Total police and fire division—						
Number of employees	217.5		219.5		217.4	
Total salaries and wages		489,639		470,788		459,618
District court—						
Number of employees	7.2		7.2		7.1	
Total salaries and wages		25,800		25,860		21,762
District attorney—						
Number of employees	3		3		3	
Total salaries and wages		11,794		11,794		11,594
United States marshal—						
Number of employees	2.1		2.1		2.3	
Total salaries and wages		7,811		7,811		8,331
Magistrates' courts—						
Number of employees	6.6		6.6		6.1	
Total salaries and wages		16,194		15,894		14,305
Total personal service, civil government—						
Number of employees	472		474		458.6	
Total salaries and wages		944,812		944,237		894,783
CONSOLIDATED STATEMENT OF THE NUMBER OF EMPLOYEES AND AVERAGE SALARIES BY RANGES FOR THE FIELD SERVICE						
Civil government appropriation:						
Salary range—						
$7,500 and over	1.2	10,000	1.2	10,000	1.1	7,500
$6,000 to $7,500; average, $6,750	2	[1] 5,000	2	5,000	2	5,000
$5,000 to $6,000; average, $5,500	1	5,000	1	5,000	1	4,800
$3,800 to $5,000; average, $4,400	5	4,400	5	4,400	4.9	4,265
$3,300 to $3,900; average, $3,600	14.3	3,664	14.3	3,664	14.1	3,590
$3,000 to $3,600; average, $3,300	8	3,247	8	3,247	8	3,146
$2,700 to $3,300; average, $3,000	8	2,968	8	2,968	7.8	2,936
$2,400 to $3,000; average, $2,700	41.1	2,744	41.1	2,744	40.3	2,673
$2,100 to $2,700; average, $2,400	117.6	2,460	117.6	2,460	116.2	2,409
$1,860 to $2,400; average, $2,100	84.5	2,136	84.5	2,136	87.1	2,079
$1,680 to $2,040; average, $1,860	35	1,844	35	1,844	35.2	1,809
$1,500 to $1,860; average, $1,680	15	1,665	15	1,665	14	1,620
$1,320 to $1,680; average, $1,500	1	1,500	1	1,500	1	1,410
$1,140 to $1,500; average, $1,320	1	1,320	1	1,320	1	1,320
$1,020 to $1,260; average, $1,140	6.3	1,181	6.3	1,181	7.9	1,162
$780 to $1,020; average, $900	1	900	1	900	1	960
$240 to $420; average, $330	1	300	1	300	1	300
Alien employees	129	858	131	855	115	751
Total	472	2,003	474	1,997	458.6	1,957
		945,393		946,698		897,253
Differential reduction		581		2,461		2,469
Total salaries and wages		944,812		944,237		894,784

[1] Positions carry $1,200 per annum additional for allowances.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Civil Government, Panama Canal and Canal Zone—Continued.					
CIVIL GOVERNMENT					
01 Personal services	$944,812.00	$944,237.00	$894,783.82		
Supplies and materials:					
0200 Stationery and office supplies	12,361.00	12,276.00	13,317.04		
0210 Medical and hospital supplies	25.00	25.00	15.65		
0220 Scientific and educational supplies	16,347.00	16,447.00	11,924.51		
0230 Fuel	2,051.00	2,051.00	2,030.94		
0240 Wearing apparel and sewing supplies	80.00	80.00	89.68		
0250 Forage and other supplies for animals	800.00	800.00	831.70		
0260 Provisions	10,860.00	10,860.00	10,743.53		
0270 Powder, projectiles, explosives, etc	350.00	350.00	347.41		
0280 Sundry supplies	6,178.00	6,211.00	5,640.79		
0290 Materials	3,749.00	3,716.00	3,516.23		
02 Total supplies and materials	52,801.00	52,816.00	48,458.38		
03 Subsistence and support of persons	11,800.00	11,800.00	11,702.50		
04 Subsistence and care of animals, etc	2,025.00	2,025.00	2,008.32		
Communication service:					
0500 Telegraph service	70.00	70.00	84.53		
0510 Telephone service	11,100.00	11,100.00	10,981.60		
05 Total communication service	11,170.00	11,170.00	11,066.13		
06 Travel expenses	7,005.00	7,005.00	6,548.11		
07 Transportation of things	33,901.00	33,901.00	32,405.13		
10 Furnishing of electricity and water	11,500.00	11,500.00	11,205.03		
11 Rent of buildings and structures	2,329.00	2,329.00	2,297.19		
12 Repairs and alterations	74,845.00	46,845.00	13,480.33		
13 Special and miscellaneous current expenses	21,100.00	21,100.00	20,846.52		
Equipment (includes livestock):					
3000 Passenger-carrying vehicles	500.00	500.00	480.46		
3010 Furniture, furnishings, and fixtures	19,934.00	5,194.00	6,335.14		
3020 Educational, scientific, and recreational equipment	13,200.00	13,200.00	2,094.42		
3040 Livestock	100.00	100.00	100.00		
3050 Other equipment	3,610.00	4,210.00	2,246.28		
30 Total equipment	37,344.00	23,204.00	11,256.30		
Total	1,210,632.00	1,167,932.00	1,066,057.76		
Classification of estimated collections (repaid to appropriation):					
01 Personal services	61,867.00	61,288.83	58,368.11		
07 Transportation of things	5,765.00	5,765.00	7,014.34		
Total	67,632.00	67,053.83	65,382.45		
RECAPITULATION OF CURRENT EXPENSES					
01 Personal services	882,945.00	882,948.17	836,415.71		
02 Supplies and materials	52,801.00	52,816.00	48,458.38		
03 Subsistence and support of persons	11,800.00	11,800.00	11,702.50		
04 Subsistence and care of animals	2,025.00	2,025.00	2,008.32		
05 Communication service	11,170.00	11,170.00	11,066.13		
06 Travel expense	7,005.00	7,005.00	6,548.11		
07 Transportation of things	28,136.00	28,136.00	25,390.79		
10 Furnishing of electricity and water	11,500.00	11,500.00	11,205.03		
11 Rent of buildings and structures	2,329.00	2,329.00	2,297.19		
12 Repairs and alterations	74,845.00	46,845.00	13,480.33		
13 Special and miscellaneous current expenses	21,100.00	21,100.00	20,846.52		
30 Equipment	37,344.00	23,204.00	11,256.30		
Total	1,143,000.00	1,100,878.17	1,000,675.31		
RECAPITULATION					
01 Personal services	944,812.00	944,237.00	894,783.82		
02 Supplies and materials	52,801.00	52,816.00	48,458.38		
03 Subsisteuce and support of persons	11,800.00	11,800.00	11,702.50		
04 Subsistence and care of animals, etc	2,025.00	2,025.00	2,008.32		
05 Communication service	11,170.00	11,170.00	11,066.13		
06 Travel expense	7,005.00	7,005.00	6,548.11		
07 Transportation of things	33,901.00	33,901.00	32,405.13		
10 Furnishing of electricity and water	11,500.00	11,500.00	11,205.03		
11 Rent of buildings and structures	2,329.00	2,329.00	2,297.19		
12 Repairs and alterations	74,845.00	46,845.00	13,480.33		
13 Special and miscellaneous current expenses	21,100.00	21,100.00	20,846.52		
30 Equipment	37,344.00	23,204.00	11,256.30		
Total	1,210,632.00	1,167,932.00	1,066,057.76		
Less estimated collections	67,632.00	67,053.83	65,382.45		
Current expenses	1,143,000.00	1,100,878.17	1,000,675.31		
Appropriated and available		1,100,000.00	1,001,553.48		
Savings from 1927 carried to 1928		878.17	878.17		
Required to be appropriated for 1929	1,143,000.00				
Total, Panama Canal, [$7,600,000] *$8,660,000*, to be available until expended				$8,660,000.00	$7,600,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
The governor of the Panama Canal, so far as the expenditure of appropriations contained in this act may be under his direction, shall, when it is more economical, purchase needed materials, supplies, and equipment from available surplus stocks of the War Department (*act Feb. 23, 1927, vol. 44, p. 1146*).		
In addition to the foregoing sums there is appropriated for the fiscal year [1928] *1929* for expenditures and reinvestment under the several heads of appropriation aforesaid, without being covered into the Treasury of the United States, all moneys received by the Panama Canal from services rendered or materials and supplies furnished to the United States, the Panama Railroad Company, the Canal Zone government, or to their employees, respectively, or to the Panama Government, from hotel and hospital supplies and services; from rentals, wharfage, and like service; from labor, materials, and supplies and other services furnished to vessels other than those passing through the canal, and to others unable to obtain the same elsewhere; from the sale of scrap and other by-products of manufacturing and shop operations; from the sale of obsolete and unserviceable materials, supplies, and equipment purchased or acquired for the operation, maintenance, protection, sanitation, and government of the canal and Canal Zone; and any net profits accruing from such business to the Panama Canal shall annually be covered into the Treasury of the United States (*same act*).		
In addition there is appropriated for the operation, maintenance, and extension of waterworks, sewers, and pavements in the cities of Panama and Colon, during the fiscal year [1928] *1929*, the necessary portions of such sums as shall be paid as water rentals or directly by the Government of Panama for such expenses (*same act*).		
SUMMARY		
Total military activities, including departmental	$310, 902, 655. 00	$282, 118, 885. 00
Total nonmilitary activities, excluding National Home for Disabled Volunteer Soldiers and Panama Canal	70, 915, 188. 00	69, 813, 312. 00
Total military and nonmilitary activities, exeluding National Home for Disabled Volunteer Soldiers and Panama Canal	381, 817, 843. 00	351, 932, 197. 00
National Home for Disabled Volunteer Soldiers	8, 345, 300. 00	8, 325, 132. 00
Total under War Department, including National Home for Disabled Volunter Soldiers and excluding Panama Canal	390, 163, 143. 00	360, 257, 329. 00
Panama Canal	8, 660, 000. 00	7, 600, 000. 00
Total under War Department, including National Home for Disabled Volunteer Soldiers and Panama Canal	398, 823, 143. 00	367, 857, 329. 00

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

CHAPTER XIII.—DISTRICT OF COLUMBIA

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That in order to defray the expenses of the District of Columbia for the fiscal year ending June 30, [1928] *1929*, any revenue (not including the proportionate share of the United States in any revenue arising as the result of the expenditure of appropriations made for the fiscal year 1924 and prior fiscal years) now required by law to be credited to the District of Columbia and the United States in the same proportion that each contributed to the activity or source from whence such revenue was derived shall be credited wholly to the District of Columbia, and, in addition, $9,000,000 is appropriated, out of any money in the Treasury not otherwise appropriated, to be advanced July 1, [1927] *1928*, and all the remainder out of the combined revenues of the District of Columbia and such advances from the Federal Treasury as are authorized in the District of Columbia appropriation act for the fiscal year 1923, namely:

Executive Office, District of Columbia—

For personal services in accordance with the classification act of 1923, [$43,240] *$43,700*, plus so much as may be necessary to make salary of engineer commissioner $7,500: *Provided*, That in expending appropriations or portions of appropriations contained in this act for the payment for personal services in accordance with the classification act of 1923, the average of the salaries of the total number of persons under any grade in any bureau, office, or other appropriation unit shall not at any time exceed the average of the compensation rates specified for the grade by such act, and in grades in which only one position is allocated the salary of such position shall not exceed the average of the compensation rates for the grade, except that in unusually meritorious cases of one position in a grade advances may be made to rates higher than the average of the compensation rates of the grade, but not more often than once in any fiscal year, and then only to the next higher rate: *Provided*, That this restriction shall not apply (1) to grades 1, 2, 3, and 4 of the clerical-mechanical service; (2) to require the reduction in salary of any person whose compensation was fixed, as of July 1, 1924, in accordance with the rules of section 6 of such act; (3) to require the reduction in salary of any person who is transferred from one position to another position in the same or different grade in the same or a different bureau, office, or other appropriation unit; or (4) to prevent the payment of a salary under any grade at a rate higher than the maximum rate of the grade when such higher rate is permitted by the classification act of 1923 and is specifically authorized by other law (*act Mar. 2, 1927, vol. 44, p. 1297*) ..... $43,700.00 | $43,240.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Salaries:						
Clerical, administrative, and fiscal service—	*Average—*		*Average—*		*Average—*	
Grade 14, $7,500 and over—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Special executive officer (commissioner)	2	$7,500	2	$7,500	2	$7,500
Grade 11, $3,800 to $5,000; average, $4,400—						
Administrative officer (secretary to board)	1	4,600	1	4,600	1	4,400
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk-stenographer (assistant secretary to commissioner)	3	2,280	3	2,180	3	2,222
Grade 5, $1,860 to $2,400; average, $2,100—						
Senior clerk	1	2,100	1	2,100	1	2,000
Senior clerk-stenographer	1	2,000	1	1,920	1	1,860
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	1	1,800	1	1,800	1	1,800
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	3	1,660	3	1,660	3	1,620
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk-stenographer	1	1,380	1	1,320	1.1	1,320
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	3	1,320	3	1,300	2.3	1,282
Custodial service—						
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger	1	1,080	1	1,080	1.3	1,080
Total average number of employees	17		17		16.7	
01 Total salaries		43,700.00		43,240.00		42,249.71
The difference between 1929 and 1928 is due to increase in salaries, $460.						

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Executive Office, District of Columbia—Continued. Purchasing division: For personal services in accordance with the classification act of 1923 (*act Mar. 2, 1927, vol. 44, p. 1298*)	$53,500.00	$50,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Salaries:						
Clerical, administrative, and fiscal service—	*Average—*		*Average—*		*Average—*	
Grade 11, $3,800 to $5,000; average, $4,400—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Administrative officer (purchasing officer)	1	$4,600	1	$4,600	1	$4,400
Grade 8, $2,700 to $3,300; average, $3,000—						
Administrative assistant (deputy purchasing officer)	1	3,000	1	3,000	1	3,000
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk (assistant purchasing officer)	1	2,500	1	2,500	1	2,400
Grade 5, $1,860 to $2,400; average, $2,100—						
Senior clerk	2	2,100	2	2,100	2	2,050
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	3	1,860	3	1,820	3	1,780
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	2	1,590	2	1,560	3	1,600
Assistant clerk-stenographer	1	1,740	1	1,740	0.8	1,560
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	6	1,420	6	1,410	5.3	1,410
Junior clerk-typist	1	1,560	1	1,560	1	1,500
Junior clerk-stenographer	2	1,470	2	1,410	1.9	1,420
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk					0.9	1,140
Underclerk-typist	5	1,240	5	1,224	5	1,206
Subprofessional service—						
Grade 5, $1,680 to $2,040; average, $1,860—						
Engineering inspector (foreman)	1	1,800	1	1,740	1	1,740
Grade 4, $1,500 to $1,860; average, $1,680—						
Assistant engineering field aide (inspector)	1	1,500	1	1,500	0.3	1,500
Grade 3, $1,320 to $1,680; average, $1,500—						
Junior engineering inspector (foreman)					0.3	1,380
Custodial service—						
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger	3	1,060	3	1,060	2.9	1,073
Number of employees	30		30		30.8	
Salaries		50,500.00		50,000.00		50,164.44
New position recommended for 1929:						
Clerical, administrative, and fiscal service—						
Grade 9, $3,000 to $3,600; average, $3,300—						
Editor (printing and binding estimator)	1	3,000				
Total average number of employees	31		30		30.8	
01 Total salaries		53,500.00		50,000.00		50,164.49
The difference between 1928 and 1929 due to—						
New position, grade 9	$3,000					
Increase in salaries	500					
Total increase	3,500					

Building inspection division: For personal services in accordance with the classification act of 1923 (*acts Mar. 3, 1879, vol. 20, p. 405, sec. 1; Mar. 2, 1927, vol. 44, p. 1298*)	107,320.00	105,520.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Salaries:						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
Grade 5, $5,200 to $6,000; average, $5,600—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Senior engineer (inspector of buildings)	1	$5,200	1	$5,200	0.8	$5,200
Grade 4, $3,800 to $5,000; average, $4,400—						
Engineer (inspector of buildings)					0.1	4,400
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate engineer	7	3,000	5	3,000	3.7	3,000
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant engineer	5	2,400	7	2,400	6.3	2,415
Subprofessional service—						
Grade 8, $2,400 to $3,000; average, $2,700—						
Chief engineer inspector (superintendent)	1	2,400	1	2,400	1.7	2,400
Grade 7, $2,100 to $2,700; average, $2,400—						
Principal engineering inspector (superintendent)	14	2,120	15	2,120	5.7	2,121
Grade 6, $1,860 to $2,400; average, $2,100—						
Senior engineering inspector (foreman)	6	1,900	6	1,860	8.1	1,920
Grade 6, $1,860 to $2,400; average, $2,100—						
Senior engineering draftsman	1	1,860	1	1,860	0.5	1,860
Grade 5, $1,680 to $2,040; average, $1,860—						
Engineering inspector (foreman)					7.7	1,690
Grade 4, $1,500 to $1,860; average, $1,680—						
Assistant engineering draftsman					0.5	1,680
Grade 4, $1,500 to $1,860; average, $1,680—						
Assistant engineering field aid	1	1,500	1	1,500	0.7	1,560
Clerical, administrative, and fiscal service—						
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant	1	2,400	1	2,400	0.4	2,400
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk					0.7	2,100

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Executive Office, District of Columbia—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Salaries—Continued.						
Clerical, administrative, and fiscal service—Con.	*Average—*		*Average—*		*Average—*	
Grade 4, $1,680 to $2,040; average, $1,860—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Clerk	1	$1,860	1	$1,860	0.7	$1,860
Clerk-stenographer (secretary to assistant engineer commissioner)	1	1,860	1	1,860	0.7	1,860
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	4	1,605	4	1,605	3.4	1,605
Assistant clerk-stenographer (secretary to the inspector of buildings)	1	1,500	1	1,500	0.1	1,500
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	2	1,320	2	1,320	2.7	1,320
Junior stenographer					0.8	1,320
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	3	1,140	3	1,140	2.1	1,140
Junior typist	1	1,140	1	1,140	1	1,140
Custodial service—						
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger	1	1,020	1	1,020	1	1,020
Total average number of employees	51		52		49.3	
01 Total salaries		107,320.00		105,520.00		98,520.10
The difference between 1929 and 1928 is due to—						
Reallocation increases	$3,660					
Increases in salaries	240					
Total	3,900					
Reduction in force	2,100					
Net increase	1,800					

Plumbing inspection division: For personal services in accordance with the classification act of 1923, [$28,500] *$29,700*, for temporary employment of additional assistant inspectors of plumbing and laborers for such time as their services may be required, [$4,000] *$5,000*; two members of plumbing board, at $150 each; in all (*acts Jan. 25, 1881, vol. 21, p. 318; Mar. 2, 1927, vol. 44, p. 1298*) $35,000.00 $32,800.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Salaries:						
Subprofessional service—	*Average—*		*Average—*		*Average—*	
Grade 7, $2,100 to $2,700; average, $2,400—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Assistant inspector (principal assistant)	1	$2,200	1	$2,200	1	$2,200
Grade 6, $1,860 to $2,400; average, $2,100—						
Assistant inspector (second assistant)	1	1,920	1	1,920	1	1,920
Assistant inspector	3	1,920	9	1,860	7	1,680
Assistant inspector	6	1,860				
Grade 3, $1,320 to $1,680; average, $1,500—						
Assistant inspector	1	1,440	1	1,440		
Clerical, administrative, and fiscal service—						
Grade 8, $2,700 to $3,300; average, $3,000—						
Inspector of plumbing (chief)	1	2,700	1	2,700	1	2,700
Grade 3, $1,500 to $1,860; average, $1,680—						
Clerk (acting chief)	1	1,620	1	1,560	1	1,560
Grade 2, $1,320 to $1,680; average, $1,500—						
Clerk	1	1,500	1	1,500	1	1,500
Grade 1, $1,140 to $1,500; average, $1,320—						
Clerk	1	1,320	1	1,260	1	1,260
	16	29,700	16	28,500	13	22,900
Temporary services—						
Subprofessional service—						
Grade 6, $1,860 to $2,400; average, $2,100—						
Assistant inspector	4	1,250	3	1,333	4	1,000
Plumbing board—						
Compensation of 2 members		300		300		300
Total average number of employees	20		19		17	
01 Total salaries		35,000		32,800		27,200
The difference between 1929 and 1928 is due to—						
Reallocation increases	$820					
Increase in salaries	380					
Increase in temporary services	1,000					
Total increase	2,200					

Total, executive office, District of Columbia 239,520.00 231,560.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Care of District Building, District of Columbia—		
For personal services in accordance with the classification act of 1923, [$47,260] *$47,800*; services of cleaners as necessary, not to exceed 48 cents per hour, $14,000; in all, [$61,260] *$61,800*: *Provided*, That no other appropriation made in this act shall be available for the employment of additional assistant engineers or watchmen for the care of the District Building (*act Mar. 2, 1927, vol. 44, pt. 2, p. 1298*)	$61,800.00	$61,260.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Salaries:						
Clerical, administrative, and fiscal service—						
Grade 9, $3,000 to $3,600; average, $3,300—	*Average*—		*Average*—		*Average*—	
Senior administrative assistant (superintendent District Building)	*No.* 1	*Salary* $3,200	*No.* 1	*Salary* $3,200	*No.* 0.5	*Salary* $3,000
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	1	1,320	1	1,320	1	1,320
Custodial service—						
Grade 10, $2,400 to $3,000; average, $2,700—						
Chief mechanical superintendent					0.5	3,000
Grade 8, $1,860 to $2,400; average, $2,100						
Principal mechanic	1	2,300	1	2,200	1	2,100
Grade 6, $1,500 to $1,860; average, $1,680—						
Mechanic	3	1,620	3	1,620	3	1,620
Mechanic	1	1,740	1	1,740	1	1,740
Grade 5, $1,320 to $1,680; average, $1,500—						
Junior mechanic	1	1,320	1	1,320	1	1,320
Principal guard	1	1,440	1	1,440	1	1,380
Grade 4, $1,140 to $1,500; average, $1,320—						
Undermechanic	4	1,200	4	1,200	4	1,200
Undermechanic	1	1,260	1	1,260	1	1,260
Guard	1	1,140	1	1,140	1	1,140
Grade 3, $1,020 to $1,260; average, $1,140—						
Guard	1	1,080	1	1,080	1	1,080
Guard	6	1,020	6	1,020	6	1,012
Grade 2, $900 to $1,140; average, $1,020—						
Subordinate mechanic	18	957	9	960	8	956
Junior mechanic			9	900	10	874
Total average number of employees	40		40		40	
01 Total salaries		47,800.00		47,260.00		46,285.00
The difference between 1929 and 1928 is due to increase in salaries, $540.						
Cleaner		14,000.00		14,000.00		13,999.57
						60,284.57
Unobligated balance						372.61
Total		61,800.00		61,260.00		60,657.18

For fuel, light, power, repairs, laundry, mechanics, and labor not to exceed $5,000, and miscellaneous supplies [including not to exceed $2,000 for new air compressor for pneumatic tube system, $35,000], *including not to exceed $1,800 for purchase and installation of elevator hatchway door interlocks (same act)* — $34,500.00 | $35,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Fuel	$13,000.00	$13,000.00	$12,579.73
Light	1,000.00	1,000.00	1,151.05
Power	1,000.00	1,000.00	1,199.70
Repairs	7,000.00	4,400.00	6,548.55
Laundry	100.00	100.00	83.30
Mechanic	5,000.00	4,000.00	4,874.51
Labor	2,600.00	5,000.00	2,806.28
Miscellaneous supplie	3,000.00	4,500.00	4,144.43
1 new air compressor		2,000.00	
Elevator hatchway door interlocks	1,800.00		
Balance			112.45
Total	34,500.00	35,000.00	33,500.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Assessor's Office, District of Columbia— For personal services in accordance with the classification act of 1923, [$171,120] *$178,280*; temporary clerk hire, $3,000; in all (*act Mar. 2, 1927, vol. 44, p. 1298*)	$181,280.00	$174,120.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Salaries:						
Clerical, administrative, and fiscal service—	*Average—*		*Average—*		*Average—*	
Grade 12, $5,200 to $6,000; average, $5,600—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Senior administrative officer (assessor)	1	$5,400	1	$5,200	1	$5,200
Grade 10, $3,300 to $3,900; average, $3,600—						
Junior administrative officer	8	3,400	8	3,300	6	3,300
Grade 6, $2,000 to $2,700; average, $2,400—						
Principal clerk	3	2,367	3	2,367	3	2,400
Grade 5, $1,860 to $2,400; average, $2,100—						
Senior clerk	10	2,060	10	2,050	8	2,052
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	5	1,788	5	1,776	4	1,815
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	20	1,557	20	1,557	14	1,577
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	41	1,405	41	1,405	37	1,435
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	9	1,320	9	1,260	15	1,224
Subprofessional service:						
Grade 6, $1,860 to $2,400; average, $2,100—						
Senior engineer draftsman	1	1,920	1	1,920	1	1,860
Custodial service:						
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger	1	1,020	1	1,020	1	1,020
Number of employees	99		99		90	
Salaries		172,820		171,120		152,240
New positions recommended:						
Clerical, administrative, and fiscal service—						
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	1	1,680				
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	1	1,320				
Transfer of per diem positions to annual roll—						
Clerical, administrative, and fiscal service—						
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	1	1,320				
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	1	1,140				
Total average number of employees	103		99		90	
Total salaries		178,280		171,120		152,240
The difference between 1929 and 1928 is due to—						
Increase in salaries	$1,700					
New positions	3,000					
Transfer of per diem positions	2,460					
Total increase	7,160					
Temporary clerk hire		3,000		3,000		3,000
01 Total personal services		181,280		174,120		155,240

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
License Bureau, District of Columbia— For personal services in accordance with the classification act of 1923, [$17,640] *$17,760*; temporary clerk hire, $1,500; in all (*act Mar. 2, 1927, vol. 44, p. 1298*)	19,260.00	19,140.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Salaries:						
Clerical, administrative, and fiscal service—						
Grade 8, $2,700 to $3,300; average, $3,000—	*Average—*		*Average—*		*Average—*	
Senior administrative assistant (superintendent of licenses)	*No.* 1	*Salary* $3,000	*No.* 1	*Salary* $3,000	*No.* 1	*Salary* $3,000
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	1	1,860	1	1,860	1	1,860
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	2	1,620	2	1,590	2	1,590
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	5	1,464	5	1,464	5	1,485
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	1	1,260	1	1,260	2	1,260
Custodial service—						
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger	1	1,080	1	1,020	1	1,020
Total average number of employees	11		11		12	
Total salaries		17,760.00		17,640.00		17,419.83
The difference between 1929 and 1928 is due to increase in salaries, $120.						
Temporary clerk hire		1,500.00		1,500.00		1,491.46
01 Total personal services		19,260.00		19,140.00		18,911.29

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Collector's Office, District of Columbia—		
For personal services in accordance with the classification act of 1923, [$38,600] *$41,660; temporary clerk hire, $1,000; in all* (*act Mar. 2, 1927, vol. 44, p. 1298*)	$42,660.00	$38,600.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Salaries:						
Clerical, administrative, and fiscal service—	*Average*—		*Average*—		*Average*—	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 12, $5,200 to $6,000; average, $5,600—						
Senior administrative officer (collector of taxes)	1	$5,400	1	$5,400	1	$5,400
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant (deputy collector of taxes)	1	2,700	1	2,700	1	2,700
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	1	2,200	1	2,200	1	2,150
Grade 5, $1,860 to $2,400; average, $2,100—						
Senior clerk	2	1,860	2	1,860	2	1,830
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	4	1,770	4	1,725	3	1,715
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	6	1,620	6	1,600	6	1,599
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	5	1,416	5	1,404	6	1,316
Custodial service—						
Grade 3, $900 to $1,260; average, $1,080—						
Messenger	1	1,020	1	1,020	1	1,020
Number of employees	21		21		21	
Salaries		38,960		38,600		37,565
New position recommended—						
Clerical, administrative, and fiscal service—						
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	1	1,320				
Transfer of per diem position to annual roll—						
Clerical, administrative, and fiscal service—						
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	1	1,380				
Total average number of employees	23		21		21	
Salaries		41,660		38,600		37,565
Temporary clerk hire		1,000				
01 Total salaries		42,660		38,600		37,565
The difference between 1929 and 1928 is due to—						
Increase in salaries	$360					
New position	1,320					
Transfer of per diem position	1,380					
Temporary clerk hire	1,000					
Total increase	4,060					

	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Auditor's Office, District of Columbia—		
For personal services in accordance with the classification act of 1923, [$88,640] *$99,760*, and the compensation of the present incumbent of the position of disbursing officer of the District of Columbia shall be exclusive of his compensation as United States property and disbursing officer for the National Guard of the District of Columbia (*act Mar. 2, 1927, vol. 44, p. 1298*)	$99,760.00	$88,640.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Salaries:						
Clerical, administrative, and fiscal service—	*Average*—		*Average*—		*Average*—	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 13, $6,000 to $7,500; average, $6,750—						
Executive officer (auditor)	1	$6,000	1	$6,000	0.5	$6,000
Grade 12, $5,200 to $6,000; average, $5,600—						
Senior administrative officer (auditor)					0.5	5,600
Grade 9, $3,000 to $3,600; average, $3,300—						
Assistant auditor	1	3,300	1	3,300	1	3,233
Deputy auditor	1	3,100	1	3,100	1	3,033
Disbursing officer	1	3,300	1	3,300	1	3,300
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant	4	2,560	4	2,525	3.4	2,530
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	3	2,233	2.8	2,241	2.8	2,259
Grade 5, $1,860 to $2,400; average, $2,100—						
Senior clerk	2	1,860	2	1,860	2	1,907
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	14	1,749	14	1,749	14.1	1,744
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	12	1,553	12	1,530	11.5	1,540
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	4	1,361	4	1,350	3.8	1,355
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	3	1,220	3	1,180	3.1	1,178

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Auditor's Office, District of Columbia—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Salaries—Continued.						
Custodial service—	*Average—*		*Average—*		*Average—*	
Grade 3, $1,020 to $1,260; average, $1,140—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Messenger	1	$1,020	1	$1,020	1	$1,020
Total number of employees	47		46.8		45.1	
Total salaries		89,305		88,640		86,617
Positions transferred from per diem roll:						
Clerical, administrative, and fiscal service—						
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	3	1,320				
New positions recommended for 1929:						
Clerical, administrative, and fiscal service—						
Grade 5, $1,860 to $2,400; average, $2,100—						
Senior clerk	1	1,860				
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	3	1,500				
Total average number of employees	54		46.8		45.9	
01 Total salaries		99,760		88,640		86,517
The difference between 1929 and 1928 is due to—						
Positions transferred from per diem roll	$3,960					
New positions	6,360					
Reallocation increases (net)	320					
Increase in salaries	480					
Total increase	11,120					

Office of Corporation Counsel, District of Columbia—

Corporation counsel, including extra compensation as general counsel of the Public Utilities Commission, $7,500, and other personal services in accordance with the classification act of 1923, [$38,460] *$47,420*; in all (*act Mar. 2, 1927, vol. 44, p. 1298*) $54,920.00 $45,960.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Salaries:						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
Grade 7, $7,500—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Special attorney (corporation counsel)	1	$7,500	1	$7,500	1	$6,000
Grade 5, $5,200 to $6,000; average, $5,600—						
Senior attorney (principal assistant corporation counsel)	1	5,600	1	5,600	1	5,200
Grade 4, $3,800 to $5,000; average, $4,400—						
Attorney	2	4,200	2	4,000	1	4,000
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate attorney	2	3,150	2	3,050	3	3,033
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant attorney	4	2,475	4	2,425	3	2,400
Clerical, administrative, and fiscal service—						
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	1	2,300	1	2,200	1	2,150
Grade 5, $1,860 to $2,400; average, $2,100—						
Secretary-stenographer	1	1,920	1	1,860	1	1,920
Grade 4, $1,680 to $2,040; average, $1,860—						
Senior clerk-stenographer	1	1,920	1	1,920		
Grade 3, $1,500 to $1,860; average, $1,680—						
Senior stenographer	2	1,560	2	1,560	2	1,545
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior stenographer					1	1,380
New positions recommended—						
Professional and scientific service—						
Grade 5, $5,200 to $6,000; average, $5,600—						
Senior attorney	1	5,200				
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate attorney	1	3,000				
Total average number of employees	17		15		14	
01 Total salaries		54,920		45,960		40,040
The difference between 1929 and 1928 is due to—						
New positions	$8,200					
Increases in salaries	760					
Total increase	8,960					

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Coroner's Office, District of Columbia—		
For personal services in accordance with the classification act of 1923 (*act Mar. 2, 1927, vol. 44, p. 1298*)	$9,060.00	$8,960.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Salaries:						
Professional and scientific service—	*Average*—		*Average*—		*Average*—	
Grade 3, $3,000 to $3,600; average, $3,300—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Associate medical officer (coroner)	1	$3,300	1	$3,200	1	$3,200
Grade 1, $1,860 to $2,400; average, $2,100—						
Junior medical officer (deputy coroner)	1	1,860	1	1,860		
Custodial service—						
Grade 6, $1,500 to $1,860; average, $1,680—						
General foreman of laborers (morgue master)	1	1,680	1	1,680	1	1,620
Grade 4, $1,140 to $1,500; average, $1,320—						
Assistant foreman of laborers (assistant morgue master)	1	1,260	1	1,260	1	1,260
Grade 2, $900 to $1,140; average, $1,020—						
Junior laborer (laborer and janitor)	1	960	1	960	1	960
Total average number of employees	5		5		4	
01 Total salaries		9,060.00		8,960.00		7,039.92
The difference between 1929 and 1928 is due to increase in salaries, $100.						

For the maintenance of a nonpassenger-carrying motor wagon for the morgue, jurors' fees, witness fees, making autopsies, ice, disinfectants, telephone service, and other necessary supplies [for the morgue], *repairs to the morgue, including not to exceed $6,000 for reconstructing the morgue wharf*, and the necessary expenses of holding inquests, including stenographic services in taking testimony, and photographing unidentified bodies (*same act*) — 10,000.00 — 3,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Office supplies	$25.00	$25.00	$19.36
Gasoline, oil, tires, tubes, and repairs to truck	100.00	100.00	89.22
Fuel, lighting, ice	275.00	275.00	230.51
Witness and jurors' fees	2,700.00	2,200.00	3,520.00
Expenses of autopsies	400.00	400.00	1,285.00
Repairs to morgue	500.00		454.14
Unexpended balance			1.77
Reconstructing morgue wharf	6,000.00		
Total	10,000.00	3,000.00	5,600.00

Office of Superintendent of Weights, Measures, and Markets, District of Columbia—
For personal services in accordance with the classification act of 1923 (*acts Mar. 3, 1921, vol. 41, p. 1217; Mar. 2, 1927, vol. 44, p. 1297*) — 39,700.00 — 39,980.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Salaries:						
Clerical, administrative, and fiscal service—	*Average*—		*Average*—		*Average*—	
Grade 10, $3,300 to $3,900; average, $3,600—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Junior administrative officer (superintendent)	1	$3,400	1	$3,300	0.3	$3,200
Grade 9, $3,000 to $3,600; average, $3,300—						
Junior administrative officer (superintendent)					0.9	3,300
Grade 5, $1,860 to $2,400; average, $2,100—						
Market master	1	1,860	1	1,860		
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk-stenographer	1	1,740	1	1,740	1	1,740
Market master	1	1,680	1	1,680	0.2	1,680
Grade 3, $1,500 to $1,860; average, $1,680—						
Market master	1	1,560	2	1,500	0.2	1,500
Market master					0.9	1,440
Market master					1	1,500
Grade 2, $1,320 to $1,680; average, $1,500—						
Market master					0.9	1,440
Subprofessional service—						
Grade 7, $2,100 to $2,700; average, $2,400—						
Chief inspector	1	2,100	1	2,100	0.8	2,100
Grade 6, $1,860 to $2,400; average, $2,100—						
Chief inspector					0.4	2,000
Grade 5, $1,680 to $2,040; average, $1,860—						
Inspector	6	1,780	6	1,720	5.9	1,720

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Office of Superintendent of Weights, Measures, and Markets, District of Columbia—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Salaries—Continued.						
Custodial service—	*Average*—		*Average*—		*Average*—	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 7, $1,680 to $2,040; average, $1,860—						
Market master					0.9	$1,740
Grade 4, $1,140 to $1,500; average, $1,320—						
Assistant market master	1	$1,260	3	$1,200	3	1,200
	2	1,200	1	1,140	1	1,140
Grade 3, $1,020 to $1,260; average, $1,140—						
Watchman	1	1,080	1	1,080	1	1,080
Grade 2, $900 to $1,140; average, $1,020—						
Laborer	4	960	4	960	4	960
	7	900	7	900	5	900
New position recommended:						
Subprofessional service:						
Grade 5, $1,680 to $2,040; average, $1,860	1	1,680				
Total number employees	28		29		21.5	
Total salaries		39,700.00		39,980.00		36,753.28
The difference between 1929 and 1928 is due to—						
Elimination of two positions	$2,640					
Increase in salaries	$680					
One new position	1,680					
	2,360					
Net decrease	280					

For purchase of commodities, including personal services, in connection with investigation and detection of sales of short weight and measure (*acts Mar. 3, 1921, vol. 41, p. 1217; Mar. 2, 1927, vol. 44, p. 1297*) ..... $500.00 | $500.00

Purchase of commodities, etc.: Expenditures—1929, $500; 1928, $500; 1927, $272.36.

For maintenance and repairs to markets, [including salary of engineer for refrigerating plant at not exceeding $1,200 per annum] (*same acts*) ..... 6,000.00 | 9,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Repairs	$3,000.00	$5,500.00	$5,532.71
Lighting and power	2,500.00	2,900.00	2,814.56
Supplies	500.00	600.00	594.06
Total	6,000.00	9,000.00	8,957.31

For maintenance and repair of [five] *seven* [motor trucks] *nonpassenger-carrying motor vehicles* (*same acts*) ..... 2,500.00 | 1,600.00

For maintenance of motor trucks: Expenditures—1929, $2,500; 1928, $1,600; 1927, $1,494.94.

For the [exchange] *purchase* of [two] *one* nonpassenger-carrying motor [vehicles] *vehicle* [$1,200, to be immediately available] (*same acts*) ..... 500.00 | 1,200.00

Purchase nonpassenger-carrying motor vehicles: Expenditures—1929, $500; 1928, $1,200; 1927, $650.

Salaries, Highways Department, District of Columbia—

For personal services in accordance with the classification act of 1923 (*act Mar. 2, 1927, vol. 44, p. 1299*) ..... 193,000.00 | 192,220.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Salaries:						
Professional and scientific service—	*Average*—		*Average*—		*Average*—	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 5, $5,200 to $6,000; average, $5,600—						
Senior engineer (engineer of highways)	1	$5,600	1	$5,600	1	$5,600
Grade 4, $3,800 to $5,000; average, $4,400—						
Engineer (deputy engineer of highways; construction engineer; maintenance engineer)	3	3,933	3	3,933	2	4,000
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate engineer	4	3,250	4	3,200	4	3,175
Associate scientist	1	3,000	1	3,000	1	3,000
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant engineer	14	2,650	14	2,650	14	2,643
Grade 1, $1,860 to $2,400; average, $2,100—						
Junior engineer	1	1,920	1	1,860	1	1,860

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries, Highways Department, District of Columbia—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Salaries—Continued.						
Subprofessional service—	*Average—*		*Average—*		*Average—*	
Grade 7, $2,100 to $2,700; average, $2,400—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Principal engineering inspector	4	$2,100	4	$2,100	4	$2,100
Grade 6, $1,860 to $2,400; average, $2,100—						
Senior engineering field aid	6	1,920	6	1,900	6	1,880
Senior engineering inspector	5	1,948	5	1,948	5	1,948
Grade 5, $1,680 to $2,040; average, $1,860—						
Engineering draftsman	1	1,860	1	1,860	1	1,800
Engineering inspector	2	1,800	2	1,800	2	1,740
Grade 4, $1,500 to $1,860; average, $1,680—						
Assistant engineering field aid	4	1,545	4	1,545	5	1,524
Assistant scientific aid	1	1,560	1	1,560	1	1,560
Grade 2, $1,140 to $1,500; average, $1,320—						
Apprentice engineering aid	6	1,150	6	1,150	7	1,140
Clerical, administrative, and fiscal service—						
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant	1	2,700	1	2,700	1	2,700
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	1	2,400	1	2,400	1	2,400
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	1	1,860	1	1,800	1	1,800
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	4	1,680	4	1,665	4	1,665
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	7	1,423	7	1,423	7	1,414
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	1	1,260	1	1,200	1	1,200
Custodial service—						
Grade 8, $1,860 to $2,400; average, $2,100—						
Principal mechanic	2	2,200	2	2,200	2	2,200
Grade 7, $1,680 to $2,040; average, $1,860—						
Senior mechanic	15	1,824	15	1,816	15	1,808
Grade 5, $1,320 to $1,680; average, $1,560—						
Junior mechanic	4	1,405	4	1,395	4	1,395
Grade 3, $1,020 to $1,260; average, $1,140—						
Guard	4	1,080	4	1,080	6	1,060
Messenger	3	1,080	3	1,080	3	1,080
Grade 2, $960 to $1,140; average, $1,020—						
Junior laborer	1	960	1	900	1	900
Total average number of employees	97		97		100	
01 Total salaries		193,000		192,220		193,300
The difference between 1929 and 1928 is due to increase in salaries, $780.						

Salaries, Sewer Department, District of Columbia—

For personal services in accordance with the classification act of 1923 (*act Mar. 2, 1927, vol. 44, p. 1299*) $174,300.00 $173,720.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Salaries:						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
Grade 5, $5,200 to $6,000; average, $5,600—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Senior engineer (sanitary engineer)	1	$5,600	1	$5,600	1	$5,600
Grade 4, $3,800 to $5,000; average, $4,400—						
Engineer	1	4,400	1	4,400	1	4,200
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate engineer	3	3,300	3	3,300	3	3,200
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant engineer	2	2,600	2	2,600	2	2,600
Assistant engineer	1	2,600	1	2,600	1	2,600
Assistant engineer	1	2,500	1	2,500	1	2,500
Assistant engineer	1	2,400	1	2,400	1	2,400
Subprofessional service—						
Grade 8, $2,400 to $3,000; average, $2,700—						
Chief engineering draftsman	1	2,600	1	2,600	1	2,600
Grade 6, $1,860 to $2,400; average, $2,100—						
Senior engineering draftsman	2	2,100	2	2,100	2	2,100
Senior engineering inspector	1	2,100	1	2,100	1	2,100
Senior engineering inspector	2	1,920	2	1,920	2	1,860
Senior engineering inspector	8	1,860	8	1,860	8	1,860
Grade 5, $1,680 to $2,040; average, $1,860—						
Engineering draftsman	1	1,860	1	1,860	1	1,860
Engineering draftsman	1	1,800	1	1,800	1	1,800
Engineering draftsman	1	1,740	1	1,740	1	1,740
Engineering draftsman	1	1,680	1	1,680	1	1,680
Senior engineering aid	1	1,860	1	1,860	1	1,860
Senior engineering aid	1	1,800	1	1,800	1	1,800
Grade 4, $1,500 to $1,860; average, $1,680—						
Assistant engineering field aid	1	1,620	1	1,620	1	1,560
Assistant engineering field aid	1	1,560	1	1,560	1	1,560
Assistant engineering field aid	3	1,520	3	1,500	3	1,500
Grade 3, $1,320 to $1,680; average, $1,500—						
Junior engineering draftsman	1	1,440	1	1,440	1	1,440
Junior engineering draftsman	1	1,380	1	1,380	1	1,380
Junior engineering draftsman	3	1,380	3	1,320	3	1,320
Grade 2, $1,140 to $1,500; average, $1,320—						
Apprentice engineering field aid	3	1,200	3	1,140	3	1,140
Apprentice engineering field aid	2	1,140	2	1,140	2	1,140

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927		Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Salaries, Sewer Department, District of Columbia—Continued.								
		Average—		Average—		Average—		
	No.	Salary	No.	Salary	No.	Salary		
Salaries—Continued.								
Clerical, administrative, and fiscal service—								
Grade 7, $2,400 to $3,000; average, $2,700—								
Junior administrative assistant	1	$2,500	1	$2,500	1	$2,500		
Grade 4, $1,680 to $2,040; average, $1,860—								
Clerk	1	1,680	1	1,680	1	1,680		
Office draftsman	1	1,980	1	1,980	1	1,980		
Grade 3, $1,500 to $1,860; average, $1,680—								
Assistant clerk	3	1,680	3	1,680	3	1,680		
Assistant clerk	1	1,620	1	1,620	1	1,620		
Assistant clerk	1	1,500	1	1,500	1	1,500		
Grade 2, $1,320 to $1,680; average, $1,500—								
Junior clerk	1	1,500	1	1,500	1	1,500		
Junior clerk	4	1,380	4	1,380	4	1,380		
Junior clerk	4	1,350	4	1,320	4	1,320		
Junior clerk-typist	1	1,380	1	1,320	1	1,320		
Grade 1, $1,140 to $1,500; average, $1,320—								
Underclerk	1	1,140	1	1,140	1	1,140		
Custodial service—								
Grade 10, $2,400 to $3,000; average, $2,700—								
Chief mechanical superintendent	2	2,700	2	2,700	2	2,700		
Grade 8, $1,860 to $2,400; average, $2,100—								
Principal mechanic	1	2,100	1	2,100	1	2,000		
Grade 7, $1,680 to $2,040; average, $1,860—								
Senior mechanic	3	2,040	3	2,040	3	2,040		
Senior mechanic	2	1,920	2	1,920	2	1,920		
Senior mechanic	1	1,740	1	1,740	1	1,740		
Senior mechanic	3	1,680	3	1,680	3	1,680		
Grade 6, $1,500 to $1,860; average, $1,680—								
Mechanic	3	1,740	3	1,740	3	1,740		
Grade 5, $1,320 to $1,680; average, $1,500—								
Foreman of laborers	2	1,500	2	1,500	2	1,500		
Foreman of laborers	1	1,380	1	1,380	1	1,380		
Foreman of laborers	2	1,380	2	1,380	2	1,380		
Grade 4, $1,140 to $1,500; average, $1,320—								
Undermechanic	5	1,440	5	1,440	5	1,440		
Undermechanic	1	1,140	1	1,140	1	1,140		
Grade 3, $1,020 to $1,260; average, $1,140—								
Minor mechanic	1	1,200	1	1,200	1	1,200		
Minor mechanic	5	1,020	5	1,020	5	1,020		
Messenger	2	1,140	2	1,140	2	1,140		
Total number of employees	98		98		98			
01 Total salaries		174,300		173,720		172,820		
The difference between 1929 and 1928 is due to increase in salaries, $580.								
Salaries, Trees and Parking Department, District of Columbia— For personal services in accordance with the classification act of 1923 (*act Mar. 2, 1927, vol. 44, p. 1299*)							$19,080.00	$18,820.00
		Average—		Average—		Average—		
	No.	Salary	No.	Salary	No.	Salary		
Salaries:								
Professional service—								
Grade 4, $3,800 to $5,000; average, $4,400—								
Superintendent	1	$4,000	1	$4,000	0.8	$3,880		
Clerical, administrative, and fiscal service—								
Grade 10, $3,300 to $3,900; average, $3,600—								
Junior administrative officer (superintendent)					0.1	3,500		
Grade 4, $1,680 to $2,040; average, $1,860—								
Clerk (clerk)	1	1,920	1	1,860	1	1,860		
Grade 2, $1,320 to $1,680; average, $1,500—								
Junior clerk-stenographer (clerk)	1	1,380	1	1,320	1	1,320		
Subprofessional service—								
Grade 8, $2,400 to $3,000; average, $2,700—								
Assistant director of gardens (assistant superintendent)	1	2,600	1	2,600	1	2,600		
Grade 5, $1,680 to $2,040; average, $1,860—								
Senior foreman gardener (inspector)	1	1,680	1	1,680	0.1	1,680		
Grade 4, $1,500 to $1,860; average, $1,680—								
Head gardener (inspector)					0.9	1,560		
Head gardener (foreman)	5	1,536	5	1,524	5	1,516		
Total average number of employees	10		10		10			
Total salaries		19,260.00		19,000.00		18,746.53		
Deduct allowance value of house		180.00		180.00		180.00		
01 Cash payment, salaries		19,080.00		18,820.00		18,566.53		
The difference between 1929 and 1928 is due to—								
Reallocation	$80.00							
Increase in salaries	180.00							
Total increase	260.00							

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Office of Chief Clerk, Engineer Department, District of Columbia— For personal services in accordance with the classification act of 1923 (*act Mar. 2, 1927, vol. 44, p. 1299*)	$25,740.00	$24,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Salaries:						
Clerical, administrative, and fiscal service—	*Average—*		*Average—*		*Average—*	
Grade 10, $3,300 to $3,900; average, $3,600—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Junior administrative officer	1	$3,600	1	$3,600	1	$3,333
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant	1	2,700	1	2,700	1	2,700
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	2	1,800	2	1,800	2	1,788
Clerk-stenographer	1	1,800	1	1,800	1	1,788
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	1	1,620	1	1,600	1	1,459
Clerk-stenographer	2	1,620	2	1,600	2	1,459
Clerk-stenographer	1	1,560				
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	2	1,500	2	1,470	1	1,455
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	2	1,230	2	1,200	2	1,200
Custodial service—						
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger	2	1,080	2	1,080	1	1,080
Total number of employees	15		14		14	
Total salaries		25,740.00		24,000.00		23,246.88
The difference between 1929 and 1928 is due to—						
Increase in salaries	$180					
New position	1,560					
Total increase	1,740					

	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Central Garage, District of Columbia— For personal services in accordance with the classification act of 1923 (*act Mar. 2, 1927, vol. 44, p. 1299*)	4,860.00	4,800.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Salaries:						
Custodial service—	*Average—*		*Average—*		*Average—*	
Grade 8, $1,860 to $2,400; average, $2,111.42—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Principal mechanic	1	$2,100	1	$2,100	1	$2,000
Grade 4, $1,140 to $1,500; average, $1,320—						
Undermechanic	1	1,380	1	1,380	1	1,320
Clerical, administrative, and fiscal service—						
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	1	1,380	1	1,320	1	1,380
Total average number of employees	3		3		3	
01 Total salaries		4,860		4,800		4,700
The difference between 1929 and 1928 is due to increase in salary, $60.						

	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Municipal Architect's Office, District of Columbia— For personal services in accordance with the classification act of 1923 (*act Mar. 2, 1927, vol. 44, p. 1299*)	30,540.00	42,020.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Salaries:						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
Grade 5, $5,200 to $6,000; average, $5,600—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Senior engineer (municipal architect)	1	$5,400	1	$5,400	1	$5,400
Grade 4, $3,800 to $5,000; average, $4,400—						
Engineer	1	4,000	2	3,900	1	4,000
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate engineer					1	3,200
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant engineer	1	2,500	2	2,400	2	2,400
Subprofessional service—						
Grade 5, $1,680 to $2,040; average, $1,860—						
Engineering draftsman			2	1,740	2	1,740

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Municipal Architect's Office, District of Columbia—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Salaries—Continued.						
Clerical, administrative, and fiscal service—	*Average—*		*Average—*		*Average—*	
Grade 8, $2,700 to $3,300; average, $3,000—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Administrative assistant	1	$2,800				
Grade 5, $1,860 to $2,400; average, $2,100—						
Senior clerk	2	2,000	2	$2,000	2	$1,920
Grade 2, $1,320 to $1,680; average, $1,500—						
Senior typist	4	1,488	5	1,488	5	1,336
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	1	1,200	1	1,200		
Custodial service—						
Grade 10, $2,400 to $3,000; average, $2,700—						
Chief mechanical superintendent			1	2,700	1	2,583
Grade 8, $1,860 to $2,400; average, $2,100—						
Principal mechanic	1	1,860	1	1,860	1	1,845
Grade 7, $1,680 to $2,040; average, $1,860—						
Senior mechanic	1	1,800	1	1,800	1	1,740
Grade 3, $1,020 to $1,260; average, $1,140—						
Watchman	1	1,020	2	1,020		
Total average number of employees	14		20		17	
01 Total salaries		30,540.00		42,020.00		33,367.84
The difference between 1929 and 1928 is due to—						
Decrease in force	$13,940					
Increase in salaries	$360					
Reallocation increases	2,100					
	2,460					
Net decrease	11,480					

[For the purchase of two one-ton dump trucks] (*act Mar. 2, 1927, vol. 44, p. 1299*) $1,300.00

For 2 one-ton dump trucks: Expenditures, 1928, $1,300.

All apportionments of appropriations for the use of the municipal architect in payment for the services of draftsmen, assistant engineers, clerks, copyists, and inspectors, employed on construction work provided for by said appropriations, shall be based on an amount not exceeding [2½] *3* per centum of the amount of the appropriation made for each project (*act Mar. 2, 1927, vol. 44, p. 1299*).

Public Utilities Commission, District of Columbia—

For two commissioners at $7,500 each; people's counsel, $7,500; and for other personal services in accordance with the classification act of 1923; in all, [$69,540] *$71,000*; and no part of this appropriation shall be available for the compensation of any person giving less than full time from nine o'clock antemeridian to four thirty o'clock postmeridian to his official duties (*acts Mar. 4, 1913, vol. 37, p. 996, sec. 8; June 7, 1924, vol. 43, pp. 541, 542, sec. 1; May 10, 1926, vol. 44, p. 420; Dec. 15, 1926, vol. 44, p. 1299*) $71,000.00 69,540.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Salaries:						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
Grade 3, $3,000 to $3,600; average, $3,300—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Traffic engineer	1	$3,100	1	$3,000	1	$3,000
Grade 2, $2,400 to $3,000; average, $2,700—						
Chief inspector of gas and meters	1	2,600	1	2,600	1	2,500
Subprofessional service—						
Grade 8, $2,400 to $3,000; average, $2,700—						
Inspector of electric meters	1	2,400	1	2,400	1	2,400
Grade 5, $1,680 to $2,040; average, $1,860—						
Inspector	1	2,040	1	2,040	1	2,040
Inspector	1	1,920	1	1,920	1	1,920
Inspector	1	1,800	1	1,800	1	1,800
Inspector	1	1,680	1	1,680	1	1,680
Grade 3, $1,320 to $1,680; average, $1,500—						
Inspector	2	1,380	2	1,380	2	1,380
Clerical, administrative, and fiscal service—						
Grade 11, $3,800 to $5,000; average, $4,400—						
Administrative officer (executive secretary)	1	4,400	1	4,400	1	4,400
Administrative officer (chief accountant)	1	4,000	1	3,800		
Grade 10, $3,300 to $3,900; average, $3,600—						
Administrative officer (chief accountant)					1	3,600
Grade 7, $2,400 to $3,000; average, $2,700—						
Assistant accountant	1	2,600	1	2,600	1	2,600
Research assistant	1	2,400	1	2,400	0.5	2,400
Grade 6, $2,100 to $2,700; average, $2,400—						
Chief clerk	1	2,200	1	2,100	1	2,100

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Public Utilities Commission, District of Columbia—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Salaries—Continued.						
Clerical, administrative, and fiscal service—Con.	*Average—*		*Average—*		*Average—*	
Grade 5, $1,860 to $2,400; average, $2,100—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Statistical clerk	2	$1,860	2	$1,860	2	$1,860
Accountant and auditing assistant	1	2,000	1	2,000	1	2,000
Secretary-stenographer	1	1,920	1	1,860	0.5	1,860
Secretary-stenographer	1	1,860	1	1,860	0.5	1,860
Grade 3, $1,500 to $1,860; average, $1,680—						
Clerk	1	1,620	1	1,620	1	1,560
Grade 2, $1,320 to $1,680; average, $1,500—						
Clerk	1	1,380	1	1,380	1	1,320
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	1	1,200	1	1,200	1	1,200
Commissioner (presidential appointee)	2	7,500	2	7,500	0.8	7,500
People's counsel (presidential appointee)	1	7,500	1	7,500	0.6	7,500
		69,980				
New position recommended:						
Custodial service—						
Grade 3, $1,020 to $1,260; average, $1,140—						
Driver	1	1,020				
Total average number of employees	26		25		21.6	
01 Total salaries		71,000.00		69,540.00		49,052.58
The difference between 1929 and 1928 is due to increase in salaries, $440, and new position, $1,020.						

For incidental and all other general necessary expenses authorized by law (*acts Mar. 4, 1913, vol. 37, p. 996, sec. 8; June 7, 1924, vol. 43, pp. 541, 542, sec. 1; May 10, 1926, vol. 44, p. 420; Dec. 15, 1926, vol. 44, p. 1299*) $4,200.00 $4,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Stenographic services and notes	$800.00	$800.00	$367.30
Car tokens and traveling expenses	400.00	450.00	96.76
Stationery and printing and office supplies	800.00	650.00	1,571.76
Annual report	2,000.00	2,000.00	1,941.21
Furniture and office equipment	200.00	100.00	1,990.70
			6,967.73
Unexpended balance			32.27
Total	4,200.00	4,000.00	6,000.00

Board of Examiners, Steam Engineers, District of Columbia—
Salaries: Three members, at $150 each (*act Mar. 2, 1927, vol. 44, p. 1299*) 450.00 450.00

Salaries: Expenditures—1929, $450; 1928, $450; 1927, $450.

Department of Insurance, District of Columbia—
For personal services in accordance with the classification act of 1923 (*act Mar. 2, 1927, vol. 44, p. 1300*) 17,760.00 17,600.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Salaries:						
Clerical, administrative, and fiscal service—						
Grade 11, $3,800 to $5,000; average, $4,400—	*Average—*		*Average—*		*Average—*	
Administrative officer (superintendent of insurance)	*No.* 1	*Salary* $4,000	*No.* 1	*Salary* $4,000	*No.* 1	*Salary* $4,000
Grade 9, $3,000 to $3,600; average, $3,300—						
Junior administrative assistant	1	3,200	1	3,100	1	3,000
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	1	2,300	1	2,300	1	2,300
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	1	1,980	1	1,980	1	1,980
Clerk-stenographer	1	1,740	1	1,680	1	1,680
Grade 3, $1,500 to $1,860; average, $1,680—						
Junior clerk	1	1,680	1	1,680	1	1,680
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior stenographer	2	1,430	2	1,410	2	1,380
Total average number of employees	8		8		8	
01 Total salaries		17,760		17,560		17,240
The difference between 1929 and 1928 is due to increases in salaries, $200.						

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Surveyor's Office, District of Columbia—		
For personal services in accordance with the classification act of 1923 (*acts Feb. 28, 1895, vol. 28, p. 689, secs. 1–8; Mar. 2, 1927, vol. 44, p. 1300*)	$77,700.00	$67,860.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Salaries:						
Professional and scientific service—	*Average*—		*Average*—		*Average*—	
Grade 4, $3,800 to $5,000; average, $4,400—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Engineer (surveyor, District of Columbia)	1	$4,400	1	$4,400	1	$4,400
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate engineer	2	3,200	2	3,200	[2]	3,200
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant engineer	6	2,533	6	2,533	5.1	2,533
Grade 1, $1,860 to $2,400; average, $2,130—						
Junior engineer					0.8	1,960
Subprofessional service—						
Grade 6, $1,860 to $2,400; average, $2,130—						
Senior engineering draftsman	2	2,030	2	2,030	2	2,000
Senior engineering aid	2	1,938	1	2,000	1	1,960
Grade 5, $1,680 to $2,040; average, $1,860—						
Engineering draftsman	6	1,790	6	1,780	6	1,770
Engineering aid	1	1,680	1	1,680	1	1,680
Grade 4, $1,500 to $1,860; average, $1,680—						
Assistant engineering field aid	5	1,524	4.9	1,500	4.7	1,500
Grade 3, $1,320 to $1,680; average, $1,500—						
Assistant engineering field aid	[2	1,430	1	1,560	1	1,560
Grade 2, $1,140 to $1,500; average, $1,320—						
Apprentice engineering field aid	8	1,162	8	1,140	7.8	1,140
Apprentice engineering field aid	1	1,200	1	1,200	0.7	1,200
Clerical, administrative, and fiscal service—						
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior office draftsman	1	1,500	1	1,500	1	1,500
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	2	1,350	2	1,350	2	1,329
New positions recommended:						
Professional and scientific service—						
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant engineer	1	2,400				
Subprofessional service—						
Grade 4, $1,500 to $1,860; average, $1,680—						
Assistant engineering field aide	1	1,500				
Grade 2, $1,140 to $1,500; average, $1,320—						
Apprentice engineering field aide	2	1,140				
	4	6,180				
Total number of employees	43		36½		36½	
Total salaries		77,700.00		67,860.00		66,543.89
The difference between 1929 and 1928 is due to—						
Increase in salaries	$480					
Transfer of per diem positions	3,180					
New positions	6,180					
Total increase	9,840					

[Services of temporary draftsmen, computers, laborers, additional field party when required, purchase of supplies, care or hire of teams, $5,000, no part of which shall be expended without the written authority of the commissioners] (*same acts*) 5,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Salaries:						
Professional and scientific service—	*Average*—		*Average*—		*Average*—	
Grade 1, $1,860 to $2,400; average, $2,130—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Junior engineer					1	$1,860
ubprofessional service—						
Grade 5, $1,680 to $2,040; average, $1,860—						
Engineering aid			1	$1,860		
Grade 3, $1,320 to $1,680; average, $1,500—						
Assistant engineering field aid			1	1,320	1	1,320
Grade 2, $1,140 to $1,500; average, $1,320—						
Apprentice engineering field aid			1.5	1,140	0.7	1,140
Total average number of employees			3.5		2.7	
01 Total salaries				5,000.00		4,046.57

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Surveyor's Office, District of Columbia—Continued.		
For revision of the highway plan, including the surveying and permanent marking on the ground of the system of highways (*acts Feb. 28, 1895, vol. 28, p. 689, secs. 1–8; Mar. 2, 1927, vol. 44, p. 1300*)	$3,000.00	$3,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Salaries:						
Subprofessional service—	*Average—*		*Average—*		*Average—*	
Grade 3, $1,320 to $1,680; average, $1,500—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Assistant engineering field aide	1	$1,380	1	$1,380	1	$1,380
Grade 2, $1,140 to $1,500; average, $1,320—						
Apprentice engineering field aide	1	1,140	1	1,140	1	1,140
Apprentice engineering field aide	0.5	1,140	0.5	1,140	0.5	1,140
Total average number of employees	2.5		2.5		2.5	
01 Total salaries		3,000.00		3,000.00		3,015.55
Unobligated balance						484.45
Total		3,000.00		3,000.00		3,500.00

Employees' Compensation Fund, District of Columbia—

For carrying out the provisions of section 11 of the District of Columbia appropriation act approved July 11, 1919, extending to the employees of the government of the District of Columbia the provisions of the act entitled "An act to provide compensation for employees of the United States suffering injuries while in the performance of their duties, and for other purposes," approved September 7, 1916 (*acts July 11, 1919, vol. 41, p. 104, sec. 11; Mar. 2, 1927, vol. 44, p. 1300*) 28,000.00 15,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Widows	$3,960.00	$3,960.00	$2,483.36
Dependent children	663.00	648.00	148.84
Permanently injured	3,480.00	3,480.00	2,442.17
Temporarily injured	10,000.00	10,000.00	7,848.82
Hospital bills	5,000.00	4,500.00	4,045.96
Doctor's bills	3,001.00	2,828.00	2,016.00
Nurse's bills	1,000.00	1,720.00	
Artificial limbs and other expenses	896.00	780.00	
Total	28,000.00	27,916.00	20,296.05

Office of Director of Traffic, District of Columbia—

For personal services in accordance with the classification act of 1923 (*act Mar. 2, 1927, vol. 44, p. 1300*) 28,320.00 25,300.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Salaries:						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
Grade 4, $3,800 to $5,000; average, $4,400—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Assistant director of traffic	1	$4,400	1	$4,400	1	$4,400
Grade 3, $3,000 to $3,600; average, $3,300—						
Supervisor, traffic survey					0.1	3,000
Grade 2, $2,400 to $3,000; average, $2,700—						
Supervisor, traffic survey					0.1	2,400
Grade 1, $1,860 to $2,400; average, $2,130—						
Assistant supervisor, traffic survey					0.1	1,860
Clerical, administrative, and fiscal service—						
Grade 12, $5,200 to $5,000; average, $5,600—						
Director of traffic	1	5,400	1	5,200	1	5,600
Grade 9, $3,000 to $3,600; average, $3,300—						
Administrative assistant	1	3,300	1	3,300	1	3,300
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	3	1,600	3	1,600	5	1,620
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	3	1,393	4	1,350	3.1	1,356
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	3	1,180	1.9	1,100	14	1,140
Custodial service—						
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger					1	1,080
New positions—						
Clerical, administrative, and fiscal service—						
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	1	1,680				
Custodial service—						
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger	1	1,020				
Total average number of employees	14		12		27	
01 Total salaries		28,320.00		25,300.00		[1] 44,675.87
The difference between 1929 and 1928 is due to—						
New positions	$2,700					
Increase in salaries	320					
Total increase	3,020					

[1] Eighty traffic recorders for 9 days, inclusive.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Office of Director of Traffic, District of Columbia—Continued. For purchase, [installation and maintenance] of traffic [lights,] signals, [controls,] and markers, painting white lines, labor, [city planning in relation to traffic regulation and control] and such other expenses as may be necessary in the judgment of the commissioners, [$70,000] *$50,000; including not to exceed $5,000, for personal services and expenses of making traffic surveys,* [and the appropriation of fees received for reissuing motor vehicle operators' permits contained in the District of Columbia appropriation act for the fiscal year 1927 is continued available until December 31, 1927]: *Provided,* That no part of this or any other appropriation contained in this act or that is now available shall be expended for building, installing, and maintaining street-car loading platforms and lights of any description employed to distinguish same (*act Mar. 2, 1927, vol. 44, p. 1300*)	$50,000.00	$70,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Traffic signals and equipment	$5,000.00	$59,029.10	$3,376.90
Construction and installation of signals		200,000.00	
Operation and maintenance of signals		32,735.89	2,887.35
Traffic signs	2,000.00	5,000.00	2,416.00
Traffic shop, paint, supplies, and tools	15,000.00	16,000.00	9,103.14
Traffic shop, labor	17,900.00	16,000.00	17,143.68
Office supplies and equipment	2,000.00	3,000.00	3,590.00
Printing and stationery	2,000.00	2,000.00	3,850.00
Traffic semaphore lamps			1,475.00
Umbrellas			143.75
Telephone and telegrams	100.00	100.00	50.00
Traffic counts and surveys	5,000.00	3,000.00	400.60
Miscellaneous	1,000.00	1,000.00	900.00
			45,335.83
Unobligated balance			14,173.18
Total	50,000.00	337,864.99	59,509.01

Salaries, Free Public Library, District of Columbia—
For personal services in accordance with the classification act of 1923 (*acts June 3, 1896, vol. 29, p. 244, secs. 1–5; Apr. 1, 1926, vol. 44, pp. 229, 230; Mar. 2, 1927, vol. 44, p. 1300*) 227,500.00 211,520.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Salaries:						
Professional service—	*Average*—		*Average*—		*Average*—	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 5, $5,200 to $6,000; average, $5,600—						
Senior librarian (librarian)	1	$5,800	1	$5,800	1	$5,600
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate librarian (assistant librarian)	1	3,500	1	3,500	1	3,500
Associate librarian (chief of department)	1	3,100	4	3,000	4	3,000
Associate librarian (chief of department)	3	3,000				
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant librarian (chief of department)	1	2,900	1	2,900	1	2,800
Assistant librarian (chief of division)	5	2,400	5	2,400	4	2,400
Grade 1, $1,860 to $2,400; average, $2,100—						
Junior librarian	1	2,000	1	2,000		
Junior librarian	4	1,920	3	1,920	4	1,920
Junior librarian	10	1,860	11	1,860	10	1,860
Subprofessional service—						
Grade 6, $1,860 to $2,400; average, $2,100—						
Senior library assistant (chief of division)	1	1,920	1	1,920	1	1,920
Grade 5, $1,680 to $2,040; average, $1,860—						
Library assistant	1	1,860	1	1,860	3	1,740
Library assistant	1	1,800	1	1,800	10	1,680
Library assistant	4	1,740	4	1,740		
Library assistant	9	1,680	9	1,680		
Grade 4, $1,500 to $1,860; average, $1,680—						
Junior library assistant	1	1,740	2	1,680	2	1,680
Junior library assistant			1	1,560	1	1,560
Junior library assistant	3	1,560	9	1,500	8	1,500
Junior library assistant	8	1,500				
Grade 3, $1,320 to $1,680; average, $1,500—						
Underlibrary assistant	1	1,440	3	1,380	2	1,380
Underlibrary assistant	2	1,380	21	1,320	17	1,320
Underlibrary assistant	21	1,320	0.5	1,320		
Underlibrary assistant	0.5	1,320				
Grade 2, $1,140 to $1,500; average, $1,320—						
Minor library assistant	1	1,320	1	1,320	1	1,260
Minor library assistant	3	1,200	16	1,140	14	1,140
Minor library assistant	13	1,140				
Grade 1, $900 to $1,260; average, $1,080—						
Library aid	3	960	1	960	7	900
Library aid	6	900	8	900		
Library aid	4.5	900	4.5	900		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

Salaries, Free Public Library, District of Columbia—Continued.

General object (title of appropriation), data of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927		Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
	Average—		*Average—*		*Average—*			
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*		
Salaries—Continued.								
Clerical, administrative, and fiscal service—								
Grade 6, $2,100 to $2,700; average, $2,400—								
Principal clerk (chief clerk)	1	$2,400	1	$2,400	1	$2,200		
Grade 3, $1,500 to $1,860; average, $1,680—								
Assistant clerk-stenographer	1	1,740	1	1,740	1	1,680		
Assistant clerk-stenographer	1	1,500	1	1,500	1	1,560		
Grade 2, $1,320 to $1,680; average, $1,500—								
Junior clerk-stenographer	1	1,320	1	1,320	1	1,320		
Grade 1, $1,140 to $1,500; average, $1,320—								
Underoperator			1	1,140	1	1,140		
Underclerk-typist	3	1,140	2	1,140	1	1,140		
Custodial service—								
Grade 8, $1,860 to $2,400; average, $2,100—								
Principal mechanic	1	2,100	1	2,100	1	2,100		
Grade 5, $1,320 to $1,680; average, $1,500—								
Junior machanic	1	1,560	1	1,500	1	1,500		
Junior mechanic	1	1,320	1	1,320				
Grade 4, $1,140 to $1,500; average, $1,320—								
Haad messanger	1	1,140	1	1,140	1	1,140		
Undermechanic	1	1,200	2	1,140	2	1,140		
Undermechanic	1	1,140						
Undermechanic	1	1,080	1	1,080	1	1,080		
Grade 3, $1,020 to $1,260; average, $1,140—								
Minor mechanic	1	1,200	1	1,140	1	1,140		
Minor machanic	1	1,080	1	1,080	1	1,080		
Minor mechanic	1	1,020	1	1,020	1	1,020		
Senior laborer	1	1,080	1	1,080	1	1,080		
Senior laborar	5	1,020	5	1,020	3	1,020		
Guard	1	1,020	1	1,020	1	1,020		
Grade 2, 40 cents an hour—								
Charwoman	7	500	7	500	7	500		
Grade 1, $600 to $780; average, $690—								
Junior messanger	10	600	10	600	8	600		
Total number of employees	151		151		126			
Total salaries		212,800		211,520		182,300		
NEW POSITIONS RECOMMENDED FOR 1929								
Salaries:								
Main library—								
Professional service—								
Grade 1, $1,860 to $2,400—								
Junior librarian	1	1,860						
Subprofessional service—								
Grade 5, $1,680 to $2,040—								
Library assistant	2	1,680						
Grade 3, $1,320 to $1,680—								
Underlibrary assistant	2	1,320						
Clerical, administrative, and fiscal service—								
Grade 1, $1,140 to $1,500; average, $1,320—								
Underoperator	1	1,140						
Total number of employees	6							
Total salaries		9,000						
Takoma Park branch—								
Subprofessional service—								
Grade 4, $1,500 to $1,860—								
Junior library assistant	1	1,500						
Southeastern branch—								
Subprofessional service—								
Grade 4, $1,500 to $1,860—								
Junior library assistant	1	1,500						
Chevy Chase-Tenley sub-branches—								
Subprofessional service—								
Grade 5, $1,680 to $2,040—								
Library assistant	1	1,680						
Custodial service—								
Grade 3, $1,020 to $1,260—								
Senior laborer	1	1,020						
	2	2,700						
Total number of new positions	10							
Total salaries, new positions		14,700						
Total average number of employees	161		151		126			
01 Total personal services		227,500		211,520		182,300		
The difference between 1929 and 1928 is due to—								
New positions	$14,700							
Increases in salaries	1,280							
Total increase	15,980							

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Salaries, Free Public Library, District of Columbia—Continued. For substitutes and other special and temporary service at the discretion of the librarian, $6,000: *Provided*, That no money appropriated by this act shall be expended in conducting library stations not now in operation [but this restriction shall not apply to the Eastern High School subbranch] (*acts June 3, 1896, vol. 29, p. 244, secs. 1–5; Apr. 1, 1926, vol. 44, pp. 229, 230; Mar. 2, 1927, vol. 44, p. 1300*)	$6,000.00	$6,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Number	*Number*	*Number*
Assistants, $1,140 to $1,320 per annum	5	5	3
Pages, $600 do	5	5	3
Total number of employees	10	10	6
01 Total salaries	$6,000	$6,000	$3,500

For extra services on Sundays, holidays, and Saturday half holidays (*acts June 3, 1896, vol. 29, p. 244, secs. 1–5; Apr. 1, 1926, vol. 44, pp. 229, 230; Mar. 2, 1927, vol. 44, p. 1300*) 3,000.00 3,000.00

	Rate	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
		Number	*Number*	*Number*
Superintendent per hour	$1.10	1	1	1
Reference librarians do	1.00	3	3	3
Children's librarians do	.90	2	2	2
Assistants do	.90	6	6	6
Pages do	.70	4	4	4
Engineer per diem	5.50	1	1	1
Janitors do	4.25	3	3	3
Charwoman do	1.60	2	2	2
Total number of employees		22	22	22
01 Total personal services		$3,000	$3,000	$3,000

Expenses, Free Public Library, District of Columbia—
Miscellaneous: For books, periodicals, and newspapers, including payment in advance for subscriptions to periodicals, newspapers, subscription books, and society publications, $35,000: *Provided*, That the disbursing officer of the District of Columbia is authorized to advance to the librarian of the free Public Library, upon requisition previously approved by the auditor of the District of Columbia, sums of money not exceeding $25 at the first of each month, to be expended for the purchase of certain books, pamphlets, numbers of periodicals or newspapers, and to be accounted for on itemized vouchers (*acts June 3, 1896, vol. 29, p. 244, secs. 1–5; Apr. 1, 1926, vol. 44, pp. 229, 230; Mar. 2, 1927, vol. 44, p. 1300*) 35,000.00 35,000.00

Stock, central library and branches: Expenditures—1929, $35,000; 1928, $35,000; 1927, $30,000.

For binding, including necessary personal services (*acts June 3, 1896, vol. 29, p. 244, secs. 1–5; Apr. 1, 1926, vol. 44, pp. 229–230; Mar. 2, 1927, vol. 44, p. 1301*) 14,000.00 13,500.00

	Rate per diem	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
		Number	*Number*	*Number*
Foreman	$8.00	1	1	1
Finisher	6.00	1	1	1
Sewers	4.00	2	2	2
Forwarder	5.50	1	1	1
Apprentice	2.00	1		
Total number of employees		6	5	5
01 Total wages		$9,200.00	$9,200.00	$8,032.60
Supplies		1,000.00	500.00	1,141.90
Binding by contract		3,800.00	3,800.00	3,325.50
Total		14,000.00	13,500.00	12,500.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Expenses, Free Public Library, District of Columbia—Continued.		
For maintenance, alterations, repairs, fuel, lighting, fitting up buildings, lunch-room equipment; care of grounds; purchase, exchange, and maintenance of motor delivery vehicles, and other contingent expenses (*acts June 3, 1896, vol. 29, p. 244, secs. 1–5; Apr. 1, 1926, vol. 44, pp. 229, 230; Mar. 2, 1927, vol. 44, p. 1301*)	$27,000.00	$29,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1827
Coal	$3,000.00	$3,000.00	$2,630.76
Car tokens	50.00	20.00	20.00
Building supplies	1,650.00	1,600.00	1,502.37
Repairs to equipment	250.00	250.00	150.00
New equipment	3,000.00	3,000.00	3,280.90
Stationery	4,000.00	4,000.00	2,910.07
Library of Congress cards	750.00	600.00	569.98
Freight, expressage, and drayage	350.00	350.00	329.10
Ice and laundry	600.00	550.00	497.71
Electric and gas light	4,500.00	4,500.00	3,777.50
Telephone	750.00	600.00	571.35
Printing	1,000.00	1,000.00	1,302.46
Motor vehicles and upkeep	1,000.00	500.00	1,134.30
Repairs and improvements	2,400.00	2,500.00	
Care of grounds	600.00	1,500.00	
Miscellaneous	100.00	1,030.00	1,323.50
Washingtoniana equipment		4,000.00	
Structural changes in Tenley subbranch	800.00		
Shelving and other equipment in Tenley subbranch	700.00		
New furnace, Takoma Park branch	1,500.00		
	27,000.00	29,000.00	20,000.00

For rent of suitable quarters for branch library in Chevy Chase (*same acts*)	2,400.00	2,400.00
Rent of branch library in Chevy Chase: Expenditures—1929, $2,400; 1928, $1,800.		
Total, Free Public Library, District of Columbia	314,900.00	300,420.00
Office of Register of Wills, District of Columbia:		
For personal services in accordance with the classification act of 1923 (*act Apr. 24, 1926, vol. 44, p. 322*)	67,000.00	65,720.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Salaries:						
Professional, and scientific service—	*Average—*		*Average—*		*Average—*	
Grade 4, $3,800 to $5,000; average, $4,400—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Attorney (first deputy register of wills)	1	$4,000	1	$3,800		
Clerical, administrative, and fiscal service—						
Grade 12, $5,200 to $6,000; average, $5,600—						
Senior administrative officer (register of wills)	1	5,400	1	5,200		
Grade 9, $3,000 to $3,600; average, $3,300—						
Senior administrative assistant (second deputy)	1	3,100	1	3,000		
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant (chief appraiser)	1	2,500	1	2,400		
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk (receiving and disbursing clerk)	1	2,400	1	2,400		
Principal accounting and auditing assistant (chief accountant)	1	2,200	1	2,100		
Grade 5, $1,860 to $2,400; average, $2,100—						
Senior accounting and auditing assistant (assistant chief accountant)	1	2,000	1	1,920		
Senior clerk (chief correspondence clerk)	1	2,100	1	2,000		
Senior clerk (appraiser)	1	1,920	1	1,860		
Senior photographer (chief of photostat room)	1	2,100	1	2,100		
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk (clerk in charge of bonds and exemptions)	1	2,040	1	2,040		
Clerk (clerk in charge of citations)	1	2,040	1	2,040		
Clerk (docket clerk)	1	1,920	1	1,920		
Clerk (reviewer and secretary to first deputy)	1	1,680	1	1,680		
Photographer (assistant chief of photostat room)	1	1,800	1	1,800		
Accounting and auditing assistants (accountants)	2	1,800	2	1,800		
Accounting and auditing assistants (accountants)	2	1,680	2	1,680		
Clerk-stenographer (secretary to register of wills)	1	1,920	1	1,920		
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk (taxation and blotter clerk)	1	1,740	1	1,740		
Assistant clerk (index and correspondence clerk)	1	1,740	1	1,740		
Assistant clerk (supply and claims clerk)	1	1,680	1	1,620		
Assistant clerk (correspondence clerk)	1	1,680	1	1,620		
Assistant photographer (developer and washer)	1	1,680	1	1,680		
Senior stenographer (stenographer)	1	1,680	1	1,620		
Junior clerk (comparer)	1	1,560	1	1,500		
Grade 2, $1,320 to $1,680; average, $1,500—						
Senior typist (typist)	2	1,680	2	1,680		
Junior photographer (washer)	1	1,500	1	1,500		
Junior clerk (assistant appraiser)	1	1,320	1	1,320		
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk (file clerk)	2	1,200	2	1,140		
Custodial service—						
Grade 2, $900 to $1,140; average, $1,020—						
Junior laborer (janitor)	1	600	1	600		
Total average number of employees	34		34			
01 Total salaries		67,000		65,720		
The difference between 1929 and 1928 is due to increase in salaries, $1,200.						

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Office of Register of Wills, District of Columbia—Continued. For miscellaneous and contingent expenses, telephone bills, printing, typewriters, *photostat paper and supplies*, towels, towel service, window washing, street-car tokens, furniture and equipment and repairs thereto, *and* purchase of books of reference, law books, and periodicals, and including [$4,000 to be available immediately for the purchase and installation of a photostat machine and accessory equipment, $10,900] *$1,500 for the purchase of a cash register* (*act Apr. 24, 1926, vol. 44, p. 322*)	$10,000.00	$10,900.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Photostat machine and equipment		$4,000	
Telephone service	$600	600	
Stock quotations for court appraisers	300	300	
File cases and shelving		1,300	
Printing (Government Printing Office)	1,600	1,800	
Laundrying towels and attending water coolers	180	180	
Ice	140	140	
Ribbon for certified copies of papers	125	125	
Office furniture, equipment, and repairs thereto	400	600	
Envelopes	375	375	
Car tokens	175	175	
Typewriting machines	140	140	
Record books	400	500	
Window cleaning	20	20	
Photostat paper and chemicals	4,000	4,000	
Cash register	1,300		
Repairs to record books		150	
Incidentals	245	495	
Total	10,000	14,900	

	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Office of Recorder of Deeds, District of Columbia— For personal services in accordance with the classification act of 1923 (*act Mar. 2, 1927, vol. 44, p. 1301*)	94,000.00	96,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Salaries:						
Clerical, administrative, and fiscal service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 12, $5,200 to $6,000; average, $5,600—						
Recorder of deeds	1	$5,400	1	$5,200		
Grade 10, $3,300 to $3,900; average, $3,600—						
First deputy recorder	1	3,300	1	3,300		
Grade 8, $2,700 to $3,300; average, $3,000—						
Second deputy recorder	1	2,700	1	2,700		
Grade 5, $1,860 to $2,400; average, $2,100—						
Executive secretary to the recorder	1	1,920	1	1,860		
Chief clerk	1	1,920	1	1,860		
Chief comparer	1	1,860	1	1,860		
Head indexer	1	1,860	1	1,860		
Head typist	1	1,860	1	1,860		
Cashier (receiving clerk)	1	1,860	1	1,860		
Bookbinder			1	2,100		
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant head comparer	1	1,740	1	1,680		
Assistant head indexer	1	1,560	1	1,560		
Assistant head typist	1	1,620	1	1,620		
Assistant receiving clerk	1	1,500	1	1,500		
Typewriter repairman			1	1,680		
Grade 2, $1,320 to $1,680; average, $1,500—						
Typist	6	1,590	6	1,560		
Typist	5	1,536	5	1,500		
Typist	1	1,500	1	1,440		
Typist	3	1,420	3	1,380		
Typist	3	1,340	3	1,320		
Comparer	8	1,350	8	1,320		
Indexer (land)	2	1,350	2	1,320		
Indexer (lot)	3	1,340	3	1,320		
Indexer (chattel)	1	1,380	1	1,320		
Indexer (corporation)	1	1,320	1	1,320		
Delivery clerk	2	1,350	2	1,320		
Release clerk	1	1,380	1	1,320		
Utility clerk	3	1,340	3	1,320		
Custodial service—						
Grade 4, $1,140 to $1,500; average, $1,320—						
Senior guard	1	1,320	1	1,260		
Grade 3, $900 to $1,260; average, $1,080—						
Guard	2	1,230	2	1,200		
Messenger	3	1,100	3	1,080		
Janitor	1	1,020	1	960		
Grade 2, $780 to $1,140; average, $960—						
Assistant janitor	1	960	1	900		
Charwoman	1	400	1	400		
Total number of employees	61		63			
01 Total salaries		94,000		95,720		
The difference between 1929 and 1928 is due to—						
Reduction in force	$3,780					
Increase in salaries	1,780					
Net decrease	2,000					

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Office of Recorder of Deeds, District of Columbia—Continued. For miscellaneous and contingent expenses, including telephone service, printing, binding, rebinding, repairing, and preservation of records, typewriters, towels, towel service, furniture and equipment and repairs thereto; books of reference, law books and periodicals, street-car tokens, postage, and all other necessary incidental expenses (*act Mar. 2, 1927, vol. 44, p. 1301*)	$15,000.00	$15,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Telephone service	$275	$275	
Printing	3,250	3,250	
Towel service	250	250	
Furniture, equipment, and repairs thereto	3,250	3,250	
Books of reference	100	100	
Street-car tokens	125	125	
Postage stamps	1,500	1,500	
Ice	600	600	
Stationery	1,000	1,000	
Law books and periodicals	100	100	
Repairing record books	1,500	1,500	
Typewriters	1,000	1,000	
Record books	2,000	2,000	
Incidentals	50	50	
Total	15,000	15,000	

For rent of offices of the recorder of deeds (*same act*)	14,000.00	14,000.00
11 Rent: Expenditures—1929, $14,000; 1928, $14,000.		
Total, salaries, etc., District of Columbia	2,044,810.00	1,995,190.00
Contingent and Miscellaneous Expenses, District of Columbia— For printing, checks, books, law books, books of reference, periodicals, stationery; surveying instruments and implements; drawing materials; binding, rebinding, repairing, and preservation of records; purchase of laboratory apparatus and equipment and maintenance of laboratory in the office of the inspector of asphalt and cement; damages; livery, purchase, and care of horses and carriages or buggies and bicycles not otherwise provided for; horseshoeing; ice; repairs to pound and vehicles; use of bicycles by inspectors in the engineer department, not to exceed $800 in the aggregate; traveling expenses not to exceed $3,000, including not exceeding [$1,000] *$2,000* for payment of dues and traveling expenses in attending conventions when authorized by the Commissioners of the District of Columbia; expenses authorized by law in connection with the removal of dangerous or unsafe *and insanitary* buildings; and other general necessary expenses of District offices, $50,000: *Provided*, That no part of this or any other appropriation contained in this act or of any appropriation which may now be available shall be expended for printing or binding a schedule or list of supplies and materials for the furnishing of which contracts have been or may be awarded (*act Mar. 2, 1927, vol. 44, p. 1301*)	50,000.00	50,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Stationery, blank forms, printing and binding, and miscellaneous office supplies	$30,000.00	$30,000.00	$33,357.98
Books of reference, law books, city directories, real estate atlases, and subscriptions to newspapers and periodicals	1,500.00	1,600.00	1,868.63
Furniture and equipment, including book and file cases and repairs to furniture	5,000.00	6,000.00	2,937.05
Telephone rental and tolls, telegrams, and express	400.00	400.00	430.77
Typewriters, purchases, repair, and rentals, automatic cashier, Elliott-Fisher, mimeograph, addressograph, calculating, multigraph, adding, and computing machines, etc	3,000.00	3,000.00	5,129.07
Transportation:			
Car tokens	1,500.00	1,500.00	1,422.40
Traveling expenses	4,000.00	3,000.00	866.86
Forage, stable supplies, and repairs to vehicles			18.50
Fuel, gas, electric light, laundry, ice, and charcoal	750.00	750.00	755.22
Dog tags	225.00	225.00	228.75
Haslets for dog pound	200.00	200.00	190.53
Repairs to dog pound and stables	500.00	400.00	525.40
Hucksters' badges and vehicle tags	500.00	500.00	588.55
Recorder of deeds, recording instruments	25.00	25.00	27.55
Seals and weights for superintendent, weights, measures, and markets	900.00	900.00	931.12
Damages	1,000.00	1,000.00	671.89
Unexpended balance			649.73
Total	50,000.00	50,000.00	50,600.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Contingent and Miscellaneous Expenses, District of Columbia—Continued.		
For printing all annual and special reports of the government of the District of Columbia for the fiscal year ending June 30, [1927] *1928*, for submission to Congress, $4,800: *Provided*, That authority is hereby given the Commissioners of the District of Columbia to discontinue the printing of any annual or special reports of the government of the District of Columbia in order to keep the expenditures within this appropriation. In all cases where the printing of said reports is discontinued the original copy thereof shall be kept on file in the offices of the Commissioners of the District of Columbia for public inspection (*U. S. C., p. 1013, sec. 588; act Mar. 2, 1927, vol. 44, p. 1301*)	$4,800.00	$4,800.00
08 Printing annual reports: Expenditures—1929, $4,800; 1928, $4,800; 1927, $4,800.		
For maintenance, care, repair, and operation of passenger-carrying automobiles owned by the District of Columbia [$72,680] *$76,670*: For exchange of such passenger-carrying automobiles now owned by the District of Columbia as, in the judgment of the commissioners of said District, have or shall become unserviceable, [$10,000] *$15,530*; and for the purchase of passenger-carrying automobiles as follows: [Surface division, two, $900; sewer division, one, $450; electrical department, one, $450; office of director of traffic, one, $1,500; assessor's office, one, $450; assessor's office, one, $1,800; executive office, one, $2,500] *Executive office, one, $1,800; District Training School, one autobus, $1,500; Public Utilities Commission, one, $1,500*; in all (*act Mar. 2, 1927, vol. 44, p. 1302*)	97,000.00	90,730.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Executive office:			
1 automobile	$400	$400	
1 automobile	400		
Building inspection division:			
2 automobiles	600	600	$600
Plumbing inspector:			
1 automobile	350	400	350
Assessor's office:			
3 automobiles	1,100	1,200	1,100
2 automobiles	800	800	
Office of the corporation counsel:			
1 automobile	300	400	300
Central garage:			
10 automobiles	4,000	4,000	4,000
Overhead and maintenance of 54 motor cars (4 employees, 2 day and 2 night, who wash, oil, grease, make minor repairs and adjustments, serve as drivers, etc.)	7,175	7,575	7,682
Cleaning material, auto soap, miscellaneous supplies, etc	1,000	1,000	1,000
Electricity	605	605	605
Exchange of such automobiles now owned by the District of Columbia as, in the judgment of the Commissioners of said District, have or shall become unserviceable	16,090	10,000	11,972
Municipal architect:			
10 automobiles	4,100	3,800	4,100
1 automobile	400	400	
Surveyor's office:			
5 automobiles	2,000	1,500	2,000
Highways division:			
32 automobiles	8,000	8,000	8,000
2 automobiles	800	1,000	800
Trees and parkings:			
5 automobiles	1,250	2,000	1,250
Sewer division:			
21 automobiles	7,860	9,000	7,860
1 automobile	400	400	
City refuse:			
43 automobiles	16,500	12,000	10,340
3 automobiles	950	1,200	950
Public Utilities Commission:			
1 automobile	400		
Playgrounds department:			
1 automobile	450	400	450
Electrical department:			
7 automobiles	2,800	2,400	2,991
1 automobile	400	400	
Community centers:			
1 automobile	400	400	570
Health department:			
2 automobiles	700	700	700
Board of public welfare:			
4 ambulances	1,600	2,000	1,600
Jail—			
1 automobile	400	400	400
Reformatory—			
3 automobiles	1,200	1,200	1,200
National Training School for Girls—			
3 automobiles	1,200	1,200	1,200
1 automobile	400	400	
Gallinger Hospital—			
2 automobiles	750	800	750
District Training School—			
1 automobile	400		
Division of Child Welfare—			
3 automobiles	1,600	1,200	1,600

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Contingent and Miscellaneous Expenses, District of Columbia—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Board of public welfare—Continued.			
Industrial Home School (colored)—			
1 automobile	$420	$400	$420
Industrial Home School (white)—			
1 automobile	440	400	440
Home for Aged and Infirm—			
4 automobiles	1,500	1,600	1,500
Public Library:			
2 automobiles	700	700	
Water department:			
2 automobiles	1,000	1,000	1,000
Director of traffic:			
1 automobile	520	400	650
1 automobile	400	400	
Purchase of new passenger-carrying automobiles	4,800	8,050	2,330
			80,710
Unexpended balance			6,470
Total	97,000	90,730	87,180

For allowances for furnishing privately owned motor vehicles in the performance of official duties at the rate of not to exceed $312 per year for each automobile and $156 per year for each motor cycle (*act Mar. 2, 1927, vol. 44, p. 1302*) $15,000.00 $13,000.00

	Grade	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Building inspection division:				
8 inspectors	A	$2,496	$2,496	$2,496
2 inspectors	A	624		
Board of condemnation, insanitary buildings:				
1 inspector	A	312	312	312
Plumbing division:				
4 inspectors	A	1,248	1,248	1,248
1 inspector	C	156	312	312
1 inspector	D	96		
Coroner's office:				
1 coroner	B	180	312	312
Public Utilities Commission:				
1 engineer	A	312	312	312
Contingent and miscellaneous:				
1 purchasing officer	B	180	312	312
1 director of public welfare	B	180	312	312
Highways division:				
2 inspectors	A	624	312	312
1 overseer of bridges	A	312	312	312
Electrical department:				
4 inspectors	A	1,248	1,248	1,248
2 inspectors	A	624		
Public schools:				
1 superintendent of schools	B	180	312	312
2 first assistants	B	360	624	624
1 assistant superintendent (business office)	B	180	312	312
1 assistant superintendent (white elementary schools)	B	180	312	312
1 assistant superintendent (white schools, grades 1 to 6)	B	180	312	312
1 superintendent of janitors	A	312	312	312
1 cabinetmaker	A	312	312	312
1 supervisory principal (special activities in colored schools)	B	180	312	312
1 assistant superintendent (in charge of kindergarten)	B	180		
1 assistant superintendent (in charge, educational research)	B	180		
1 assistant superintendent (educational research	B	180		
1 assistant superintendent of janitors	B	180		
1 assistant superintendent of janitors	B	180		
Health department:				
1 health officer	B	180	312	312
1 assistant health officer	B	180	312	312
1 chief inspector	B	180	312	312
7 inspectors	A	2,184	2,184	2,184
1 chief medical and sanitary inspector	B	180	312	312
Board of public welfare:				
2 social workers	B	360		
Supreme Court:				
1 probation officer	B	180	312	312
Water department:				
3 inspectors	A	936	936	936
Playground department:				
1 director of boys' activities	B	180		
1 inspector of playgrounds	B	180		
Number of cars (63)		16,116	14,976	14,976
Less lapsed balances		1,116	1,976	2,106
Total		15,000	13,000	12,870

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Contingent and Miscellaneous Expenses, District of Columbia—Continued.		
All of said motor vehicles and all other motor vehicles provided for in this act and all horse-drawn carriages and buggies owned by the District of Columbia shall be used only for the purposes directly pertaining to the public services of said District, and shall be under the direction and control of the commissioners, who may from time to time alter or change the assignment for use thereof or direct the joint or interchangeable use of any of the same by officials and employees of the District, except as otherwise provided in this act: *Provided*, That with the exception of motor vehicles for the police and fire departments, no automobile shall be acquired under any provision of this act, by purchase or exchange, at a cost, including the value of a vehicle exchanged, exceeding $650, except as may be herein specifically authorized. No motor vehicles shall be transferred from the police or fire departments to any other branch of the government of the District of Columbia (*act Mar. 2, 1927, vol. 44, p. 1302*).		
[Appropriations in this act shall not be expended for the purchase or maintenance of horses or horse-drawn vehicles for the use of the commissioners, or for the purchase or maintenance or horses or horse-drawn vehicles for inspection or other purposes for those officials or employees provided with motor vehicles] (*same act*).		
Appropriations in this act shall not be used for the purchase, livery, or maintenance of horses, or for the purchase, maintenance, or repair of buggies or carriages and harness, except as provided for in the appropriation for contingent and miscellaneous expenses or unless the appropriation from which the same is proposed to be paid shall specifically authorize such purchase, livery, maintenance, and repair, and except also as hereinafter authorized (*same act*).		
Appropriations in this act shall not be used for the payment of premiums or other cost of fire insurance (*same act*).		
Telephones may be maintained in the residences of the superintendent of the water department, sanitary engineer, chief inspector of the street-cleaning division, assistant superintendent of the street-cleaning division, inspector of plumbing, Director of Public Welfare, health officer, assistant health officer, chief of the bureau of preventable diseases, chief engineer of the fire department, superintendent of police, electrical inspector in charge of the fire-alarm system, one fire-alarm operator, and two fire-alarm repair men, the superintendent of machinery and the fire marshal, under appropriations contained in this act. The commissioners may connect any or all of these telephones either to the system of the Chesapeake and Potomac Telephone Company or the telephone system maintained by the District of Columbia or to both of such systems (*same act*).		
For postage for strictly official mail matter (*same act*)	$21,000.00	$21,000.00
Postage: Expenditures—1929, $21,000; 1928, $21,000; 1927, $20,000.		
The commissioners are authorized, in their discretion, to furnish necessary transportation in connection with strictly official business of the District of Columbia by the purchase of street-car and bus fares from appropriations contained in this act: *Provided*, That the expenditures herein authorized shall be so apportioned as not to exceed a total of $8,000: *Provided further*, That the provisions of this paragraph shall not include the appropriations herein made for the fire and police departments.		
For judicial expenses, including procurement of chains of title, the printing of briefs in the Court of Appeals of the District of Columbia, witness fees, and expert services in District cases before the Supreme Court of said District (*act Mar. 2, 1927, vol. 44, p. 1303*)	4,500.00	5,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Printing	$1,500.00	$1,500.00	$1,382.75
Certificates of title	2,200.00	2,700.00	1,830.00
Stenographic reporting	500.00	500.00	307.25
Court costs	200.00	200.00	99.30
Witness fees	100.00	100.00	6.25
Advertising			13.80
Unexpended balance			1,360.65
Total	4,500.00	5,000.00	5,000.00

For general advertising, authorized and required by law, and for tax and school notices and notices of changes in regulations (*same act*)	8,000.00	6,500.00
General advertising: Expenditures—1929, $8,000; 1928, $6,500; 1927, $5,998.50.		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Contingent and Miscellaneous Expenses, District of Columbia—Continued. For advertising notice of taxes in arrears, July 1, [1927] *1928*, as required to be given by the act of February 28, 1898, as amended, to be reimbursed by a charge of 50 cents for each lot or piece of property advertised, $6,000: *Provided*, That the printing of tax-sale pamphlets shall be discontinued and in lieu thereof the notice of sale and the delinquent tax list shall hereafter be advertised once a week for two weeks in the regular issue of one morning and one evening newspaper published in the District of Columbia; and notice shall be given, by advertising twice a week for two successive weeks in the regular issue of two daily newspaper published in the District of Columbia, that such delinquent tax list has been published in two daily newspapers, giving the name of each and the dates and the issues containing said list, and such notice shall be published in the two weeks immediately following the week in which the delinquent tax list shall have been published: *Provided further*, That competitive proposals shall be invited by the commissioners from the several newspapers published in the District of Columbia for publishing the said delinquent tax list (*act Mar. 2, 1927, vol. 44, p. 1303*)	$6,000.00	$6,000.00

Advertising notice of taxes in arrears: Expenditures—1929, $6,000; 1928, $6,000; 1927, $5,500.

Public Employment Service, District of Columbia—
For personal services and miscellaneous and contingent expenses required for maintaining a public employment service for the District of Columbia (*act Mar. 2, 1927, vol. 44, p. 1303*) 9,650.00 9,880.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Salaries:						
Clerical, administrative, and fiscal service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 4, $1,680 to $2,400; average, $2,040—						
Clerk	1	$1,920	1	$1,920	1	$1,920
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	3	1,680	3	1,680	3	1,667
Grade 1, $1,140 to $1,500; average, $1,320—						
Junior typist	1	1,320	1	1,320	1	1,320
Custodial service—						
Grade 1, $600 to $780; average, $690—						
Junior messenger	1	660	1	600	1	600
Total average number of employees	6		6		6	
01 Total salaries		8,940		8,880		8,840
Contingent and miscellaneous expenses:						
Printing, stationery, and office supplies		20.00		25.00		39.11
Fuel		300.00		300.00		261.00
Electric current		80.00		80.00		72.16
Telephone rental		300.00		300.00		310.45
Miscellaneous		10.00		50.00		
Total		9,650.00		9,635.00		9,522.72

Marking Historical Places, District of Columbia—
For *purchase and* erection of suitable tablets to mark historical places in the District of Columbia (*act Mar. 2, 1927, vol. 44, p. 1303*) 500.00 500.00

Marking historical places: Expenditures—1929, $500; 1928, $500; 1927, $418.

Emergency Fund, District of Columbia—
To be expended only in case of emergency, such as riot, pestilence, public insanitary conditions, calamity by flood or fire or storm, and of like character, and in all other cases of emergency not otherwise sufficiently provided for, in the discretion of the commissioners, $4,000: *Provided*, That in making purchases under this fund not more than the market price shall be paid, and all bids above the market price shall be rejected and new bids received or purchases made in open market as may, in the judgment of the commissioners, be most economical and advantageous to the District of Columbia (*act Mar. 2, 1927, vol. 44, p. 1303*) 4,000.00 4,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Retaining wall at morgue			$1,835.20
Expenses of Ku-Klux Klan parade			752.97
Expenses of Colonel Lindbergh parade			1,077.26
			3,665.43
Unobligated balance			334.57
Total	$4,000.00	$4,000.00	4,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Refund of Erroneous Collections, District of Columbia—		
To enable the commissioners, in any case where special assessments, school tuition charges, rents, fees, or collections of any character have been erroneously covered into the Treasury to the credit of the United States and the District of Columbia in the proportion required by law, to refund such erroneous payments, wholly or in part, including the refunding of fees paid for building permits authorized by the District of Columbia appropriation act approved March 2, 1911, $3,000: *Provided*, That this appropriation shall be available for such refunds of payments made within the past three years (*act Mar. 2, 1927, vol. 44, p. 1303*)	$3,000.00	$3,000.00
Refund of erroneous collections: Expenditures—1929, $3,000; 1928, $3,000; 1927, $1,999.25.		
National Conference of Commissioners on Uniform State Laws, District of Columbia—		
To aid in support of the National Conference of Commissioners on Uniform State Laws (*act Mar. 2, 1927, vol. 44, p. 1304*)	250.00	250.00
National Conference of Commissioners on Uniform State Laws: Expenditures—1929, $250; 1928, $250; 1927, $250.		
Total, contingent and miscellaneous expenses, District of Columbia	223,700.00	214,660.00
Street and Road Improvement and Repair, District of Columbia—		
For assessment and permit work, including maintenance of nonpassenger-carrying motor vehicles (*act Mar. 2, 1927, vol. 44, p. 1304*)	300,000.00	300,000.00

	Rate	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
		Number	*Number*	*Number*
Inspector, per annum	$1,680–$1,860	2	2	2
Plumber, per diem	5.40–7.04	4	4	4
Blacksmith and helper, do	4.00–7.04	2	2	2
Carpenter, do	5.40–7.04	2	2	2
Auto driver, do	3.44–4.40	10	10	10
Auto mechanic, do	5.40–7.04	2	2	2
Paver, do	4.00–5.12	12	12	12
Miscellaneous and temporary labor	2.80–4.48			
Salaries		$2,800.00	$2,800.00	$2,639.34
Wages		50,000.00	50,000.00	50,758.12
Other objects of expenditure:				
Contract work		165,000.00	165,000.00	124,536.53
Construction material		66,400.00	66,400.00	66,131.95
Wood, coal, and fuel oil		450.00	450.00	472.63
Moving gas and electric poles		150.00	150.00	141.14
Miscellaneous supplies		2,950.00	2,950.00	2,864.57
Gasoline and oil		4,500.00	4,500.00	4,353.76
Remove and plant trees		1,000.00	1,000.00	998.76
Moving catch basins and fire hydrants		500.00	500.00	143.32
Automobile parts and repairs		350.00	350.00	326.03
Kerosene		900.00	900.00	835.45
Hardware, lumber, and plumbing supplies		5,000.00	5,000.00	4,747.12
				258,948.72
Balance (contract)				41,051.28
Total		300,000.00	300,000.00	300,000.00

For paving roadways under the permit system (*same act*)	40,000.00	50,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Miscellaneous and temporary labor, at $2.80 to $4.48 per day.			
ersonal services:			
Salaries	$300.00	$400.00	$201.99
Wages	2,000.00	3,000.00	1,441.33
Other objects of expenditure:			
Contracts	36,490.00	45,090.00	22,475.01
Material	1,200.00	1,500.00	874.60
Moving gas and electric poles	10.00	10.00	5.00
			24,997.93
Unobligated balance			2.07
Total	40,000.00	50,000.00	25,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Street and Road Improvement and Repair, District of Columbia—Continued.		
[For paving, repaving, grading, and otherwise improving streets, avenues, suburban roads, and suburban streets, respectively, including the maintenance of nonpassenger-carrying motor vehicles used in this work as follows:		
In all, $194,100; to be disbursed and accounted for as "Street improvements," and for that purpose shall constitute one fund: *Provided*, That no part of such fund shall be used for the improvement of any street or section thereof not herein specified]		$194,100.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Personal services:			
Salaries	$2,000.00	$2,000.00	$372.16
Wages		50,000.00	31,763.78
Other objects of expenditure:			
Contracts		128,660.00	92,500.55
Construction material		10,100.00	6,644.87
Team hire		200.00	64.80
Moving gas and electric poles		50.00	23.00
Miscellaneous		100.00	13.20
Automobile repairs and parts		1,800.00	1,299.38
Catch basins and fire hydrants		500.00	314.04
Moving trees		350.00	
Blue printing		40.00	
Hauling		300.00	303.61
			133,299.39
Balance (contract)			15,300.61
Total		194,100.00	148,600.00

Gasoline tax road and street fund:

For paving, repaving and grading, and otherwise improving streets, avenues, [suburban] *and* roads [and suburban streets, respectively], including personal services and the maintenance of motor vehicles used in this work, *and including curbing and gutters and replacement of curb line trees where necessary*, as follows, to be paid from the special fund created by section 1 of the act entitled "An act to provide for a tax on motor-vehicle fuels sold within the District of Columbia, and for other purposes," approved April 23, 1924, and accretions by repayment of assessments.

[For repaving and resurfacing sheet asphalt and asphalt-block pavements over thirty years old, $450,000.]

For paving, repaving and surfacing, including curbing and gutters where necessary, the following:

Northwest: Forty-first Street, Wisconsin Avenue to Davenport Street, $9,400.

Northwest: Quincy Street, Tenth Street to Georgia Avenue, $9,300.

Northwest: Kansas Avenue, Shepherd Street to Georgia Avenue, $17,400.

Northwest: Thirteenth Street, Kennedy Street to Longfellow Street, $6,600.

Northwest: Fern Street, Georgia Avenue to Blair Road, $15,700.

Northwest: Sheridan Street, Third Street to Fourth Street, $6,300.

Northwest: Fourth Street, pavement south of Quackenbos Street to Rittenhouse Street, $8,000.

Northwest: Fifth Street, Grant Circle to Decatur Street, $22,000.

Northwest: Georgia Avenue, Fern Street to District line, $36,200.

Northwest: Cathedral Avenue, Conduit Road to Potomac Avenue, $12,300.

Northwest: Garfield Street, Wisconsin Avenue to Bellevue Terrace, $9,500.

Northwest: Bellevue Terrace, Fulton Street to Cathedral Avenue, $13,100.

Northwest: Forty-third Street, Chesapeake Street to Brandywine Street, $6,000.

Northwest: Brandywine Street, Forty-third Street to Forty-third Place, $4,600.

Northwest: Forty-third Place, Chesapeake Street to Murdock Mill Road, $12,400.

Northwest: Tennyson Street west of Thirty-third Street, $6,700.

Northwest: Randolph Street, Thirteenth Street to Kansas Avenue, $4,000.

Northwest: Ninth Street, Longfellow Street to Madison Street, $4,600.

Northwest: Eighth Street, Longfellow Street to Marietta Place, $8,400.

Northwest: Madison Street, Seventh Street to Ninth Street, $12,500.

Northwest: Ninth Street, Quackenbos Street to Rittenhouse Street, $5,300.

Northwest: Eighth Street, Rittenhouse Street to Sheridan Street, $6,300.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Street and Road Improvement and Repair, District of Columbia—Continued.		
Gasoline tax road and street fund—Continued.		
For paving, repaving and surfacing, including curbing and gutters where necessary, the following—Continued.		
Northwest: Sheridan Street, Fifth Street to Ninth Street, $21,400.		
Northwest: Fifth Street, Rittenhouse Street to Sheridan Street, $5,800.		
Northwest: Ninth Street, Sheridan Street to Tuckerman Street, $8,000.		
Northwest: Aspen Street, Georgia Avenue to Piney Branch Road, $11,600.		
Northwest: Aspen Street, Piney Branch Road to Blair Road, $27,000.		
Northwest: Whittier Street, Fourth Street to Seventh Street, $15,700.		
Northwest: Sixth Street, Whittier Street to Aspen Street, $5,200.		
Northwest: Fifth Street, Van Buren Street to Aspen Street, $11,300.		
Northwest: Fourth Street, Whittier Street to Aspen Street, $5,200.		
Northwest: Second Street, Blair Road to Rittenhouse Street, $11,700.		
Northwest: Allison Street, New Hampshire Avenue to Illinois Avenue, $7,500.		
Northwest: Thirty-eighth Street, S Street to T Street, $5,100.		
Northwest: Forty-second Street, Jenifer Street to Military Road, $8,600.		
Northwest: N Street, Twenty-fourth Street to Twenty-fifth Street, $6,300.		
Northwest: Warren Street, Thirty-eighth Street to Wisconsin Avenue, $6,300.		
Northwest: Hertford Place, Oak Street to Ogden Street, $5,600.		
Northwest: Ingraham Street, Thirteenth Street west to end of pavement, $5,900.		
Northwest: Jefferson Street, Fifth Street to Seventh Street, $9,100.		
Northwest: Fifth Street, Jefferson Street to Longfellow Street, $9,400.		
Northwest: Ninth Street, Gallatin Street to Hamilton Street, $4,400.		
Northwest: Seventh Place, Farragut Street to Gallatin Street, $3,800.		
Northwest: Fifth Street, Emerson Street to Kansas Avenue, and east side of Kansas Avenue, Emerson Street to Fifth Street, $2,500.		
Northwest: Delafield Place, Fourth Street to Fifth Street, $7,400.		
Northwest: Delafield Place, Kansas Avenue to Seventh Street, $4,400.		
Northwest: Crittenden Street, Fourth Street to Fifth Street, $7,400.		
Northwest: Twenty-third Street, M Street to N Street, $12,000.		
Northwest: H Street, First Street to Massachusetts Avenue, $7,200.		
Northwest: Ninth Street, Rock Creek Church Road to Quincy Street, $6,400.		
Northwest: Marietta Place, Eighth Street to Ninth Street, $5,600.		
Northwest: For paving Wisconsin Avenue, River Road to District line, sixty feet wide, including necessary relocation of street-car tracks, sewers and water mains, refund to be obtained from street railway company so far as provided under existing law, $149,300.		
Northeast: Franklin Street, Sixth Street to Seventh Street, $7,700.		
Northeast: Thirteenth Street, Quincy Street to Michigan Avenue, $14,300.		
Northeast: Upshur Street, Twelfth Street to Sargent Road, $9,200.		
Northeast: Thirteenth Street, Upshur Street to Varnum Street, $4,600.		
Northeast: Lawrence Street, Twelfth Street to Fourteenth Street, $16,000.		
Northeast: Twentieth Street, Monroe Street to Otis Street, $8,900.		
Northeast: Newton Street, Twenty-second Street to Twenty-sixth Street, $15,000.		
Northeast: Twenty-fourth Street, Rhode Island Avenue to Otis Street, $20,300.		
Northeast: Carlton Avenue, South Dakota Avenue to Central Avenue, $10,700.		
Northeast: Monroe Street, Rhode Island Avenue to Clinton Avenue, $15,000.		
Northeast: Channing Street, Bladensburg Road to South Dakota Avenue, $26,000.		
Northeast: Cromwell Terrace, Second Street to Third Street, $4,000.		
Northeast: V Street, Second Street to Fourth Street, $10,000.		
Northeast: Third Street, U Street to Adams Street, $15,000.		
Northeast: W Street, Fourth Street to Rhode Island Avenue, $5,000.		
Northeast: Adams Street, Third Street to Fourth Street, $5,200.		
Northeast: Sixth Street, Franklin Street to property line north of Girard Street, $6,400.		
Northeast: Girard Street, Sixth Street to Seventh Street, $7,900.		
Northeast: Tenth Street, Girard Street to Jackson Street, $14,500.		
Northeast: Hamlin Street, Ninth Street to Twelfth Street, $11,700.		
Northeast: Girard Street, Tenth Street to Twelfth Street, $6,300.		
Northeast: Thirty-fifth Street, Bladensburg Road to Reform School, $4,500.		
Northeast: Trinidad Avenue, Queen Street to Childress Street, $4,700.		
Northeast: Queen Street, Trinidad Avenue to alley west of Holbrook Terrace, $7,000.		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Street and Road Improvement and Repair, District of Columbia—Continued.		
Gasoline tax road and street fund—Continued.		
For paving, repaving and surfacing, including curbing and gutters where necessary, the following—Continued.		
Northeast: Holbrook Street, Florida Avenue to Morse Street, $4,700.		
Northeast: Corbin Place, Tennessee Avenue to Thirteenth Street, $4,500.		
Northeast: D Street, Fourteenth Street to Fifteenth Street, $6,500.		
Northeast: Pierce Street, North Capitol Street to First Street, $11,500.		
Northeast: Yost Place west of Bladensburg Road, $7,500.		
Northeast: Holbrook Terrace west of Queen Street, $4,200.		
Northeast: Penn Street west of Queen Street, $5,000.		
Northeast: Duncan Street, Fourteenth Street to Fifteenth Street, $4,500.		
Southeast: B Street, Fifteenth Street to Eighteenth Street, $16,300.		
Southeast: Eighteenth Street, D Street to E Street, $6,400.		
Southeast: D Street, Seventeenth Street to Nineteenth Street, $13,300.		
Southeast: Potomac Avenue, E Street to Nineteenth Street, $10,000.		
Southeast: Seventeenth Street, Admiral Barney Circle to E Street, $13,800.		
Southeast: L Street, South Capitol Street to Cushing Place, $10,100.		
Southeast: Half Street, L Street to M Street, $4,800.		
Southeast: Sixteenth Street, E Street to G Street, $5,000.		
Southeast: Minnesota Avenue, Pennsylvania Avenue to Eighteenth Street, $49,500.		
Southeast: U Street, Fourteenth Street to Sixteenth Street, $11,000.		
Southeast: Fourteenth Street, Good Hope Road to S Street, $7,200.		
Southeast: Ridge Place, Thirteenth Street to Sixteenth Street, $17,700.		
Southeast: Thirteenth Street, S Street to Ridge Place, $3,400.		
Southeast: T Street, Thirteenth Street to Minnesota Avenue, $15,500.		
Southeast: Sixteenth Street, U Street to Good Hope Road, $3,800.		
Southeast: Sixteenth Street, Good Hope Road to Ridge Place, $12,900.		
For grading, including necessary culverts, drains, and retaining walls, the following:		
Northwest: Thirteenth Street, Longfellow Street to Madison Street, $3,900.		
Northeast: Ames Street, Fiftieth Street to Division Avenue; Blaine Street, Forty-ninth Street to Division Avenue; Division Avenue, Ames Street to Blaine Street; and Fiftieth Street, Ames Street to Blaine Street, $6,000.		
Northeast: Grant Street, Minnesota Avenue to Forty-sixth Street, $2,400.		
Northeast: New York Avenue, Florida Avenue to West Virginia Avenue, $36,900.		
Southeast: First Street, Atlantic Street to Halley Place; Halley Place, First Street to Halley Terrace; Halley Terrace north of Mississippi Avenue and Mississippi Avenue, First Street to Halley Terrace, $4,000.		
Southeast: Fields Place, Nichols Avenue to Sheridan Road, $4,000.		
Southeast: Thirty-second Street, Alabama Avenue to V Place; V Place, Thirty-first Street to Thirty-second Street and Thirty-first Street, V Place to U Place, $10,000.		
Northwest: For widening and repaving the roadway of Connecticut Avenue by seven feet on the west side from M Street to Eighteenth Street, adjacent to United States reservation numbered 150; by three feet on the east side from Eighteenth Street to N Street, adjacent to United States reservation numbered 150A; by fifteen feet on the west side from Eighteenth Street to N Street; and by fifteen feet on each side from N Street to Dupont Circle, $60,000.		
Northwest: For widening and repaving the roadway of Seventeenth Street by ten feet on the west side from H Street to K Street; by ten feet on the east side from H Street to I Street and by seven feet on the east side from I Street to K Street, including replacement of defective sewer and such alterations as may be necessary to Farragut Square, $46,000.		
Northwest: For widening to eighty feet and repaving the roadway of Connecticut Avenue from Florida Avenue to Columbia Road, $46,000.		
Northwest: For widening to fifty-six feet and repaving the roadway of Water Street from Wisconsin Avenue to Thirty-fifth Street, including replacement of defective sewer, $45,000.		
Northwest: For widening by twelve feet on the east side and repaving the roadway of Seventh Street, from Massachusetts Avenue to New York Avenue, $4,000.		
Northwest: For widening and repaving the west roadway of Fourteenth Street from Park Road to Monroe Street on plans to be approved by the Commissioners of the District of Columbia, $6,000.		
Northwest: For widening to forty-five feet and repaving the roadway of Tenth Street from F Street to New York Avenue, $43,000.		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Street and Road Improvement and Repair, District of Columbia—Continued.		
Gasoline tax road and street fund—Continued.		
In the widening and repaving of roadways hereinbefore provided for, 40 per centum of the entire cost thereof in each case shall be assessed against and collected from the owners of abutting property in the manner provided in the act approved July 1, 1914 (Thirty-eighth Statutes, page 524), as amended by section 8 of the act approved September 1, 1916 (Thirty-ninth Statutes, page 716). The owners of abutting property also shall be required to modify, at their own expense, the roofs of any vaults that may be under the sidewalk or parking on said street if it be found necessary to change such vaults to permit *of* the roadway being widened.		
For minor changes in roadway and sidewalks on plans to be approved by the Commissioners of the District of Columbia to facilitate vehicular and pedestrian traffic, $10,000.		
For construction of curbs and gutters, *or concrete shoulders in connection with all forms of macadam roadways* and adjustment of roadways thereto, *together with resurfacing of such roadways where necessary*, $290,000.		
In all, [$1,486,500] *$1,750,000*, to be disbursed and accounted for as "Gasoline tax road and street improvements," and for that purpose shall constitute one fund and be available immediately: *Provided*, That no part of such fund shall be used for the improvement of any street or section thereof not herein specified: *Provided further*, That assessments in accordance with existing law shall be made for paving and repaving roadways, where such roadways are paved or repaved with funds derived from the collection of the tax on motor-vehicle fuels and accretions by repayment of assessments: *Provided further*, That in the performance of the street paving work specially provided for in this act priority shall be given to those streets which are more in the nature of through thoroughfares or arterial highways (*act Mar. 2, 1927, vol. 44, p. 1305*)	$1,750,000.00	$1,486,500.00

	Rate	Estimated expenditures 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Assistant engineer	$1,860.00–$3,000.00	3	2	2
Transit man	1,860.00– 2,400.00	2	1	1
Rodman	1,500.00– 1,860.00	2	1	1
Inspector	1,860.00– 2,400.00	13	13	9
Chainman	1,140.00– 1,500.00	1	1	
Plumber	5.40–7.04	2	2	2
Blacksmith and helper	4.00–7.04	5	5	5
Carpenter	5.40–7.04	2	2	2
Auto mechanic	5.40–7.04	2	2	2
Auto driver	3.44–4.40	8	8	8
Roller man	4.88–6.40	1	1	1
Paver	4.00–5.12	6	6	6
Miscellaneous and temporary labor	$2.80 to $4.48.			
Personal services:				
Salaries		$40,900.00	$28,000.00	$8,654.01
Wages		129,000.00	110,000.00	76,022.65
Other objects of expenditure:				
Contract work		1,443,312.00	1,230,625.00	404,711.47
Construction material		74,000.00	64,000.00	33,357.18
Moving trees		4,600.00	4,000.00	2,286.06
Moving gas and electric poles		467.00	400.00	237.50
Hire of teams		1,200.00	1,000.00	689.40
Moving catch basins and fire hydrants		52,500.00	45,000.00	23,528.54
Hardware, lumber, etc		583.00	500.00	193.06
Blue printing		88.00	75.00	37.60
Civil service retirement		700.00	600.00	60.37
Miscellaneous supplies		1,750.00	1,500.00	945.14
Auto trucks and parts		900.00	800.00	460.94
				551,183.92
Balance (contract)				106,916.08
Total		1,750,000.00	1,486,500.00	658,100.00

Street repair, grading, and extension:

Grading streets, alleys, and roads: For labor, purchase and repair of carts, tools or hire of same, and horses (*act Mar. 2, 1927, vol. 44, p. 1307*) ---- 50,000.00 | 50,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Personal services: Wages	$15,000.00	$17,000.00	$16,668.68
Other objects of expenditure:			
Contract work	33,125.00	31,125.00	31,271.65
Moving trees	900.00	900.00	894.44
Moving electric poles	25.00	25.00	20.00
Hire of teams	700.00	700.00	799.20
Hardware and plumbing supplies	250.00	250.00	270.78
			49,924.75
Unobligated balance			75.25
Total	50,000.00	50,000.00	50,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Street and Road Improvement and Repair, District of Columbia—Continued.		
Street repair, grading, and extension—Continued.		
Condemnation: For purchase or condemnation of streets, roads, and alleys, and for the condemnation of small park areas at the intersection of streets, avenues, or roads in the District of Columbia, to be selected by the commissioners, $5,000. [The appropriation "Small parks, District of Columbia, 1927," is continued available until June 30, 1928] (*act Mar. 2, 1927, vol. 44, p. 1308*)	$5,000.00	$5,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Condemnation costs			$9,486.96
Balance (obligated)			3,013.04
Total			12,500.00
Purchase of alleys			784.55
Unobligated balance			215.45
Total	$5,000.00	$5,000.00	1,000.00

To carry out the provisions of existing law which authorize the Commissioners of the District of Columbia to open, extend, straighten, or widen any street, avenue, road, or highway, except Fourteenth Street extension beyond the southern boundary of Walter Reed Hospital Reservation, in accordance with the plan of the permanent system of highways for the District of Columbia there is appropriated such sum as is necessary for said purpose during the fiscal year [1928] *1929*, to be paid wholly out of the revenues of the District of Columbia [*:Provided*, That this appropriation shall be available to pay the awards and expenses under the act approved June 7, 1926, entitled "An act to authorize the widening of Harvard Street in the District of Columbia, and for other purposes"] (*same act*).

Repairs: [For current work of repairs of streets, avenues, and alleys, including resurfacing and repairs to asphalt pavements with the same or other not inferior material, and including the maintenance of nonpassenger-carrying motor vehicles used in this work.] *For current work of repairs to streets, avenues, roads, and alleys, including purchase, exchange, maintenance, and operation of nonpassenger-carrying motor vehicles used in this work, and the rental of necessary garage space therefor; and including the surfacing and resurfacing with the same or other not inferior materials of such of the following asphalt or concrete pavements as may be done within the funds available under this appropriation: Provided, That the amount expended for purchase of nonpassenger-carrying motor vehicles shall not exceed $40,000:*

North Capitol Street, G Street to L Street.
East side of Truxton Circle.
Northwest: First Street, Rhode Island Avenue to Channing Street.
Northwest: First Street, P Street to Florida Avenue.
Northwest: Second Street, H Street to Eye Street.
Northwest: Massachusetts Avenue, Sheridan Circle to S Street.
Northwest: Fourth Street, G Street to Eye Street.
Northwest: Sixth Street, Q Street to Rhode Island Avenue.
Northwest: New York Avenue, New Jersey Avenue to Fifth Street.
Northwest: Fifteenth Street, Pennsylvania Avenue to New York Avenue.
Northwest: New Hampshire Avenue, M Street to Dupont Circle.
Northwest: Dupont Circle (west side), Connecticut Avenue to Connecticut Avenue.
Northwest: Fuller Street, Sixteenth Street to Seventeenth Street.
Northwest: Irving Street, Georgia Avenue to Park Place.
Northwest: Wyoming Avenue, Twenty-third Street to Twenty-fourth Street.
Northeast: U Street, Lincoln Road to Second Street.
Northwest: Ninth Street, F Street to G Street (east side).
Northwest: Tenth Street, U Street to V Street.
Northwest: Tenth Street, V Street to W Street.
Northwest: Twelfth Street, V Street to W Street.
Northwest: Sixteenth Street, Q Street to U Street.
Northwest: Sixteenth Street, intersections at I, K, L, O, and P Streets.
Northwest: Seventeenth Street, E Street to New York Avenue.
Northwest: Nineteenth Street, Q Street to R Street.
Northwest: Twentieth Street, Wyoming Avenue to Kalorama Road.
Northwest: Twenty-third Street, G Street to I Street.
Northwest: Twenty-third Street, intersections of Virginia Avenue and F Street.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Street and Road Improvement and Repair, District of Columbia—Continued.		
Street repair, grading, and extension—Continued.		
Repairs—Continued.		
Northwest: Twenty-fourth Street, Virginia Avenue to F Street.		
Northwest: Thirtieth Street, P Street to Q Street.		
Northwest: B Street, First Street to Third Street.		
Northwest: C Street, New Jersey Avenue to First Street (south side).		
Northwest: E Street, New Jersey Avenue to Fourth Street.		
Northwest: F Street, Eighteenth Street to Nineteenth Street.		
Northwest: F Street, First Street to Second Street.		
Northwest: G Street, Fourth Street to Fifth Street (south side).		
Northwest: G Street, Nineteenth Street to Twenty-second Street.		
Northwest: I Street, Ninth Street to Tenth Street.		
Northwest: I Street, Nineteenth Street to Twentieth Street.		
Northwest: K Street (south side north of tracks) Seventh Street to Ninth Street.		
Northwest: L Street, New Jersey Avenue to Third Street.		
Northwest: L Street, Eleventh Street to Twelfth Street.		
Northwest: L Street, Twelfth Street to Fourteenth Street.		
Northwest: M Street, Fourteenth Street to Sixteenth Street.		
Northwest: M Street, Eleventh Street to Fourteenth Street.		
Northwest: M Street, North Capitol Street to First Street.		
Northwest: N Street, New York Avenue to Third Street.		
Northwest: N Street, Seventeenth Street to Eighteenth Street.		
Northwest: N Street, Connecticut Avenue to New Hampshire Avenue.		
Northwest: O Street, Ninth Street to Tenth Street.		
Northwest: O Street, North Capitol Street to New Jersey Avenue.		
Northwest: P Street, Bridge to 340 feet west.		
Northwest: P Street, Twenty-second Street to Bridge.		
Northwest: P Street, Fifth Street to Sixth Street.		
Northwest: Q Street, Seventeenth Street to New Hampshire Avenue.		
Northwest: Q Street, Twentieth Street to Twenty-first Street.		
Northwest: R Street, Wisconsin Avenue to Thirty-fifth Street.		
Northwest: R Street, Twenty-ninth Street to Thirtieth Street.		
Northwest: Riggs, New Hampshire Avenue to Nineteenth Street.		
Northwest: S Street, Seventeenth Street to New Hampshire Avenue.		
Northwest: T Street, Seventh Street to Ninth Street.		
Northwest: T Street, Second Street to Fourth Street.		
Northwest: U Street, Seventeenth Street to Florida Avenue.		
Northwest: V Street, Tenth Street to Twelfth Street.		
Northwest: Vermont Avenue, H Street to I Street.		
Northwest: W Street, Fifth Street to Seventh Street.		
Northwest: Belmont Street, Fourteenth Street to Fifteenth Street (except granite block).		
Northwest: Belmont Road, Eighteenth Street to Nineteenth Street.		
Northwest: Chapin Street, Fourteenth Street to Fifteenth Street (except granite block).		
Northwest: Harvard Street, Eleventh Street to Thirteenth Street.		
Northwest: Hiatt Street, Irving Street to end of asphalt.		
Northwest: Vernon Street, Eighteenth Street to Nineteenth Street.		
Northwest: California Street, Eighteenth Street to Nineteenth Street.		
Northwest: Columbia Road, Sherman Avenue to Fourteenth Street.		
Northwest: Wyoming Avenue, one hundred and fifty feet west of Connecticut Avenue to Thornton Place.		
Northwest: Wyoming Avenue, Thornton Place to Twenty-third Street.		
Northwest: Wyoming Avenue, Eighteenth Street to Nineteenth Street.		
Northwest: Kalorama Road, Champlain Street to Eighteenth Street.		
Northwest: Connecticut Avenue, Fessenden Street to Ingomar Street (east side).		
Northwest: Pennsylvania Avenue, First Street to Third Street (including Circle).		
Northwest: Massachusetts Avenue, Sixteenth Street to Seventeenth Street.		
Northwest: Massachusetts Avenue, Seventeenth Street to Eighteenth Street.		
Northwest: Rhode Island Avenue, Sixteenth Street to Seventeenth Street.		
Northwest: Oregon Avenue, New Hampshire Avenue to Eighteenth Street.		
Northwest: Florida Avenue, Fourth Street to New Jersey Avenue (south side).		
Northwest: Florida Avenue, First Street to Fourth Street (south side).		
Northwest: Florida Avenue, First Street to Third Street (north side north of Florida Avenue).		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Street and Road Improvement and Repair, District of Columbia—Continued.		
Street repair, grading, and extension—Continued.		
Repairs—Continued.		
Northwest: Florida Avenue, Rhode Island Avenue to Sixth Street (north side).		
Northwest: Florida Avenue, Eighteenth Street to Connecticut Avenue.		
Northeast: P Street, North Capitol Street to Florida Avenue.		
Northeast: Q Street, Lincoln Road to Eckington Place.		
Northeast: Quincy Street, First Street to Eckington Place.		
Northeast: Eckington Place, Florida Avenue to R Street.		
Northeast: New York Avenue, North Capitol Street to First Street.		
Northeast: M Street, First Street to Delaware Avenue.		
Northeast: L Street, First Street to Delaware Avenue.		
Northeast: H Street, North Capitol Street to First Street.		
Northeast: H Street, First Street to Second Street.		
Northeast: G Street, Fourth Street to Sixth Street.		
Northeast: D Street, Seventh Street to Ninth Street.		
Northeast: D Street, Massachusetts Avenue to three hundred feet west of Second Street.		
Northeast: Fourth Street, F Street to G Street.		
Northeast: Fourth Street, K Street to L Street.		
Northeast: Fourth Street, T Street to one hundred and forty feet south of W Street.		
Northeast: Fifth Street, H Street to I Street.		
Northeast: Fifth Street, C Street to D Street.		
Northeast: Seventh Street, East Capitol Street to Massachusetts Avenue.		
Northeast: Seventh Street, Massachusetts Avenue to Maryland Avenue.		
Northeast: Thirteenth Street, Massachusetts Avenue southeast to North Carolina Avenue.		
Northeast: Benning Road, Fifteenth Street to Sixteenth Street.		
Southeast: First Street, C Street to D Street.		
Southeast: Second Street, F Street to Virginia Avenue.		
Southeast: Fourth Street, Virginia Avenue to K Street.		
Southeast: Fourth Street, Virginia Avenue one hundred and fifty feet north.		
Southeast: Fourth Street, South Carolina Avenue to G Street.		
Southeast: Fourth Street, A Street to Pennsylvania Avenue.		
Southeast: Ninth Street, A Street (north side) to North Carolina Avenue (south side).		
Southeast: Ninth Street, E Street to G Street.		
Southeast: Tenth Street, Pennsylvania Avenue to L Street.		
Southeast: Tenth Street, Pennsylvania Avenue to South Carolina Avenue.		
Southeast: Tenth Street, South Carolina Avenue to C Street.		
Southeast: A Street, Seventh Street to North Carolina Avenue.		
Southeast: A Street, Third Street to Fifth Street.		
Southeast: C Street, Eleventh Street to Twelfth Street.		
Southeast: C Street, Sixth Street to Seventh Street.		
Southeast: Seward Square (north side) Pennsylvania Avenue to Sixth Street.		
Southeast: C Street, Third Street to Fourth Street.		
Southeast: B Street (north side) South Capitol Street to First Street.		
Southeast: G Street, Eleventh Street to Thirteenth Street.		
Southeast: I Street, Eighth Street to Eleventh Street.		
Southeast: M Street, Fourth Street to Eighth Street.		
Southeast: South Capitol Street, K Street to O Street.		
Southeast: Virginia Avenue, New Jersey Avenue to Second Street.		
Southeast: South Carolina Avenue, Seventh Street to Ninth Street.		
Southeast: North Carolina Avenue, B Street to Eleventh Street.		
Southwest: Third Street, B Street to Virginia Avenue.		
Southwest: Four-and-a-half Street, Missouri Avenue to Maryland Avenue.		
Southwest: Eighth Street, F Street to H Street.		
Southwest: B Street, Twelfth Street to Fourteenth Street.		
Southwest: B Street, Seventh Street to Twelfth Street.		
Southwest: C Street at Canal Street intersection.		
Southwest: D Street, Six-and-a-half Street to Seventh Street.		
Southwest: D Street, Third Street to Four-and-a-half Street.		
Southwest: E Street, Four-and-a-half Street to Seventh Street.		
Southwest: H Street, Third Street to Seventh Street.		
Southwest: I Street, Four-and-a-half Street to Sixth Street.		
Southwest: Canal Street (north side), South Capitol Street to Delaware Avenue.		
Southwest: Canal Street (north side), Delaware Avenue to C Street.		
Southwest: Canal Street (south side), First Street to Second Street.		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Street and Road Improvement and Repair, District of Columbia—Continued.		
Street repair, grading, and extension—Continued.		
This appropriation shall be available for repairing pavements of street railways when necessary; the amounts thus expended shall be collected from such railroad companies as provided by section 5 of "An act providing a permanent form of government for the District of Columbia," approved June 11, 1878, and shall be deposited to the credit of the appropriation for the fiscal year in which they are collected.		
The Commissioners of the District of Columbia are authorized and empowered, in their discretion, to fix or alter the respective widths of sidewalks and roadways (including tree spaces aud parking) of all highways that may be improved under appropriations contained in this act (*act Mar. 2, 1927, vol. 44, p. 1308*)	$1, 675, 000. 00	$900, 000. 00

	Rate	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
		Number	*Number*	*Number*
Inspector	per annum $1, 860. 00–$2, 400. 00	5	5	5
Plumber	per diem 5. 40–7. 04	2	2	2
Blacksmith and helper	do 4. 00–7. 04	5	5	5
Carpenter	do 5. 40–7. 04	2	2	2
Auto mechanic	do 5. 40–7. 04	4	4	3
Auto driver	do 3. 44–4. 40	8	8	8
Roller man	do 4. 88–6. 40	6	6	6
Paver	do 4. 00–5. 12	12	12	12
Curb setter	do 8. 00	1	1	1
Miscellaneous and temporary labor	per diem 2. 80–4. 48			
Personal services:				
Salaries		$5, 000. 00	$4, 500. 00	$4, 649. 34
Wages		563, 000. 00	615, 000. 00	625, 935. 80
Other objects of expenditure:				
Contract work		710, 000. 00	315, 000. 00	381, 820. 36
Construction material		186, 550. 00	150, 000. 00	167, 195. 98
Hire of teams		7, 000. 00	6, 500. 00	6, 898. 71
Broken stone		40, 000. 00	31, 000. 00	32, 295. 38
Wood, coal, and fuel oil		4, 000. 00	3, 800. 00	3, 858. 09
Hauling stone		1, 000. 00	700. 00	726. 40
Miscellaneous supplies (tools, implements, etc.)		4, 500. 00	3, 850. 00	4, 114. 11
Hardware, lumber, and plumbing supplies		7, 000. 00	6, 000. 00	5, 922. 35
Automobile repairs and parts		8, 000. 00	6, 500. 00	6, 612. 99
Gas and electricity		650. 00	500. 00	535. 58
Moving trees		500. 00	250. 00	212. 07
Printing and blue printing		500. 00	400. 00	404. 74
Construction of catch basins		10, 700. 00	5, 600. 00	6, 219. 69
Traveling expenses				313. 27
Kerosene oil		1, 200. 00	1, 000. 00	998. 80
Asphalt plant (repairs and parts)		2, 000. 00	2, 000. 00	1, 774. 68
Gasoline and oil		26, 500. 00	9, 000. 00	9, 404. 63
Civil-service retirement fund		100. 00	100. 00	98. 60
Machinery		30, 000. 00	28, 000. 00	14, 582. 75
Furnishing and hauling cinders		15, 000. 00	14, 000. 00	14, 213. 06
Repairs to steam roller, etc		7, 000. 00	6, 300. 00	5, 954. 24
Paving breaker and parts				1, 705. 99
Rental garage		4, 800. 00		
Purchase of trucks		40, 000. 00		
Transfers				75, 374. 61
				1, 221, 073. 00
Balance (obligated contracts)				73, 927. 00
Total		1, 675, 000. 00	1, 210, 000. 00	1, 295, 000. 00

	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
For construction and repair of sidewalks and curbs around public reservations and municipal and United States buildings (*same act*)	10, 000. 00	12, 000. 00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Personal services: Wages	$2, 800. 00	$2, 800. 00	$5, 142. 82
Other objects of expenditures:			
Material	2, 000. 00	2, 000. 00	2, 356. 89
Civil-service retirement and disability fund			1. 75
Contract work	5, 200. 00	7, 200. 00	5, 926. 54
			13, 428. 00
Balance (contract)			1, 572. 00
Total	10, 000. 00	12, 000. 00	15, 000. 00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Street and Road Improvement and Repair, District of Columbia—Continued.		
Street repair, grading, and extension—Continued.		
[For current work of repairs to suburban roads and suburban streets, including maintenance of nonpassenger-carrying motor vehicles, $310,000, of which sum $100,000 shall be available immediately] (*act Mar. 2, 1927, vol. 44, p. 1308*)		$310,000.00
No part of any appropriation contained in this act shall be available for repairing, resurfacing, or newly paving any street, avenue, or roadway by private contract unless the specifications for such work shall be so prepared as to permit of fair and open competition in paving material as well as in price (*same act*).		
In addition to the provision of existing law requiring contractors to keep new pavements in repair for a period of one year from the date of the completion of the work, the Commissioners of the District of Columbia shall further require that where repairs are necessary during the four years following the said one-year period, due to inferior work or defective materials, such repairs shall be made at the expense of the contractor, and the bond furnished by the contractor shall be liable for such expense (*same act*).		
Bridges:		
For construction and repair of bridges, including maintenance of nonpassenger-carrying motor vehicles (*act Mar. 2, 1927, vol. 44, p. 1309*)	$50,000.00	50,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Number	Number	Number
Carpenters, $5.40 to $7.04 per day	1	1	1
Miscellaneous and temporary labor, $2.80 to $4.08 per day			
Personal services: Wages	$28,000.00	$25,000.00	$22,484.82
Other objects of expenditure:			
Contract work	6,000.00	8,000.00	1,444.44
Construction material	7,000.00	7,900.00	1,112.44
Major repairs (lumber, etc.)	5,010.00	6,500.00	11,626.62
Miscellaneous supplies	400.00	600.00	354.02
Gas and electricity	100.00	90.00	102.60
Blue printing	15.00	10.00	11.77
Paint	3,200.00	1,300.00	2,136.90
Gasoline and oil	200.00	500.00	
Coal	75.00	100.00	78.86
Traveling expenses			64.18
Civil service retirement and disability fund			.74
			39,417.39
Unobligated balance			582.61
Total	50,000.00	50,000.00	40,000.00

Highway Bridge across Potomac River: For personal services in accordance with the classification act of 1923, $9,720; labor, $1,920; power, miscellaneous supplies, and expenses of every kind necessarily incident to the operation and maintenance of the bridge and approaches, $7,860; in all (*same act*) 19,000.00 19,500.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Salaries:						
Custodial service—	*Average—*		*Average—*		*Average—*	
Grade 4, $1,140 to $1,500; average, $1,320—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Undermechanic	4	$1,320	4	$1,320	4	$1,305
Grade 3, $1,020 to $1,260; average, $1,140—						
Guard (watchman)	4	1,110	4	1,110	4	1,080
Total average number of employees	8		8		8	
Total salaries		9,720		9,720		9,720
Labor		1,920.00		1,920.00		1,918.94
Unobligated balance						1.06
Total		1,920.00		1,920.00		1,920.00
Wages		5,031.00		5,031.00		4,145.45
Other objects of expenditure:						
Fuel		120.00		120.00		154.32
Miscellaneous supplies		1,300.00		900.00		2,291.08
Contract work				120.00		101.33
Civil service		87.00		87.00		92.07
Channel lights		142.00		142.00		123.28
Ice		45.00		50.00		32.48
Blue printing		10.00		5.00		13.56
Paint		600.00		1,380.00		422.05
Kerosene		25.00		25.00		22.00
						7,397.62
Unobligated balance						362.38
		7,360.00		7,860.00		7,760.00
Total		19,000.00		19,500.00		19,400.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Street and Road Improvement and Repair, District of Columbia—Continued.		
Bridges—Continued.		
Anacostia River Bridge: For employees, miscellaneous supplies, and expenses of every kind necessary to operation and maintenance of the bridge (*act Mar. 2, 1927, vol. 44, p. 1309*)	$6,000.00	$6,200.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Personal services: Wages	$4,433.00	$2,900.00	$3,220.63
Other objects of expenditure:			
Lighting	75.00	75.00	74.62
Fuel	50.00	50.00	52.15
Construction material	180.00	280.00	1,489.92
Hardware	25.00	50.00	28.06
Miscellaneous	25.00	225.00	20.63
Central armature works			1,862.46
Repairs to footway of draw	950.00		
Repairs to handrail	242.00		
Repairs to draw (cluster piles)		2,600.00	
Ice	20.00	20.00	14.63
			6,763.10
Unobligated balance			136.90
Total	6,000.00	6,200.00	6,900.00

Francis Scott Key Bridge: For miscellaneous supplies and expenses of every kind necessarily incident to the maintenance of the bridge and approaches, including personal services (*same act*)	2,000.00	2,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Personal services: Wages	$1,252.00	$1,252.00	$1,785.20
Other objects of expenditure:			
Coal	15.00	15.00	
Miscellaneous supplies	600.00	600.00	36.25
Electric lights	130.00	130.00	110.85
Ice	3.00	3.00	2.04
			1,934.34
Unobligated balance			65.66
Total	2,000.00	2,000.00	2,000.00

[Reconstruction of bridge over Rock Creek at Military Road (bridge numbered 13)] (*same act*)		20,000.00
Contract work: Expenditures, 1928, $20,000.		
[For construction of a bridge to replace the M Street Bridge over Rock Creek, including necessary changes in sewer and water mains and including also such sum or sums as may be necessary for personal services, engineering, and incidental expenses] (*same act*)		250,000.00
Contract work: Expenditures, 1928, $250,000.		
For reconstruction of the floor system of the Highway Bridge across the Potomac River, including personal services and other necessary expenses (submitted)	178,000.00	

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Personal services	$3,000		
Labor	5,000		
Material	3,000		
Contract	167,000		
Total	178,000		

For the preparation of plans and specifications for the elimination of the Michigan Avenue grade crossing in the District of Columbia in accordance with the provisions of the act approved March 3, 1927 (submitted)	5,000.00	
Plans and specifications: Expenditures—1929, $5,000.		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Street and Road Improvement and Repair, District of Columbia—Continued.		
Trees and parkings:		
For contingent expenses, including laborers, trimmers, nurserymen, repairmen, teamsters, hire of carts, wagons, or motor trucks, trees, tree boxes, tree stakes, tree straps, tree labels, planting and care of trees on city and suburban streets, care of trees, tree spaces, purchase and maintenance of nonpassenger-carrying motor vehicles, and miscellaneous items (*act Mar. 2, 1927, vol. 44, p. 1309*)	$115,000.00	$90,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Number	*Number*	*Number*
Wages:			
Auto mechanic, $6 per day	1	1	1
Auto drivers, $3.88 to $3.52 per day	9	8	8
Gardener, $4.80 per day	1	1	1
Watchman, $3.20 to $3.04 per day	2	2	2
Miscellaneous and temporary labor, $4.48 to $3.28 per day			
Personal services (wages)	$78,000.00	$62,000.00	$53,239.89
Other objects of expenditure:			
Hired teams (double and single aud horse)	10,000.00	7,500.00	8,560.56
Hired motor trucks	7,000.00	4,500.00	3,575.00
Equipment and materials	20,000.00	16,000.00	11,856.57
Miscellaneous work preformed by this department reimbursement being secured by repayment from other appropriations and deposits (labor and bired trucks, etc.)			7,529.14
Unobligated balance			1,987.18
			86,748.34
By appropriation "Trees and parking, District of Columbia, 1927"			78,000.00
By repayment to the above appropriation			8,748.34
Total	115,000.00	90,000.00	86,748.34

Statement of the number of horses, vehicles, and harness purchosed, and horses, vehicles, and outo trucks hired, and the sum paid for same from the appropriotion for "Trees and parking, District of Columbia, 1927"

VEHICLES PURCHASED

Kind	Amouut
Truck, Ford, ½-ton capacity	$429.54

HORSES AND VEHICLES HIRED

	Average number	Rate per day	Number of days	Amount paid
Double team	5	$7.20	1,000¾	$7,205.40
Single team	2	4.78	222¾	1,064.72
Horse	1	1.50	193⅜	290.44

AUTO TRUCKS HIRED

Kind of truck	Average number	Rate per day	Number of days	Amount paid
2-ton	2	$10	357½	$3,575

Unit cost of removing trees	$5.371
Unit cost of planting trees	7.838
Unit cost of trimming trees	.906
Unit cost of spraying trees	.071
Unit cost of cultivating trees	.186

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Street and Road Improvement and Repair, District of Columbia—Continued.		
Public convenience stations:		
For maintenance of public convenience stations, including compensation of necessary employees (*act Mar. 2, 1927, vol. 44, p. 1309*)	$28,000.00	$28,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average—		*Average*—		*Average*—	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Attendant	7	$3.60	7	$3.60	7	$3.60
Attendant	2	3.10	2	3.10	2	3.10
Attendant	8	2.85	8	2.85	8	2.85
Number of employees	17		17		17	
Total wages		20,596.00		20,406.00		21,258.89
Repairs and supplies		7,404.00		6,750.00		6,675.67
Unexpended balance				844.00		5,315.44
Total		28,000.00		28,000.00		33,250.00

Total, street and road improvement and repair, District of Columbia	4,233,000.00	3,773,300.00
Sewers, District of Columbia—		
For cleaning and repairing sewers and basins, including the [purchase of three motor trucks at not to exceed $650 each;] *replacement of three motor trucks at not to exceed $1,250 each;* for operation and maintenance of the sewage pumping service, including repairs to boilers, machinery, and pumping stations, and employment of mechanics and laborers, purchase of coal, oils, waste, and other supplies, and for the maintenance of non-passenger-carrying motor vehicles used in this work (*act Mar. 2, 1927, vol. 44, p. 1309*)	255,000.00	260,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Number	*Number*	*Number*
Carpenter, 1 at $7.04; 1 at $6.32	2	2	2
Caulker, 1 at $5	1	1	1
Machinist, 2 at $7.04; 1 at $6.32	3	3	3
Blacksmith, 1 at $7.04	1	1	1
Auto mechanic, 1 at $7.04	1	1	1
First-class steam engineer, 1 at $7.04	1	1	1
Steam fitter, 1 at $7.04; 1 at $6.32; 1 at $5.60	3	3	3
Painter, 1 at $7.04; 1 at $6.32	2	2	2
Electrician, 1 at $7.04; 1 at $6.32	2	2	2
Pilot, 1 at $4.72	1	1	1
Gardener, 1 at $5.12	1	1	1
Screenman, 2 at $4.24; 3 at $4; 1 at $3.76	6	6	6
Storekeeper, 1 at $4.24	1	1	1
Trade helper, 9 at $4.40	9	9	9
Oiler, 1 at $3.76; 3 at $3.20	4	4	4
Bricklayer, 2 at $7.04	2	2	2
Autotruck driver, $4 to $4.40	24	24	21
Auto driver, $3.68 to $3.92	4	4	4
Skilled laborer, $4.08 to $4.48	40	40	32
Laborer, $3.60 to $4	30	31	29
Watchman, 1 at $3.20	1	1	1
Plumber, 1 at $10	1	1	1
Wages	$176,507.86	$178,945.47	$162,260.72
Construction material	6,000.00	6,000.00	4,203.72
Coal	25,875.00	25,920.00	25,874.24
Oils and waste	1,900.00	1,500.00	1,812.27
Supplies, tools, and equipment	37,482.54	36,484.53	46,515.74
Purchase and exchange of motor vehicles	3,750.00	1,950.00	3,626.30
Repaving	2,000.00	1,000.00	1,759.57
Allotted other departments for salaries	1,484.60	1,500.00	1,484.60
Contract construction		6,700.00	12,462.84
Total	255,000.00	260,000.00	260,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Sewers, District of Columbia—Continued.		
For main and pipe sewers and receiving basins (*act Mar. 2, 1927, vol. 44, p. 1309*)	$195,000.00	$180,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Number	*Number*	*Number*
Inspector, 5 at $1,860	5	5	5
Motor truck driver, $4 to $4.24	4	4	3
Bricklayer, 3 at $7.04	3	3	3
Cement finisher, 1 at $4.24	1	1	1
First class steam engineer, 1 at $7.04	1	1	1
Trench bracer, 1 at $4.64			1
Pipelayer, 2 at $4.48	2	2	1
Skilled laborer, $4.08 to $4.48	14	14	10
Laborer, $3.60 to $4	17	17	48
Watchman, 2 at $3.20	2	2	2
Wages	$20,610.00	$20,610.00	$47,775.46
Wagons and trucks			1,468.90
Contract work	160,305.00	145,820.00	110,737.79
Construction material, day labor	5,000.00	5,000.00	6,579.52
Supplies, tools, and equipment	2,500.00	2,500.00	1,804.35
Repaiving, day labor	5,000.00	5,000.00	5,514.36
Allotted other departments for salaries	1,585.00	1,070.00	1,119.62
Total	195,000.00	180,000.00	175,000.00

For suburban sewers, including [the exchange or replacement of one motor truck at not to exceed $4,000, the purchase of one motor tractor at not to exceed $650, and] the maintenance of nonpassenger-carrying motor vehicles used in this work (*same act*)	600,000.00	648,890.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Number	*Number*	*Number*
Inspector, 5 at $1,860	5	5	5
Motor-truck driver, $4 to $4.48	2	2	1
Auto driver, $3.68 to $3.76	9	9	9
Bricklayer, 3 at $7.04	3	3	3
Pipelayer, 1 at $4.56	1	1	1
Skilled laborer, $4.08 to $4.48	13	13	10
Laborer, $3.60 to $4	15	15	29
Watchman, 1 at $3.20	1	1	1
First-class steam engineer, 1 at $7.04	1	1	1
Wages	$42,800.00	$42,800.00	$42,041.39
Wagons and trucks			356.40
Contract work	519,724.00	564,710.00	469,239.94
Construction material, day labor	14,200.00	14,200.00	7,599.09
Supplies, tools, and equipment	15,000.00	15,000.00	16,178.33
Purchase and exchange of motor vehicles		4,650.00	8,814.50
Repaving, day labor	3,000.00	3,000.00	1,459.41
Allotted other departments for salaries	5,276.00	4,500.00	4,310.94
Total	600,000.00	648,890.00	550,000.00

For assessment and permit work, sewers: *Provided, That the unexpended balance of the appropriation for this purpose for the fiscal year 1928 shall remain available until June 30, 1929* (*same act*)	410,000.00	500,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Number	*Number*	*Number*
Inspector, 5, at $1,860	5	5	5
Motor-truck driver, $4 to $4.96	4	4	4
Bricklayer, 3, at $7.04	3	3	3
Trench bracer, $4.64 to $4.88	2	2	1
Pipelayer, 4, at $4.56	2	2	4
Skilled laborer, $4.08 to $4.48	30	30	37
Laborer, $3.60 to $4	26	26	100
Watchman, 3, at $3.20	2	2	3
Wages	$89,800.00	$89,800.00	$111,671.10
Wagons and trucks			3,508.20
Contract work	279,305.00	371,000.00	250,610.24
Construction material, day labor	28,700.00	28,700.00	26,464.99
Supplies, tools, and equipment	6,000.00	6,000.00	2,998.70
Repaving, day labor	2,500.00	2,500.00	2,309.36
Allotted other departments for salaries	3,695.00	2,000.00	2,437.41
Total	410,000.00	500,000.00	400,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Sewers, District of Columbia—Continued.		
For purchase or condemnation of rights of way for construction, maintenance, and repair of public sewers (*act Mar. 2, 1927, vol. 44, 1309*)	$1,000.00	$1,500.00
Purchase or condemnation of rights of way for construction, maintenance, and repair of public sewers: Expenditures—1929, $1,000; 1928, $1,500; 1927, $20.55.		
For continuing the construction of the upper Potomac main interceptor (*same act*)	50,000.00	50,000.00
Continuing the construction of the upper Potomac main interceptor: Expenditures—1929, $50,000; 1928, $50,000; 1927, $50,000.		
For [beginning] *continuing* construction of the upper Anacostia main interceptor along the Anacostia River between Benning Road and the District line (*same act*)	15,000.00	60,000.00
Continuing the construction of the upper Anacostia main interceptor: Expenditures—1929, $15,000; 1928, $60,000.		
Total, sewers, District of Columbia	1,526,000.00	1,700,390.00
Collection and Disposal of Refuse, District of Columbia—		
For personal services in accordance with the classification act of 1923 (*act Mar. 2, 1927, vol. 44, p. 1310*)	125,000.00	124,860.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Salaries:						
Professional and scientific service—	*Average*—		*Average*—		*Average*—	
Grade 5, $5,200 to $6,000; average, $5,600—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Senior engineer (supervisor city refuse)	1	$5,600	1	$5,600	1	$5,600
Grade 4, $3,800 to $5,000; average, $4,400—						
Engineer (superintendent street cleaning)	1	4,400	1	4,400	1	4,400
Engineer (superintendent garbage reduction plant)	1	4,400	1	4,400	1	4,400
Subprofessional service—						
Grade 8, $2,400 to $3,000; average, $2,700—						
Chief engineering inspector (assistant superintendent, garbage reduction plant)	1	2,800	1	2,800	1	2,650
Chief engineering inspector (superintendent trash plant)	1	2,600	1	2,600	1	2,600
Clerical, administrative, and fiscal service—						
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant (chief inspector)	1	2,700	1	2,700	1	2,700
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk (chief clerk, city refuse)	1	2,400	1	2,400	1	2,250
Principal clerk (accountant)	1	2,400	1	2,400	1	2,350
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk (accountant)	1	1,800	1	1,800	1	1,800
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	3	1,660	3	1,660	3	1,637
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	7	1,457	7	1,457	7	1,457
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	2	1,260	2	1,260	2	1,260
Custodial service—						
Grade 10, $2,400 to $3,000; average, $2,700—						
Chief mechanical superintendent (master mechanic)	1	2,800	1	2,800	1	2,650
Chief mechanical superintendent (superintendent garbage collection)	1	2,600	1	2,600	1	2,600
Grade 9, $2,100 to $2,700; average, $2,400—						
Assistant mechanical superintendent (assistant superintendent street cleaning)	1	2,400	1	2,400	1	2,400
Assistant mechanical superintendent (superintendent ash service)	1	2,400	1	2,400	1	2,300
Assistant mechanical superintendent	1	2,300	1	2,300	1	2,300
Grade 8, $1,860 to $2,400; average, $2,130—						
Principal mechanic	2	2,100	2	2,100	2	2,050
Grade 7, $1,680 to $2,040; average, $1,860—						
Senior mechanic	2	1,770	2	1,770	2	1,770
Grade 6, $1,500 to $1,860; average, $1,680—						
General foreman of laborers	33	1,583	33	1,565	33	1,565
Grade 3, $1,020 to $1,260; average, $1,140—						
Senior laborer	2	1,080	2	1,080	2	1,080
Messenger	2	1,140	2	1,140	2	1,140
Special class, $1,680 to $2,040; average, $1,860—						
Veterinarian	1	1,800	1	1,800		
Total average number of employees	68		68		67	
Total salaries		125,540		124,860		
Deduct allowance value of houses furnished, 3, at $180		540		540		
Total		125,000		124,320		122,300

The difference between 1929 and 1928 is due to increases in salaries, $680.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Collection and Disposal of Refuse, District of Columbia—Continued. For dust prevention, sweeping, and cleaning streets, avenues, alleys, and suburban streets, under the immediate direction of the commissioners, and for cleaning snow and ice from streets, sidewalks, crosswalks, and gutters in the discretion of the commissioners, including services and purchase and maintenance of equipment; rent of storage rooms; maintenance and repairs of stables; hire, purchase, and maintenance of horses; hire, purchase, maintenance, and repair of wagons, harness, and other equipment; maintenance and repair of nonpassenger-carrying motor-propelled vehicles necessary in cleaning streets, and purchase of motor-propelled street-cleaning equipment; purchase, maintenance, and repair of bicycles; and necessary incidental expenses (*act Mar. 2, 1927, vol. 44, p. 1310*)	$500,000.00	$475,000.00

	Rate	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
		Number	*Number*	*Number*
Auto mechanic	per diem $5.04–$7.04	8	7	8
Auto truck driver	do 4.00–4.88	32	20	30
Blacksmiths	do 5.76–7.04	9	9	8
Carpenter	do 7.04	1	1	1
Electrician	do 6.00	1	1	1
Horseshoer	do 6.00–6.75	3	4	4
Harness maker	do 5.84	1	1	1
Machinist	do 6.00	1	1	1
Painter	do 7.04	1	1	1
Stable boss	do 5.04–6.00	2	2	2
Assistant stable boss	do 4.24–5.04	2	2	2
Storekeeper	do 4.72–6.00	5	5	4
Sheet-metal worker	do 7.04	1	1	1
Tinner	do 6.48	1	1	1
Wheelwright	do 6.48–6.80	1	2	1
Skilled laborer	do 4.00–4.48	6	3	6
Trade helper	do 4.80–4.88	2	5	1
Laborer	do 3.28–3.44	75	30	73
Laborer (whitewings and driver)	per diem 3.28–3.44	175	260	165
Inspector	per annum $2,400.00–$2,700.00	1		1
Total personal services		$375,000.00	$361,250.00	$355,617.62
General objects of expenditure:				
Rent of storage rooms		2,500.00	1,750.00	1,830.50
Repair materials and supplies		48,000.00	45,000.00	76,140.17
Forage		17,500.00	19,000.00	25,817.80
Stable supplies		4,500.00	5,000.00	5,578.95
Purchase of equipment		50,000.00	40,000.00	8,662.09
Miscellaneous items and contingencies		2,500.00	3,000.00	2,052.56
				475,699.69
Repays for work done for other departments				33,468.66
				442,231.03
Unobligated balance July 30, 1927				7,768.97
Total		500,000.00	475,000.00	450,000.00

NOTE.—The above includes an estimate for rental of storage rooms, as follows:

Whitewings section:	
No. 1, rear 525 New Jersey Avenue NW	$120
No. 2, rear 1217 Six-and-a-half Street NW	144
No. 2, rear 1734 Sixth Street NW	180
No. 2, rear 1929 Eleventh Street NW	120
No. 3, rear 458 C Street NW	72
No. 3, rear 1211 C Street NW	60
No. 3, rear 412 H Street NW	180
No. 4, rear 2008–2010 M Street NW	96
No. 4, rear 1515 L Street NW	150
No. 4, rear 713 Twentieth Street NW	192
No. 5, rear 3128 Fourteenth Street NW	120
No. 5, rear 1515 S Street NW	276
No. 6, rear 3339 N Street NW	108
No. 7, rear 702 Fifteenth Street NE	96
No. 3, rear 807 Tenth Street NW	180

To enable the commissioners to carry out the provisions of existing law governing the collection and disposal of garbage, dead animals, night soil, and miscellaneous refuse and ashes in the District of Columbia (no contract shall be let for the collection of dead animals), including inspection; fencing of public and private property designated by the commissioners as public dumps; and incidental expenses, [$900,000] *$950,000, including not to exceed $25,000 for repair and improvement of the garbage reduction plant*: *Provided*, That any proceeds received from the disposal of city refuse or garbage shall be paid into the Treasury of the United States to the credit of the United States and the District of Columbia in the manner provided by law: *Provided further*, That this appropriation shall not be available for collecting ashes or miscellaneous refuse from hotels and places of business or from apartment houses of four or more apartments in which the landlord furnishes heat to tenants (*same act*) 950,000.00 900,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Collection and Disposal of Refuse, District of Columbia—Continued.

	Rate per diem	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
		Number	*Number*	*Number*
Auto mechanic	$5.36–$6.00	4	4	2
Auto truck driver	4.00– 4.88	65	40	59
Assorter	1.52– 2.72	45	40	41
Blacksmith	6.00– 7.04	5	5	5
Cook	3.91– 3.93	4	4	3
Collector (garbage and trash)	3.28– 3.44	180	195	169
Engineer	3.92– 5.92	8	8	8
Fireman	4.16– 4.56	14	14	14
Grease man	3.84	1	1	1
Harness maker	4.64– 5.84	2	2	2
Horseshoer	6.00– 6.75	4	4	4
Laborer	3.28– 3.76	200	129	193
Skilled laborer	3.12– 4.48	45	50	36
Pressman	3.60– 4.05	14	12	14
Seamstress	2.08	1	1	1
Stable boss	5.36	1	1	1
Assistant stable boss	4.64– 4.80	2	3	2
Storekeeper	4.64– 5.60	2	3	2
Watchman	2.88	2	2	2
Painter	5.60	1		1
Total wages		$550,400.00	$536,380.00	$539,314.29
Salaries				63,277.50
General objects of expenditure:				
Improvement of garbage reduction plant		25,000.00		
Contract for collection and disposal of night soil		22,600.00	22,600.00	22,600.00
Rent of ash, trash, and garbage plants		12,000.00	14,020.00	13,799.26
Coal		25,000.00	25,000.00	20,415.25
Forage		30,000.00	39,000.00	34,237.98
Equipment		80,000.00	75,000.00	23,696.80
Repair materials and supplies		80,000.00	80,000.00	95,021.93
Miscellaneous expenses		83,000.00	70,000.00	90,763.00
Freight		42,000.00	38,000.00	40,000.00
				943,126.01
Repayments for work done for other departments				41,898.27
				901,227.84
Unobligated balance				33,772.16
Total		950,000.00	900,000.00	935,000.00

[For the acquisition of property in Prince William County, Virginia, to be used by the District of Columbia for the reduction of garbage, four hundred and fifty-five acres, more or less] (*act Mar. 2, 1927, vol. 44, p. 1310*) $25,000.00

Purchase of land: Expenditure, 1928; $25,000.

Total, collection and disposal of refuse, District of Columbia ..... $1,575,000.00 | 1,524,860.00

Playgrounds, District of Columbia—

For personal services in accordance with the classification act of 1923, [$94,085]: *Provided*, That employments hereunder, except directors, who shall be employed for twelve months shall be distributed as to duration in accordance with corresponding employments provided for in the District of Columbia appropriation act for the fiscal year 1924 (*act Mar. 2, 1927, vol. 44, p. 1310*) ..... 100,000.00 | 94,085.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Salaries:						
Subprofessional service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 6, $1,860 to $2,400; average, $2,100—						
Director of boys' and girls' activities	2	$1,920	2	$1,920	2	$1,860
Grade 3, $1,320 to $1,680; average, $1,500—						
Playground director	25	1,348	28	1,320	28	1,320
Playground director	3	1,320				
Grade 2, $1,140 to $1,500; average, $1,320—						
Assistant playground director (10 months)	0.8	1,140	0.8	1,140	0.8	1,140
Assistant playground director (7 months)	1.8	1,140	1.8	1,140	1.8	1,140
Assistant playground director (3 months)	1.2	1,140	1.2	1,140	1.2	1,140
Grade 1, $900 to $1,260; average, $1,080—						
Playground assistant (7 months)	2.4	900	2.4	900	2.4	900
Playground assistant (3 months)	8.4	900	8.4	900	8.4	900
Clerical, administrative, and fiscal service—						
Grade 11, $3,800 to $5,000; average, $4,400—						
Supervisor of playgrounds	1	4,200	1	4,200	0.5	3,800
					0.5	4,000
Grade 3, $1,500 to $1,860; average, $1,680—						
Senior stenographer	1	1,740	1	1,740	1	1,740
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	1	1,500	1	1,500	1	1,440

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Playgrounds, District of Columbia—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average—		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salaries—Continued.						
Custodial service—						
Grade 7, $1,680 to $2,040; average, $1,860—						
Inspector of playgrounds	1	$1,860	1	$1,860	1	$1,860
Grade 3, $1,020 to $1,260; average, $1,140—						
General utility man (10 months)	0.8	1,080	0.8	1,080	0.8	1,080
Watchman (caretaker)	28	1,020	28	1,020	28	1,020
Life guard	2	1,020	2	1,020	2	1,020
Total average number of employees	79.4		79.4		79.4	
01 Total salaries		94,870		94,085		93,605
New positions recommended:						
Subprofessional service—						
Grade 3, $1,320 to $1,680; average, $1,500—						
Playground director	2	2,640				
Grade 1, $900 to $1,260; average, $1,080—						
Playground assistant (3 months)	0.6	900				
Custodial service—						
Grade 3, $1,020 to $1,260; average, $1,140—						
Watchman (caretaker)	2	1,020				
	4.6					
		5,130				
Total number of employees	84		79.4		79.4	
Total salaries		100,000		94,085		93,605
The difference between 1929 and 1928 is due to—						
Increase in salaries	$785					
New positions	5,130					
Total increase	5,915					

For general maintenance, improvement, equipment, supplies, incidental and contingent expenses of playgrounds, including labor, *purchase at not exceeding $750, exchange,* and maintenance of *one* motor truck, under the direction and supervision of the commissioners (*act Mar. 2, 1927, vol. 44, p. 1310*) $54,500.00 $45,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Wages:			
Skilled laborer, at $4.32 to $4 per diem	$5,000.00	$5,000.00	$3,225.46
Laborer, at $4 to $3.28 per diem	14,000.00	14,000.00	12,899.67
Team, temporary, $7.20 to $9 per diem	500.00	500.00	861.94
Other objects of expenditure:			
Retaining wall, Georgetown playground	3,800.00		
Purchase of motor truck	750.00		
Material	5,500.00	5,500.00	5,211.20
Equipment	7,500.00	5,000.00	6,301.30
Supplies	11,500.00	10,000.00	11,518.47
Contract work, including grading and treatment of ground, fencing, shelters, toilet facilities, drinking fountains, setting trees and shrubs, making tennis courts, running tracks, and repairs to plumbing	5,450.00	4,500.00	1,885.91
Contingent expense	500.00	500.00	638.75
			42,542.70
Unobligated balance			457.30
Total	54,500.00	45,000.00	43,000.00

For the maintenance and contingent expenses of keeping open during the summer months the public school playgrounds, under the direction and supervision of the commissioners; for special and temporary services, directors, assistants, and janitor service during the summer vacation, and, in the larger yards, daily after school hours during the school term (*same act*) 25,000.00 23,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Salaries:			
Director, $1,320 per annum	$3,960.00	$2,640.00	$1,564.67
Assistant, $900 per annum	15,000.00	14,500.00	11,895.50
Janitor, $1 per diem	2,640.00	2,460.00	3,663.56
Team, temporary, $7.20 per diem	200.00	200.00	75.50
Athletic goods and industrial materials	3,200.00	3,200.00	3,740.36
			20,939.60
Unobligated balance			60.40
Total	25,000.00	23,000.00	21,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Playgrounds, District of Columbia—Continued.		
For supplies, installing electric lights, repairs, maintenance, and necessary expenses of operating three swimming pools, *including $3,000 for additional lockers and recementing the pools* (*act Mar. 2, 1927, vol. 44, p. 1310*)	$6,000.00	$3,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Wages:			
Skilled laborer, at $4.32 per diem	$200.00	$200.00	$369.14
Miscellaneous and temporary labor, $1 to $3.28 per diem	2,000.00	2,000.00	1,872.15
Lockers for swimming pools	1,000.00		
Recementing pools	2,000.00		
Supplies, such as disinfectants, savegran, lye, soap, hydrochloride of lime, brooms, brushes, etc	700.00	700.00	340.33
Repairs and upkeep, plumbing	100.00	100.00	355.68
			2,937.30
Unobligated balance			1,062.70
Total	6,000.00	3,000.00	4,000.00

Bathing pools: For superintendence, $600; for temporary services, supplies, and maintenance, $4,500; for repairs to buildings, pools, and upkeep of grounds, $1,780; in all, $6,880: *Provided*, That section 6 of the Legislative, Executive, and Judicial Appropriation Act approved May 10, 1916, as amended, shall not apply to the position of superintendent of these bathing pools during the fiscal year [1928] *1929* (*same act*)	6,880.00	6,880.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Wages:			
For superintendence	$600.00	$600.00	$600.00
Skilled laborer, $4 to $4.32 per diem	2,000.00	2,000.00	2,672.94
Miscellaneous and temporary labor, $1 to $3.50 per diem	3,450.00	3,450.00	2,362.89
Other objects of expenditure:			
Construction material and supplies	830.00	830.00	1,077.12
Plumbing			113.00
Total	6,880.00	6,880.00	6,825.95
Balance			54.05

Total, playgrounds, District of Columbia	192,380.00	171,965.00
Electrical Department, District of Columbia—		
For personal services in accordance with the classification act of 1923 (*acts Apr. 26, 1904, vol. 33, p. 306; Mar. 2, 1927, vol. 44, p. 1311*)	112,500.00	104,280.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Salaries:						
Professional and scientific service—	*Average*—		*Average*—		*Average*—	
Grade 4, $3,800 to $5,000; average, $4,400—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Engineer (electrical engineer, head of subdivision)	1	$4,400	1	$4,400	1	$4,400
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate engineer—						
Assistant electrical engineer	3	3,300	3	3,233	3	3,233
Superintendent						
Subprofessional service—						
Grade 8, $2,400 to $3,000; average, $2,700—						
Assistant mechanical superintendent (assistant superintendent of fire alarm)	2	2,400	2	2,400	1	2,400
Supervisor of inspectors						
Grade 7, $2,100 to $2,700; average, $2,400—						
Principal engineering inspector	1	2,100	1	2,100	0.3	2,100
Grade 6, $1,800 to $2,400; average, $2,111—						
Senior engineering inspector	8	1,860	8	1,860	0.3	1,872
Grade 5, $1,680 to $2,040; average, $1,860—						
Engineering aid (inspector)	1	1,740	1	1,680	0.7	1,722
Grade 4, $1,500 to $1,860; average, $1,680—						
Assistant engineering field aid	2	1,560	2	1,500	0.5	1,500
Grade 3, $1,320 to $1,680; average, $1,500—						
Junior engineering inspector	2	1,320	2	1,265	4	1,330
Junior engineering draftsman						
Grade 2, $1,140 to $1,500; average, $1,320—						
Apprentice engineering draftsman	1	1,140	1	1,140	0.9	1,140
Clerical, administrative, and fiscal service—						
Grade 5, $1,860 to $2,460; average, $2,111—						
Senior clerk (chief clerk)	1	2,000	1	2,000	1	2,000
Grade 4, $1,680 to $2,040; average, $1,860—						
Head operator, office devices (fire-alarm telegraph operator)	7	1,714	7	1,474	4	1,740

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Electrical Department, District of Columbia—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Salaries—Continued.						
Clerical, administrative, and fiscal service—Con.						
Grade 3, $1,500 to $1,860; average, $1,680—	*Average—*		*Average—*		*Average—*	
Assistant clerk (permit clerk)	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Assistant clerk (stenographer)	3	$1,520	3	$1,520	2.9	$1,521
Assistant clerk (accounting)						
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior operator, office devices—						
Chief telephone operator						
Special telephone operator, assistant fire-alarm operator						
Junior clerk, stenographer	9	1,347	9	1,349	8.8	1,344
Junior clerk, typist						
Assistant clerk—						
Account clerk						
Storekeeper						
Grade 1, $1,140 to $1,500; average, $1,320—						
Underoperator, office devices—						
Telephone operator	14	1,176	14	1,166	14	1,166
Underclerk						
Custodial service—						
Grade 7, $1,680 to $2,040; average, $1,860—						
Senior mechanic—						
Expert repairman	2	1,800	2	1,800	2	1,800
Assistant electrician						
Grade 6, $1,500 to $1,860; average, $1,680—						
Mechanic (repairman)	1	1,500	1	1,500	1	1,500
Grade 4, $1,140 to $1,500; average, $1,320—						
Undermechanic (repairman)	3	1,140	3	1,140	3	1,140
Grade 3, $1,020 to $1,260; average, $1,140—						
Minor mechanic (laborer)						
Messenger (laborer)	5	1,043	5	1,001	4.6	1,072
Messenger						
	66	105,600	66	104,280	61	95,164
NEW POSITIONS RECOMMENDED						
Subprofessional service—						
Grade 6, $1,860 to $2,400; average, $2,100—						
Senior engineering inspectors	3	1,860				
Clerical, administrative, and fiscal service—						
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk (typist)	1	1,320				
Total number of employees	70		66		61	
Total salaries		112,500		104,280		95,164
The difference between 1929 and 1928 is due to—						
Reallocation increases (net) $700						
New positions 6,900						
Increase in salaries 620						
Total increase 8,220						

For general supplies, repairs, new batteries, and battery supplies, telephone rental and purchase, telephone service charges, wire and cable for extension of telegraph and telephone service, repairs of lines and instruments, purchase of poles, tools, insulators, brackets, pins, hardware, cross arms, ice, record books, stationery, printing, livery, purchase and repair of bicycles, blacksmithing, extra labor, new boxes, maintenance of motor trucks, and other necessary items, [and including the exchange or replacement of one motor truck for not to exceed $2,750] (*act Mar. 2, 1927, vol. 44, p. 1311*) $33,000.00 $33,800.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Wages:	*Number*	*Number*	*Number*
Electrician, $7.04 per day	3	3	3
Skilled laborer, $4.48 per day	7	7	7
Miscellaneous and temporary labor, $3.28 to $7.04 per day	2	2	2
Personal services, wages	$4,100.00	$3,800.00	$5,153.11
Batteries and battery supplies	650.00	650.00	709.82
Telephone purchase, rental, and charges	20,350.00	20,300.00	17,788.68
Instruments and apparatus	1,500.00	1,600.00	1,499.46
Wire and cable	1,400.00	900.00	2,186.53
Line supplies	300.00	350.00	256.85
Posts and accessories	250.00	400.00	204.50
Tools and hardware	400.00	550.00	548.46
Allowance for maintenance of motor trucks	600.00	450.00	524.36
Office expenses	3,000.00	1,600.00	3,414.11
Storeroom and garage expenses	300.00	300.00	4.71
Purchase of autovehicles		2,750.00	579.00
Miscellaneous	150.00	150.00	445.12
Total	33,000.00	33,800.00	33,314.71

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Electrical Department, District of Columbia—Continued. For placing wires of fire alarms, police patrol, and telephone services underground, extension and relocation of police-patrol and fire-alarm systems, purchase and installing additional lead-covered cables, labor, material, appurtenances, and other necessary equipment and expenses, including not to exceed [$7,500] *$6,000* for replacing obsolete type of police-patrol signal system in [ninth and tenth precincts] *the eleventh precinct, and including not to exceed $5,600 for replacement of forty-one obsolete fire-alarm boxes by new type boxes (act Mar. 2, 1927, vol. 44, p. 1311)*	$34,000.00	$35,900.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Wages:	*Number*	*Number*	*Number*
Electrician, $7.04 per day	3	3	3
Skilled laborer, $4.48 per day	7	7	7
Miscellaneous and temporary labor, $3.28 to $7.04 per day	2	2	2
Personal services, wages	$5,800.00	$5,800.00	$4,985.81
Wire and cable	10,000.00	10,950.00	11,869.12
Line supplies	1,800.00	2,350.00	2,750.94
Boxes and fittings	4,500.00	6,500.00	4,759.00
Repairs to cuts	300.00	600.00	219.18
Posts and accessories	2,000.00	2,200.00	3,239.98
Replacing obsolete police signal systems	6,000.00	7,500.00	----------
Replacing obsolete fire-alarm boxes	3,600.00	----------	----------
Total	34,000.00	35,900.00	27,824.03

Lighting: For purchase, installation, and maintenance of public lamps, lamp-posts, street designations, lanterns, and fixtures of all kinds on streets, avenues, roads, alleys, and public spaces and for all necessary expenses in connection therewith, including rental of stables and storerooms, livery and extra labor, this sum to be expended in accordance with the provisions of sections 7 and 8 of the District of Columbia appropriation act for the fiscal year 1912 and with the provisions of the District of Columbia appropriation act for the fiscal year 1913, and other laws applicable thereto, *including not to exceed $1,500 for purchase of two light nonpassenger-carrying motor vehicles and including not to exceed $20,000 for the purchase, installation, and maintenance of electric traffic lights, signals, and controls,* [$750,000] *$950,000*: *Provided*, That this appropriation shall not be available for the payment of rates for electric street lighting in excess of those authorized to be paid in the fiscal year 1927, and payment for electric current for new forms of street lighting shall not exceed 2 cents per kilowatt-hour for current consumed: *Provided further, That no part of this appropriation shall be available for the payment on any contract required by law to be awarded through competitive bidding, which is not awarded to the lowest responsible bidder on specifications, and such specifications shall be so drawn as to admit of fair competition (same act)* | 950,000.00 | 750,000.00 |

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Wages:	*Number*	*Number*	*Number*
Draftsman, $1,320 per annum	1	----------	----------
Inspector, $1,500 per annum	----------	2	2
Inspector, per diem	----------	----------	----------
Electrician, per diem	1	1	1
Painter, per diem	4	3	3
Skilled laborer, per diem	5	5	5
Unskilled laborer, per diem	11	11	1
Personal services, wages	$20,000.00	$13,000.00	$19,500.00
Service by lighting companies:			
Gas, mantle	151,000.00	210,000.00	205,745.00
Electric, arc	147,000.00	145,000.00	66,909.00
Electric, incandescent	496,000.00	300,000.00	266,398.00
Gas and electric designation	7,000.00	7,000.00	5,720.00
Moving lamps	500.00	2,000.00	195.00
Lamp-posts, fixtures, etc	90,000.00	95,500.00	202,589.60
Signs, frames, designs, drawings, etc	12,000.00	9,000.00	7,154.00
Storeroom, stable, and garage expense	5,000.00	4,000.00	5,314.00
Motor vehicles	1,500.00	----------	----------
Electric traffic signals	20,000.00	----------	----------
Miscellaneous	1,500.00	500.00	535.00
Total	950,000.00	790,000.00	780,058.60

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Electrical Department, District of Columbia—Continued.		
[For replacing gas lamps and fixtures and older and less effective electric lamps and fixtures on streets, avenues, roads, and public spaces by improved gas or electric installations, purchase of posts and fixtures of all kinds, and for all necessary expenses in connection therewith, $40,000: *Provided,* That no part of this appropriation shall be available for the payment on any contract required by law to be awarded through competitive bidding, which is not awarded to the lowest responsible bidder on specifications, and such specifications shall be so drawn as to admit of fair competition] (*act Mar. 2, 1927, vol. 44, p. 1311*)		$40,000.00
For rearranging and improving police-patrol signal system in *proposed* number [fourteen] *fifteen* police precinct and extending telephone system to *proposed* number [fourteen] *fifteen* police station house, including the purchase, installation, and relocation of boxes, instruments, wire, cable, conduit connections, extra labor, and other necessary items (*same act*)	$4,570.00	4,200.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Number	*Number*	*Number*
Wages:			
Electrician ($7.04 per day)	3	3	2
Skilled laborer ($4.48 per day)	3	3	2
Personal services, wages	$1,200.00	$1,000.00	$525.20
Instruments and apparatus	240.00	200.00	
Wire and cable	2,115.00	1,900.00	3,384.30
Line supplies	460.00	600.00	62.40
Boxes and fittings	90.00	100.00	
Repairs to cuts	210.00	100.00	
Posts and accessories	255.00	300.00	
Total	4,570.00	4,200.00	3,971.90

[For alterations to police-patrol signal system to provide means of call signaling in precincts numbered one and six, including labor, material, appurtenances, and other necessary equipment and expenses] (*same act*)		1,300.00
Alterations to police-patrol signal system: Police signal system Nos. 1 and 6: Expenditures, 1928, $1,300.		
For *additional amount to complete* the erection and equipment of an addition to storehouse, on land belonging to the District of Columbia, in square 298, to be used for the examination, repair, and storage of material and supplies of the electrical department, including the inclosing, grading, and improving of the ground, to be immediately available (*same act*)	2,000.00	9,000.00
Storehouse: Expenditures—1929, $2,000; 1928, $9,000.		
Total, electrical department, District of Columbia	1,136,070.00	978,480.00
Public Schools, District of Columbia—		
Salaries: For personal services of administrative and supervisory officers in accordance with the act fixing and regulating the salaries of teachers, school officers, and other employees of the Board of Education of the District of Columbia, approved June 4, 1924 (*acts June 20, 1906, vol. 34, pp. 316–321, secs. 1–13; June 4, 1924, vol. 43, pp. 367–375, secs. 1–19; Mar. 2, 1927, vol. 44, p. 1312*)	634,000.00	620,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average—		*Average—*		*Average—*	
Salaries of administrative and supervisory officers:	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Superintendent	1	$10,000	1	$10,000	1	$10,000
First assistant superintendent	2	5,800	2	5,600	2	5,400
Assistant superintendent	6	4,517	6	4,417	6	4,317
Chief examiner	1	4,400	1	4,300	1	4,200
Class 12 (supervising principal)	11	4,373	11	4,273	11	4,173
Class 11 (head of department and assistant principal)	25	3,576	25	3,476	25	3,376
Class 10 (director of special subjects)	14	3,471	14	3,443	14	3,343
Class 9 (principal of senior high and normal school)	9	4,367	9	4,267	9	4,167
Class 8 (principal of junior high school)	10	3,860	10	3,760	10	3,310
Class 7 (administrative principal and principal of Americanization and vocational school)	56	3,180	56	3,154	56	2,696
Class 6 (teaching principal, 8 to 15 rooms)	38	2,800	38	2,800	38	2,275
Class 5 (teaching principal, 4 to 7 rooms)	10	2,590	10	2,580	10	2,480
Total number	183		183		183	
Total salaries		627,500		618,900		594,607
Salary lapses		6,350		2,100		35,693
Total		621,150		620,000		630,300

The difference between 1028 and 1929 is due to automatic increases, $7,500.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Public Schools, District of Columbia—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Salaries of administrative and supervisory officers—Con.						
New positions:	*Average—*		*Average—*		*Average—*	
Class 11 (head of department and assistant principal)	*No.* 1	*Salary* $3,200	*No.*	*Salary*	*No.*	*Salary*
Class 9 (principal of senior high and normal school)	1	4,000				
Class 8 (principal of junior high school)	2	3,500				
Class 6 (teaching principal, 8 to 15 rooms)	1	2,500				
Class 5 (teaching principal, 4 to 7 rooms)	1	2,300				
Total number	6					
Total salaries		19,000				
Salary lapses		3,500				
Less 1 head of department (class 11)		3,200				
Total		12,300				
Adjustments of principals' salaries:						
Class 6 to class 7	5	100				
Class 5 to class 6	1	50				
Total number	6					
Total salaries		550				
01 Total, personal services		634,000		$620,000		$630,300

For personal services of clerks and other employees in accordance with the classification act of 1923 (*acts June 20, 1906, vol. 34, pp. 316–321, secs. 1–13; Mar. 2, 1927, vol. 44, p. 1312*) $132,000.00 $113,240.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Salaries:						
Clerical, administrative, and fiscal service—						
Grade 9, $3,000 to $3,600; average, $3,300—	*Average—*		*Average—*		*Average—*	
Senior administrative (secretary to the Board of Education)	*No.* 1	*Salary* $3,100	*No.* 1	*Salary* $3,100	*No.* 1	*Salary* $3,100
Accountant and auditor	1	3,100	1	3,100	1	3,100
Grade 5, $1,860 to $2,400; average, $2,111.42—						
Senior clerk-stenographer	1	2,000	1	2,000	1	1,920
Senior accountant and auditiog assistant	1	1,920	1	1,920	1	1,860
Senior clerk	1	2,000	1	2,000	1	1,920
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	1	1,860	1	1,860	1	1,800
Clerk-stenographer	4	1,770	4	1,770	4	1,710
Accounting and auditing assistant	2	1,770	2	1,770	2	1,680
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	3	1,560	3	1,560	3	1,520
Senior stenographer	1	1,560	1	1,560	1	1,500
Assistant clerk-stenographer	3	1,640	3	1,640	3	1,580
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	5	1,380	5	1,380	5	1,356
Junior clerk-stenographer	45	1,407	45	1,370	45	1,280
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk-typist	7	1,166	7	1,140	7	1,140
Custodial service—						
Grade 6, $1,500 to $1,860; average, $1,680—						
Mechanic (cabinetmaker)	1	1,740	1	1,740	1	1,680
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger	1	1,080	1	1,020	1	1,020
Total average number of employees	78		78		78	
Total salaries		116,940		115,020		109,769
Salary lapses				40		1,411
Total		116,940		114,980		111,180
The difference between 1928 and 1929 is due to increased allowances on the basis of efficiency ratings, $1,960.						
New positions:						
Professional and scientific services—						
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate economic analyst	1	3,000				
Clerical, administrative, and fiscal services—						
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	1	1,500				
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk-stenographer	8	1,320				
Total average number of employees	10					
Total salaries		15,060				
01 Total personal services		132,000		114,980		111,180

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Public Schools, District of Columbia—Continued. For personal services in the department of school attendance and work permits in accordance with the act approved June 4, 1924, and the act approved February 5, 1925 (*acts June 20, 1906, vol. 34, pp. 316–321, secs. 1–13; June 4, 1924, vol. 43, pp. 367–375, secs. 1–19; Feb. 26, 1925, vol. 43, pp. 986–994; Mar. 2, 1927, vol. 44, p. 1312*)	$35,600.00	$31,500.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average—		*Average—*		*Average—*	
Salaries:	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Director	1	$3,500	1	$3,500	1	$3,400
Attendance officer	11	1,764	11	1,664	11	1,533
Census inspector	6	1,650	6	1,550	6	1,467
Total average number of employees	18		18		18	
Total salaries		32,800		31,100		29,064
Salary lapses				400		836
Total		32,800		31,500		29,900
The difference between 1928 and 1929 is due to automatic increases, $1,300.						
New positions:						
Attendance officer (census inspector)	1	1,400				
Attendance officer (child labor law inspector)	1	1,400				
Total average number of employees	2					
Total salaries		2,800				
Total average number of employees	20				18	
01 Total personal services		35,600		31,500		29,900

Teachers:
Salaries: For personal services of teachers and librarians in accordance with the act approved June 4, 1924 (*acts June 20, 1906, vol. 34, pp. 316–321, secs. 1–13; June 4, 1924, vol. 43, pp. 367–375, secs. 1–19; Mar. 2, 1927, vol. 44, p. 1312*) — $5,912,920.00 — $5,662,640.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average—		*Average—*		*Average—*	
Salaries of teachers and librarians:	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Regular teachers and librarians—						
Class 1A	1,793	$2,047	1,793	$1,963	1,799	$1,844
Class 1B	6	2,400	6	2,300		
Class 2A	203	2,248	203	2,154	203	2,054
Class 2C	106	2,337	106	2,239	107	2,145
Class 2D	1	3,000	1	2,900		
Class 3A	407	2,595	407	2,535	466	2,458
Class 3B	140	3,111	140	3,064	81	3,084
Class 4A	10	2,160	10	2,110	10	2,040
Total average number of employees	2,666		2,666		2,666	
Total salaries		5,905,100		5,693,200		5,378,681
Annual substitutes—						
Class 1A	14	1,400	14	1,400	14	1,400
Class 2C	2	1,800	2	1,800	2	1,800
Class 3A	8	1,800	8	1,800	8	1,800
Total average number of employees	24		24		24	
Total salaries		37,600		37,600		27,600
		5,942,700.00		5,730,800.00		5,416,280.98
Less salary lapses		178,280.00		68,160.00		148,019.02
Total		5,764,420.00		5,662,640.00		5,564,300.00
The difference between 1928 and 1929 is due to automatic increases, $101,780.						
New positions:						
Regular teachers and librarians—						
Class 1A	40	1,400				
Class 2A	37	1,800				
Class 2C	16	2,200				
Class 3A	2	2,200				
Total average number of employees	95					
Total salaries		145,200				
Add longevity allowance on account of 33 positions included in above but to be carried in 1928 supplemental estimates		3,300				
		148,500				
01 Total personal services		5,912,920		5,662,640		5,564,300

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Public Schools, District of Columbia—Continued.		
Teachers—Continued.		
No part of any appropriation made in this act shall be paid to any person employed under or in connection with the public schools of the District of Columbia who shall solicit or receive, or permit to be solicited or received, on any public-school premises, any subscription or donation of money or other thing of value from any pupil enrolled in such public schools for presentation of testimonials to school officials or for any purpose except such as may be authorized by the Board of Education at a stated meeting upon the written recommendation of the superintendent of schools (*act Mar. 2, 1927, vol. 44, p. 1312*).		
For the instruction and supervision of children in the vacation schools and playgrounds, and supervisors and teachers of vacation schools and playgrounds may also be supervisors and teachers of day schools (*acts June 20, 1906, vol. 34, pp. 316–321, secs. 1–13; June 4, 1924, vol. 43, pp. 367–375, secs. 1–19; Mar. 2, 1927, vol. 44, p. 1312*)	$33,000.00	$30,000.00

	Estimated expeuditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Highs-chool teacher	$14,379.75	$13,559.40	$15,663.10
Junior high school teacher	2,555.50	2,367.00	2,000.55
Elementary-school teacher	15,408.50	13,490.40	11,750.90
Playground teacher	656.25	576.20	514.20
Unobligated balance		7.00	70.65
Total	33,000.00	30,000.00	30,000.00

To carry out the purposes of the act approved June 11, 1926, entitled "An act to amend the act entitled 'An act for the retirement of public-school teachers in the District of Columbia,' approved January 15, 1920, and for other purposes" (*acts June 20, 1906, vol. 34, pp. 316–321, secs. 1–13; Jan. 15, 1920, vol. 41, pp. 387–390; June 11, 1926, vol. 44, pp. 727–731; Mar. 2, 1927, vol. 44, p. 1312*) 380,000.00 359,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Payments to teachers	$160,000.00	$130,000.00	$91,964.50
To be invested by Treasurer, United States	220,000.00	229,000.00	
Total	380,000.00	359,000.00	91,964.50

Night schools:

Salaries: For teachers and janitors of night schools, including teachers of industrial, commercial, and trade instruction, and teachers and janitors of night schools may also be teachers and janitors of day schools (*acts June 20, 1906, vol. 34, pp. 316–321, secs. 1–13; June 4, 1924, vol. 43, pp. 367–375, secs. 1–19; Mar. 2, 1927, vol. 44, p. 1312*) 95,000.00 90,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
High-school principal	$2,800.00	$2,800.00	$2,760.00
Junior-high-school principal	1,500.00	1,500.00	1,334.00
Vocational-school principal	1,000.00	1,000.00	920.00
Elementary-school principal	3,000.00	3,000.00	2,896.00
High-school teacher	40,000.00	40,000.00	40,075.00
Junior-high-school teacher	12,500.00	12,500.00	12,591.00
Vocational-school teacher	9,200.00	4,200.00	4,163.50
Elementary-school teacher	13,000.00	13,000.00	12,992.00
Assistant to director	600.00	600.00	552.00
Assistant to principal	400.00	400.00	460.00
Janitor	11,000.00	11,000.00	11,217.74
Unobligated balance			37.96
Total	95,000.00	90,000.00	90,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Public Schools, District of Columbia—Continued.		
Night schools—Continued.		
Contingent expenses: For contingent and other necessary expenses, including equipment and purchase of all necessary articles and supplies for classes in industrial, commercial, and trade instruction (*acts June 20, 1926, vol. 34, pp. 316–321, secs. 1–13; June 4, 1924, vol. 43, pp. 367–375, secs. 1–19; Mar. 2, 1927, vol. 44, p. 1312*)	$4,500.00	$4,500.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Materials	$2,300.00	$2,300.00	$2,621.57
Equipment	2,200.00	2,200.00	1,428.25
Unobligated balance			450.18
Total	4,500.00	4,500.00	4,500.00

The deaf, dumb, and blind:		
For expenses attending the instruction of deaf and dumb persons admitted to the Columbia Institution for the Deaf from the District of Columbia, under section 4864 of the Revised Statutes, and as provided for in the act approved March 1, 1901, and under a contract to be entered into with the said institution by the commissioners (*same acts*)	27,500.00	27,000.00
Instruction of deaf and dumb persons: Expenditures—1929, $27,500; 1928, $27,000; 1927, $25,000.		
For maintenance and tuition of colored deaf-mutes of teachable age belonging to the District of Columbia, in Maryland, or some other State, under a contract to be entered into by the commissioners, [$5,000] *$6,500*: *Provided*, That all expenditures under this appropriation shall be made under the supervision of the Board of Education (*same acts*)	6,500.00	5,000.00
Maintenance of colored deaf-mutes: Expenditures—1929, $6,500; 1928, $5,000; 1927, $3,750.		
For instruction of blind children of the District of Columbia, in Maryland, or some other State, under a contract to be entered into by the commissioners, $10,500: *Provided*, That all expenditures under this appropriation shall be made under the supervision of the Board of Education (*same acts*)	10,500.00	10,500.00
Instruction of blind children: Expenditures—1929, $10,500; 1928, $10,500; 1927, $10,166.66.		
Americanization work:		
For Americanization work and instruction of foreigners of all ages in both day and night classes, and teachers and janitors of Americanization schools may also be teachers and janitors of the day schools (*acts June 20, 1906, vol. 34, pp. 316–321, secs. 1–13; June 4, 1924, vol. 43, pp. 367–375, secs. 1–19; Mar. 2, 1927, vol. 44, p. 1313*)	10,000.00	10,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Night-school teacher	$9,000.00	$9,000.00	$9,072.36
Summer-school teacher	200.00	100.00	41.60
Janitor	800.00	800.00	831.78
Unobligated balance			51.26
Total	10,000.00	10,000.00	10,000.00

For contingent and other necessary expenses, including books, equipment, and supplies (*same acts*)	1,000.00	1,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Books	$50.00	$50.00	$75.85
Materials	700.00	700.00	825.40
Equipment	250.00	250.00	995.51
Unobligated balance			103.24
Total	1,000.00	1,000.00	2,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Public Schools, District of Columbia—Continued.		
Community center department:		
For personal services of the director, general secretaries, and community secretaries in accordance with the act approved June 4, 1924; part-time employees, including janitors on account of meetings of parent-teacher associations and other activities, and contingent expenses, equipment, supplies, and lighting fixtures (*acts June 20, 1906, vol. 34, pp. 316–321, secs. 1–13; June 4, 1924, vol. 43, pp. 367–375, secs. 1–19; Mar. 2, 1927, vol. 44, p. 1313*)	$41,000.00	$41,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average—		*Average*—		*Average*—	
Salaries and wages:	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Director	1	$3,400	1	$3,300	1	$3,208
General secretary	2	2,200	2	2,150	2	2,100
Community secretary	7	1,700	7	1,700	7	1,657
Total number of employees	10		10		10	
Total salaries		19,700.00		19,500.00		19,008.27
The difference between 1929 and 1928 is due to longevity allowances (act of June 4, 1924), $200.						
Temporary services:						
Community secretary (part time)		3,700.00		3,700.00		3,424.85
Clerk and messenger		4,400.00		4,400.00		4,313.65
Janitor		6,600.00		6,600.00		4,846.89
Other employees		4,300.00		4,300.00		5,749.32
Total		19,000.00		19,000.00		18,334.71
Materials		900.00		900.00		762.61
Equipment		1,400.00		1,600.00		884.28
						38,989.87
Unobligated balance						10.13
Total		41,000.00		41,000.00		39,000.00

Care of buildings and grounds:		
Salaries: For personal services in accordance with the classification act of 1923 (*acts June 20, 1906, vol. 34, pp. 316–321, secs. 1–13; Mar. 2, 1927, vol. 44, p. 1313*)	611,000.00	575,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Salaries:	*Average*—		*Average*—		*Average*—	
Clerical, administrative, and fiscal services—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 9, $3,000 to $3,600; average, $3,300—						
Administrative assistant (superintendent of janitors)	1	$3,200	1	$3,200	1	$3,100
Subprofessional service—						
Grade 3, $1,320 to $1,680; average, $1,500—						
Assistant gardener (gardener)	2	1,350	2	1,350	2	1,350
Custodial service—						
Grade 8, $1,860 to $2,400; average, $2,111.42—						
Principal mechanic (assistant superintendent of janitors)	2	1,920	2	1,920	2	1,930
Principal mechanic (engineer)	1	2,000	1	2,000	1	1,860
Grade 7, $1,680 to $2,040; average, $1,860—						
Senior mechanic (engineer)	5	1,812	5	1,812	5	1,812
Grade 6, $1,500 to $1,860; average, $1,680—						
Mechanic (engineer)	13	1,316	13	1,240	10	1,560
General foreman of laborers (janitor)	19	1,580	19	1,580	18	1,583
Mechanic (engineer-janitor)	28	1,616	28	1,616	24	1,565
Mechanic (electrician)	4	1,545	4	1,545	4	1,545
Grade 5, $1,320 to $1,680; average, $1,500—						
Junior mechanic (engineer-janitor)	27	1,413	27	1,413	28	1,352
Junior mechanic (assistant engineer)	17	1,168	17	1,116	14	1,324
Grade 4, $1,140 to $1,500; average, $1,320—						
Undermechanic (fireman)	47	1,150	47	1,174	42	1,179
Assistant foreman of laborers (janitor)	34	1,182	34	1,182	32	1,185
Grade 3, $1,020 to $1,260; average, $1,140—						
Senior laborer (janitor)	50	1,116	50	1,116	52	1,053
Senior laborer (assistant janitor)	13	1,149	13	1,092	13	1,149
Minor mechanic (fireman)	6	1,060	6	1,060	6	1,060
Guard (watchman)	*10	1,062	10	1,062	10	1,062
Junior domestic attendant (matron)	24	1,015	24	987	20	1,065
Grade 2, $900 to $1,140; average, $1,020—						
Junior laborer (janitor)	21	948	21	948	22	944
Junior laborer (laborer)	178	934	178	920	166	838
Subordinate mechanic (coal passer)	7	917	7	917	7	917
Grade 1, $600 to $780; average, $690—						
Junior messenger (janitor)	2	600	2	600	2	600
Total average number of employees	511		511		481	
Total salaries		578,965.00		573,545.00		527,695.93
Salary lapses		6,000.00		1,455.00		17,304.07
Total		572,965.00		575,000.00		545,000.00
The difference between 1928 and 1929 is due to increased allowances on the basis of efficiency ratings, $5,420.						

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Public Schools, District of Columbia—Continued.

Care of buildings and grounds—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Salaries—Continued.			
New positions—			
Custodial service—	*Average*—	*Average*—	*Average*—
Grade 8, $1,860 to $2,400; average, $2,111.42—	*No.* *Salary*	*No.* *Salary*	*No.* *Salary*
Principal mechanic (engineer)	1 $1,860		
Grade 6, $1,500 to $1,860; average, $1,680—			
General foreman of laborers (janitor)	1 1,500		
Mechanic (electrician)	1 1,500		
Grade 5, $1,320 to $1,680; average, $1,500—			
Junior mechanic (assistant engineer)	3 1,320		
Grade 4, $1,140 to $1,500; average, $1,320—			
Undermechanic (fireman)	8 1,140		
Grade 3, $1,020 to $1,260; average, $1,140—			
Senior laborer (assistant janitor)	3 1,020		
Minor mechanic (engineer-janitor)	1 1,020		
Guard (watchman)	1 1,020		
Grade 2, $900 to $1,140; average, $1,020—			
Junior laborer (laborer)	19 900		
Subordinate mechanic (coal passer)	3 900		
Subprofessional service—			
Grade 3, $1,320 to $1,680; average, $1,500—			
Assistant gardener (gardener)	1 1,320		
Total average number of employees	42		
Total salaries	44,160		
Salary lapses	5,165		
Less 1 engineer (class 6)	1,680		
Less 1 fireman (class 4)	1,140		
Total	36,175		
Adjustment of janitors' salaries—			
Engineer-janitor, Grade 5 to Grade 6	1 180		
Janitor, Grade 4, to engineer-janitor, Grade 6	2 360		
Janitor, Grade 3, to engineer-janitor, Grade 6	1 480		
Engineer-janitor, Grade 3 to Grade 6	1 480		
Total number of employees	5		
Total salaries	1,860		
01 Total personal services	611,000	$575,000	$545,000

For care of smaller buildings and rented rooms, including cooking and manual-training schools, wherever located, at a rate not to exceed $96 per annum for the care of each schoolroom, other than those occupied by atypical or ungraded classes, for which service an amount not to exceed $120 per annum may be allowed (*acts June 20, 1906, vol. 34, pp. 316–321, secs. 1–13; Mar. 2, 1927, vol. 44, p. 1313*) $7,000.00 $7,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Payments to caretakers:			
Portable buildings	$5,000.00	$5,000.00	$3,930.00
Atypical and ungraded classes	240.00	240.00	240.00
Other classrooms	1,760.00	1,760.00	3,306.88
Unobligated balance			523.12
Total	7,000.00	7,000.00	8,000.00

Miscellaneous:

[For the maintenance of atypical, open air, and ungraded classes] (*same acts*) 4,000.00

For the maintenance of schools for tubercular pupils (*same acts*) 4,500.00 4,500.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Materials	$3,500.00	$3,500.00	$3,653.61
Equipment	1,000.00	1,000.00	104.71
Unobligated balance			241.68
Total	4,500.00	4,500.00	4,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Public Schools, District of Columbia—Continued.		
Miscellaneous—Continued.		
For transportation for pupils attending schools for tubercular pupils, [$3,780] *$4,000*: *Provided*, That expenditures for *street* car *and bus* fares from this fund shall not be subject to the general limitations on the use of *street* car *and bus* fares covered by this act (*acts June 20, 1906, vol. 34, pp. 316–321, secs. 1–13; Mar. 2, 1927, vol. 44, p. 1313*)	$4,000.00	$3,780.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Busses	$3,780	$3,780	$2,877
Car tokens	220		
Unobligated balance			123
Total	4,000	3,780	3,000

For purchase and repair of furniture, tools, machinery, material, and books and apparatus to be used in connection with instruction in manual training and incidental expenses connected therewith (*same acts*)	85,000.00	75,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Materials	$56,000.00	$51,000.00	$47,787.44
Telephone service	50.00	50.00	101.77
Books	50.00	50.00	197.13
Equipment	28,900.00	23,900.00	21,511.29
Unobligated balance			402.37
Total	85,000.00	75,000.00	70,000.00

For fuel, gas, and electric light and power (*same acts*)	270,000.00	250,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Fuel	$180,000.00	$180,000.00	$163,844.84
Gas	10,000.00	8,000.00	9,738.57
Electricity	80,000.00	62,000.00	75,416.59
Unobligated balance			1,000.00
Total	270,000.00	250,000.00	250,000.00

Furniture:		
For *completely furnishing and equipping* [furniture and equipment, including pianos and window shades, for] buildings and additions to buildings [and furniture and equipment for additional kindergartens, manual-training shops, cooking, housekeeping and cooking, and sewing schools, wherever located,] as follows: [Eight-room addition to the Bruce School, $5,806; eight-room addition to the Burroughs School, $5,806; four-room addition to the Amidon School, $2,903; Garnet Junior High School, $48,314; four-room addition to the Smothers School, $2,903; Gordon Junior High School, $48,314; addition to the Langley Junior High School, $11,314; addition to the Hine Junior High School, $5,200; eight-room building at Carlton and Central Avenues, northeast, $5,806; four-room building at Potomac Heights, $3,153; eight-room addition and assembly hall to Barnard School, $8,531; six-room addition to the Bryan School, $4,355; eight-room addition to the Margaret Murray Washington Vocational School, $15,000;] *Combination assembly hall and gymnasium, Wheatley School, $3,000; eight-room addition, including combination assembly hall and gymnasium, Morgan School, including repair, replacement, and extension of equipment of old building, $16,000; eight-room building, including combination assembly hall and gymnasium on Grant Road, $11,100; eight-room building, including combination assembly hall and gymnasium at Fourteenth and Upshur Streets, $11,100; eight-room addition, including combination assembly hall and gymnasium, Raymond School, $11,100; sixteen-room building, including combination assembly hall and gymnasium to replace Langdon School, $17,000; combination assembly hall and gymnasium, Takoma School, $3,000; eight-room building, including combination assembly hall and gymnasium to commence replacement of the old Bell School and the Cardozo School, $11,100; eight-room addition, including combination assembly hall and gymnasium, Burrville School, $11,100;* [three kindergartens, $3,000; two sewing schools, $1,200; two housekeeping and cooking schools, $3,000; two cooking schools, $3,000; two manual-training shops, $3,000;] in all, [$180,605] *$94,500*, to continue available until June 30, [1929,] *1930* (*same acts*)	94,500.00	180,605.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Public Schools, District of Columbia—Continued.

Furniture—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Francis Junior High School			$37,904.74
Stuart Junior High School			38,169.39
Randall Junior High School			32,492.99
Eight-room addition to Bell School			6,658.51
Sixteen-room building at Brightwood			10,436.95
Eight-room building at Brightwood Park			3,986.03
Eight-room building on Calvert Street			6,608.13
Macfarland Junior High School			6,129.44
Eight-room addition to Bruce School		$5,806.00	
Eight-room addition to Burroughs School		5,806.00	
Four-room addition to Amiden School		2,903.00	
Garnet Junior High School		48,314.00	
Four-room addition to Smothers School		2,903.00	
Gordon Junior High School		48,314.00	
Addition to Langley Junior High School		11,314.00	
Addition to Hine Junior High School		5,200.00	
Eight-room building at Carlton and Central Avenues		5,806.00	
Four-room building at Potomac Heights		3,153.00	
Eight-room addition and assembly hall to Barnard School		8,531.00	
Six-room addition to Bryan School		4,355.00	
Eight-room addition to Margaret Murray Washington Vocational School		15,000.00	
Assembly hall, gymnasium at Wheatley School	$3,000.00		
Eight-room addition and assembly hall to Morgan School	16,000.00		
Eight-room building and assembly hall on Grant Road	11,100.00		
Eight-room building and assembly hall at Fourteenth and Upshur Streets	11,100.00		
Eight-room addition and assembly hall to Raymond School	11,100.00		
Sixteen-room building and assembly hall at Langdon School	17,000.00		
Assembly hall-gymnasium at Takoma School	3,000.00		
Eight-room building and assembly hall to replace old Bell and Cardoza Schools	11,100.00		
Addition to Burrville School	11,100.00		
Three kindergartens			2,997.52
Two sewing schools		1,200.00	1,195.25
Two housekeeping and cooking schools		3,000.00	2,819.17
Two cooking schools		3,000.00	1,753.42
Two manual training shops		3,000.00	1,474.67
Unobligated balance			47,086.82
Total	94,500.00	177,605.00	199,113.04

For *completing the* furniture and equipment, including pianos and window shades and repair, remodeling, and refinishing of existing equipment, for the McKinley Technical High School, [$100,000] *$350,000,* [and the commissioners are authorized to enter into contract or contracts for the furniture and equipment for this building at a cost not to exceed $450,000] (*acts June 20, 1906, vol. 34, pp. 316–321, secs. 1–13; Mar. 2, 1927, vol. 44, p. 1314*) $350,000.00 $100,000.00

Furniture and equipment: Expenditures—1929, $350,000; 1928, $100,000.

For contingent expenses, including furniture and repairs of same, [pay of cabinetmaker,] stationery, printing, ice, United States flags, *paper towels,* and other necessary items not otherwise provided for, and including not exceeding $3,000 for books of reference and periodicals, *not exceeding $1,500 for replacement of pianos at an average cost of not to exceed $300 each, and not exceeding $5,000 for labor,* [$100,000] *$155,000*: *Provided,* That a bond shall not be required on account of military supplies or equipment issued by the War Department for military instruction and practice by the students of high schools in the District of Columbia (*same acts*) 155,000.00 100,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Labor for refinishing furniture	$5,000.00		
Material for repair and refinishing furniture	7,000.00	$6,000.00	$4,985.26
Books of reference	3,000.00	3,000.00	2,051.78
Telephone service	2,000.00	1,600.00	1,419.30
Removal of ashes	11,000.00	10,000.00	10,000.00
United States flags	2,000.00	2,000.00	1,998.70
Material for cleaning buildings	15,000.00	14,000.00	12,326.90
Oils and lubricants	3,000.00	3,000.00	2,877.26
Repair of window shades	5,000.00	2,000.00	1,986.25
Replacement of window shades	15,000.00	6,000.00	5,687.48
Replacement of furniture	40,000.00	28,660.00	21,511.29
Replacement of typewriters	15,000.00	6,000.00	4,832.50
Replacement of pianos	1,500.00	1,500.00	1,467.00
Paper towels	10,000.00	10,000.00	4,998.00
Office materials and general contingencies	20,500.00	18,000.00	17,275.91
Unexpended balance			402.37
Total	155,000.00	111,760.00	93,820.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Public Schools, District of Columbia—Continued.		
[For the purchase of sanitary paper towels and for fixtures for dispensing the same] (*acts June 20, 1906, vol. 34, pp. 316–321, secs. 1–13; Mar. 2, 1927, vol. 44, p. 1314*)		$10,000.00
[For purchase of pianos for school buildings and kindergarten schools, at an average cost not to exceed $300 each] (*same acts*)		1,500.00
For textbooks and school supplies for use of pupils of the first eight grades and for the necessary expenses of purchase, distribution, and preservation of said textbooks and supplies, including necessary labor not to exceed $1,000, [$175,000] *$125,000: Provided*, That the Commissioners of the District of Columbia, in their discretion, are authorized to exchange any badly damaged book for a new one, the new one to be similar in text to the old one when it was new (*same acts*)	$125,000.00	175,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Textbooks	$46,000.00	$103,000.00	$120,898.11
Supplies	52,000.00	45,000.00	50,914.66
Paper	22,000.00	22,000.00	23,105.40
Hauling and preservation	4,000.00	4,000.00	3,853.29
Labor	1,000.00	1,000.00	1,000.00
Unobligated balance			228.54
Total	125,000.00	175,000.00	200,000.00

For maintenance of kindergartens, *including not to exceed $3,000 for furnishing and equipping three additional kindergartens* (*same acts*)	10,000.00	7,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Material	$4,800.00	$4,800.00	$4,128.30
Books	200.00	200.00	213.58
Equipment	5,000.00	5,000.00	5,427.02
Unexpended balance			231.10
Total	10,000.00	10,000.00	10,000.00

For utensils, material, and labor, for establishment and maintenance of school gardens (*same acts*)	3,000.00	3,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Labor	$1,000.00	$1,000.00	$928.45
Materials	2,000.00	2,000.00	2,068.83
Unobligated balance			2.72
Total	3,000.00	3,000.00	3,000.00

The Board of Education is authorized to designate the months in which the ten salary payments now required by law shall be made to teachers assigned to the work of instruction in nature study and school gardens (*same acts*).

For purchase of apparatus, fixtures, specimens, technical books, and for extending the equipment and for the maintenance of laboratories of the departments of physics, chemistry, biology, and general science in the several high and junior high schools and normal schools, and for the installation of the same (*same acts*)	14,000.00	14,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Materials	$6,950.00	$6,950.00	$3,491.71
Books	60.00	60.00	57.05
Equipment	6,990.00	6,990.00	8,974.96
Unobligated balance			476.28
Total	14,000.00	14,000.00	13,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Public Schools, District of Columbia—Continued.		
The children of officers and men of the United States Army, Navy, and Marine Corps, and children of other employees of the United States stationed outside the District of Columbia shall be admitted to the public schools without payment of tuition (*act Mar. 2, 1927, vol. 44, p. 1313*).		
Not to exceed $100,000 of the unexpended balances of appropriations for buildings and grounds, public schools, contained in the second deficiency act fiscal year 1925, the District of Columbia appropriation act fiscal year 1926, the first deficiency act fiscal year 1926, and the District of Columbia appropriation act fiscal year 1927, is hereby made available until June 30, 1929, for the improvement of grounds surrounding public-school buildings constructed under appropriations for the fiscal year 1927 and prior fiscal years (acts June 20, 1906, vol. 34, pp. 316–321, secs. 1–13; Feb. 26, 1925, vol. 43, pp. 986–994; Mar. 2, 1927, vol. 44, p. 1314).		
For repairs and improvements to school buildings [and grounds], repairing and renewing heating, plumbing, and ventilating apparatus; installation and repair of electric lighting equipment, [and] installation of sanitary drinking fountains, [in buildings not supplied with same,] and maintenance of motor trucks, *including not to exceed $1,500 for purchase of two one-half ton trucks (acts June 20, 1906, vol. 34, pp. 316–321, secs. 1–13; Mar. 2, 1927, vol. 44, p. 1314)*	$529,610.00	$550,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Purchase of motor trucks	$1,500		
Heating plants	83,850	$116,000	$88,308
Ventilation systems	4,800	4,000	3,250
Electrical work	18,000	32,160	52,488
Drinking fountains	1,000	10,000	5,024
Painting	117,200	104,200	105,450
Roofing	15,325	15,000	14,671
Upkeep of shop	26,000	25,170	24,370
Moving portables	15,000	10,000	9,720
General repairs	180,500	190,970	186,822
Toilet facilities	30,000	10,000	
Improvement of grounds		32,500	24,606
Fire prevention	18,350		35,281
Health and sanitation	18,085		
Total	529,610	550,000	550,000

For necessary remodeling, painting, and completely equipping the old McKinley Technical High School for use as the Shaw Junior High School and the old Shaw Junior High School for use as a business high school, including the repair and refinishing of existing equipment (acts June 20, 1906, vol. 34, pp. 316–321, secs. 1–13; Feb. 26, 1925, vol. 43, pp. 986–994) (submitted)	70,500.00	

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Old McKinley Technical High School:			
Painting	$9,000		
Plumbing	5,000		
General repairs	6,000		
Lockers	7,500		
Classroom furniture	5,000		
Cafeteria equipment	7,500		
Window shades	3,500		
Refinishing and repair of furniture and equipment	5,000		
Old Shaw Junior High School:			
Painting	4,500		
Plumbing	5,000		
General repair	4,500		
Cafeteria equipment	5,000		
Window shades	1,000		
Refinishing and repair of furniture and equipment	2,000		
Total	70,500		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Public Schools, District of Columbia—Continued.		
For rent of school buildings and grounds, storage, and stock rooms (*acts June 20, 1906, vol. 34, pp. 316–321, secs. 1–13; Feb. 26, 1925, vol. 43, pp. 986–994*)	$11,000.00	$11,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
1340 G Street NE	$1,080.00	$1,080.00	$1,080.00
1201 K Street NE		1,680.00	1,680.00
Brookland M. E. Church	360.00	360.00	840.00
212 H Street NW	960.00	960.00	960.00
214 Franklin Street NE	360.00	360.00	360.00
1606 M Street NW			487.50
737–739–741 Eleventh Street NE	1,440.00	1,440.00	1,440.00
810 Sixth Street SW	1,200.00	1,200.00	1,200.00
2606 Nichols Avenue SE	140.00	140.00	80.00
Friendship Baptist Church			350.00
Zion Baptist Church			48.00
800 East Capitol Street	2,160.00	2,160.00	2,160.00
Lots 14 and 15, Square 2572	900.00	900.00	900.00
Lots 850, 865, 866, 867, part of 863, and part of 864, square 2882	140.00	140.00	80.00
Lot 817, square 5203	140.00	140.00	140.00
Auto shop for Abbot Vocational School	1,500.00		
Unobligated balance	620.00	440.00	194.50
Total	11,000.00	11,000.00	12,000.00

[For purchase and installation of fireproof curtains for auditoriums at Central and Dunbar High Schools, including necessary structural alterations in buildings] (*same acts*)		100,000.00
Fireproof curtains for auditoriums: Expenditures, 1928, $100,000.		
[For maintenance and repair of school playgrounds] (*same acts*)		5,500.00
For *purchase, installation, and maintenance of* equipment [grading and improving additional] *for* school yards for purposes of play of pupils [$4,000] *$10,000*: *Provided*, That such playgrounds shall be kept open for play purposes in accordance with the schedule maintained for playgrounds under the jurisdiction of the playground department (*same acts*)	10,000.00	4,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Equipment and installation	$5,500.00	$5,500.00	$4,423.30
Repair of equipment	4,500.00	4,000.00	4,000.00
Unexpended balance			876.70
Total	10,000.00	9,500.00	9,300.00

[For repair, replacement, and extension of equipment, furniture, and furnishings, including pianos, to adapt for use as junior high schools, the old Eastern High School, $5,500; the Jefferson School, $6,000; and the Powell School, $6,000; in all] (*same acts*)		17,500.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Old Eastern High School		$5,500.00	$7,997.17
Jefferson Junior High School		6,000.00	7,997.26
Powell Junior High School		6,000.00	5,959.91
Unobligated balance			45.66
Total		17,500.00	22,000.00

Total, public schools, excluding buildings and grounds	9,677,630.00	9,203,765.00
Buildings and Grounds, Public Schools, District of Columbia—		
[For the completion of the Garnet-Patterson Junior High School]		275,000.00
Construction of Garnet-Patterson Junior High School: Expenditures—1928, $275,000; 1927, $200,000.		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Buildings and Grounds, Public Schools, District of Columbia— Continued.		
[For the completion of the construction of the Gordon Junior High School in Georgetown]		$275,000.00
Construction of Gordon Junior High School: Expenditures—1928, $275,000; 1927, $200,000.		
[For completion of the construction of the addition to the Langley Junior High School, $375,000, and the authority to enter into contract or contracts for this addition contained in the District of Columbia appropriation act for the fiscal year 1927 is hereby increased by $75,000]		375,000.00
Construction of addition to Langley Junior High School: Expenditures—1928, $375,000; 1927, $100,000.		
[For the erection of a four-room extensible building in Potomac Heights]		85,000.00
Construction of a four-room extensible building in Potomac Heights: Expenditures, 1928, $85,000.		
[For the construction of an eight-room addition, including a combination gymnasium and assembly hall, to the Barnard School, located at Fifth and Decatur Streets northwest, including the necessary remodeling of the present building]		175,000.00
Construction of an eight-room addition to the Barnard School: Expenditures—1928, $175,000.		
[For the preparation of plans and specifications for the erection of an extensible junior high-school building in Brightwood, in accordance with the plans of the Macfarland Junior High School, modified as the limits of the site may require]		5,000.00
Plans and specifications for an extensible junior high-school building in Brightwood: Expenditures—1928, $5,000.		
[For the preparation of plans and specifications for the erection of a twenty-four room building, including a combination gymnasium and assembly hall, on a site already purchased at Nineteenth Street and Columbia Road]		12,500.00
Plans and specifications for a twenty-four room building at Nineteenth Street and Columbia Road: Expenditures—1928, $12,500.		
[For the erection of a sixteen-room building, including a combination gymnasium and assembly hall, to replace the present Langdon School building]		275,000.00
Construction of a sixteen-room building to replace the Langdon School building: Expenditures—1928, $275,000.		
[For the preparation of plans and specifications for a combination gymnasium and assembly hall for the Wheatley School]		1,500.00
Plans for a gymnasium and assembly hall at the Wheatley School building: Expenditures—1928, $1,500.		
[For the construction of a six-room addition to the Bryan School, including the necessary remodeling of the present building]		125,000.00
Construction of a six-room addition to the Bryan School building: Expenditures—1928, $125,000.		
[For the preparation of plans and specifications for the construction of an eight-room addition to the Morgan School, including a combination gymnasium and assembly hall, and the necessary remodeling of the present building]		3,000.00
Plans for an eight-room addition to the Morgan School: Expenditures—1928, $3,000.		
[For the construction of an eight-room addition to the Margaret Murray Washington Vocational School, located on O Street, including the necessary remodeling of the present building]		150,000.00
Construction of an eight-room addition to the Margaret Murray Washington Vocational School: Expenditures—1928, $150,000.		
For [continuing] *completing* the construction of the McKinley Technical High School	$250,000.00	1,000,000.00
Construction of the McKinley Technical High School: Expenditures—1929, $250,000; 1928, $1,000,000.		
For erection of an eight-room extensible building, including a combination gymnasium and assembly hall, on a site on Grant Road now owned by the District of Columbia (acts June 20, 1926, vol. 34, pp. 316–321, secs. 1–13; Feb. 26, 1925, vol. 43, pp. 986–994; Mar. 2, 1927, vol. 44, p. 1315)	175,000.00	
Construction of an eight-room extensible building on a site on Grant Road: Expenditures—1929, $175,000.		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Buildings and Grounds, Public Schools, District of Columbia—Continued.		
For the preporation of plans and specifications for a combination gymnasium and assembly hall at the John Eaton School (acts June 20, 1926, vol. 34, pp. 316–321, secs. 1–13; Feb. 26, 1925, vol. 43, pp. 986 994; Mar. 2, 1927, vol. 44, p. 1315)	$1, 500. 00	
Plans and specifications for gymnasium-assembly hall at Eaton School. Expenditures 1929, $1,500.		
For erection of the E. A. Paul Junior High School building in Brightwood, in accordance with the plans of the Macfarland Junior High School, modified as the limits of the site may require, $250,000, and the commissioners are authorized to enter into contract or contracts as in this act provided for such building, at a cost not to exceed $500,000 (same acts)	250, 000. 00	
Commencing construction of the Paul Junior High School: Expenditures 1929, $250,000.		
For erection of an eight-room extensible building, including a combination gymnasium and assembly hall, on a site now owned by the District of Columbia at Fourteenth and Upshur Streets, including the moving of the residence of the superintendent of the Tuberculosis Hospital (same acts)	185, 000. 00	

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Construction of eight-room building at Fourteenth and Upshur Streets	$175, 000		
Moving residence of superintendent of Tuberculosis Hospital	10, 000		
Total	185, 000		

For preparation of plans and specifications for an eight-room extensible building including a combination gymnasium and assembly hall, on the site purchased for that purpose at Fourteenth Street and Kalmia Road (same acts)	5, 000. 00	
Plans and specifications for a building at Fourteenth Street and Kalmia Road: Expenditures—1929, $5,000.		
For construction of a combination gymnasium and assembly hall at the Takoma School (same acts)	60, 000. 00	
Construction of a gymnasium-assembly hall at the Takoma School: Expenditures—1929, $60,000.		
For construction of an eight-room addition, including a combination gymnasium and assembly hall, to the Raymond School, including the necessary remodeling of the present building (same acts)	185, 000. 00	
Construction of an addition to the Raymond School: Expenditures—1929, $185,000.		
For erection of an elementary school building, including a combination gymnasium and assembly hall, on a site already purchased at Nineteenth Street and Columbia Road, to replace the Force, Adams, and Morgan Schools, $250,000, and the commissioners are authorized to enter into contract or contracts as in this act provided, for such building at a cost not to exceed $500,000 (same acts)	250, 000. 00	
Construction of a building at Nineteenth Street and Columbia Road: Expenditures—1929, $250,000.		
For preparation of plans and specifications for the erection of an extensible junior high-school building on a site to be purchased for that purpose in the vicinity of Brookland and Woodridge, in accordance with the plans of the Macfarland Junior High School modified as the limits of the site may require (same acts)	8, 500. 00	
Plans and specifications for a junior high-school building in the vicinity of Brookland and Woodridge: Expenditures—1929, $8,500.		
Not to exceed $60,000 of the unexpended balances in the appropriations for the construction of combined gymnasiums and assembly halls at the Petworth School and the West School are hereby made available for the construction of a combined gymnasium and assembly hall at the Wheatley School in accordance with the original plans for the construction of said building (same acts).		
For preparation of plans and specifications for a combination gymnasium and assembly hall at the Buchanan School (same acts)	1, 500. 00	
Plans and specifications for gymnasium-assembly hall at the Buchanan School: Expenditures—1929, $1,500.		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Buildings and Grounds, Public Schools, District of Columbia—Continued.		
For construction of an eight-room addition to the Morgan School, including a combination gymnasium and assembly hall, and the necessary remodeling of the present building (acts June 20, 1926, vol. 34, pp. 316–321, secs. 1–13; Feb. 26, 1925, vol. 43, pp. 986–994; Mar. 2, 1927, vol. 44, p. 1315)	$157,000.00	
Construction of addition to the Morgan School: Expenditures—1929, $157,000.		
For construction of a ten-room addition, including gymnasium and lunch room at the Francis Junior High School, and the necessary remodeling of the present building (same acts)	250,000.00	
Construction of addition to the Francis Junior High School: Expenditures—1929, $250,000.		
For construction of an eight-room addition to the Burrville School, including a combination gymnasium and assembly hall and the necessary remodeling of the present building (acts June 20, 1906, vol. 34, pp. 316–321, secs. 1–13; Feb. 26, 1925, vol. 43, pp. 926–994; Mar. 2, 1927, vol. 44, p. 1316)	180,000.00	
Construction of an eight-room addition to Burrville School: Expenditures—1929, $180,000.		
The appropriation of $80,000 for a third-story addition to the Amidon School contained in the District of Columbia appropriation act for the fiscal year 1927 is hereby made available for the construction of a four-room addition to the S. J. Bowen School.		
For construction of an eight-room extensible building, including a combination gymnasium and assembly hall, to commence the replacement of the old Bell School and the Cardozo School (same acts)	175,000.00	
Construction of building to commence the replacement of the old Bell School and the Cardozo School: Expenditures—1929, $175,000.		
For proper grading, seeding, and sodding; for the construction of roads, walks, and steps; for seating; for running track, base ball diamond, tennis courts, and other athletic facilities; for fencing and other necessary work to fit up for athletic purposes the ground purchased as a joint site for the Langley Junior High School and the McKinley High School (same acts)	250,000.00	
Improvement of grounds at the McKinley Technical High School: Expenditures—1929, $250,000.		
In all, [$2,757,000] *$2,383,500,* [of which $50,000 shall be immediately available for the preparation of plans,] to be disbursed and accounted for as "Buildings and grounds, public schools," and for that purpose shall constitute one fund, and remain available until expended [and of such sum $300,000 shall be charged to the special fund created by the act entitled "An act making an adjustment of certain accounts between the United States and the District of Columbia," approved February 2, 1925]: *Provided,* That no part of this appropriation shall be used for or on account of any school building not herein specified (*same acts*).		
None of the money appropriated by this act shall be paid or obligated toward the construction of or addition to any building the whole and entire construction of which, exclusive of heating, lighting, plumbing, painting, and treatment of grounds, shall not have been awarded in one or a single contract, separate and apart from any other contract, project, or undertaking, to the lowest responsible bidder complying with all the legal requirements as to a deposit of money or the execution of a bond, or both, for the faithful performance of the contract: *Provided,* That nothing herein shall be construed as repealing existing law giving the commissioners the right to reject all bids (*act Mar. 2, 1927, vol. 44, p. 1315*).		
For the purchase of school building and playground sites, as follows:		
[For the purchase of land in the vicinity of the Langdon School, to provide for the erection of a new sixteen-room school building to replace the present Langdon School;		
For the purchase of land adjoining or in the vicinity of the site on Grant Road now owned by the District of Columbia;		
For the purchase of land in the vicinity of the Peabody School for playground purposes;		
For the purchase of land in the vicinity of the Wormley School for playground purposes;]		
For the purchase of land for a new health school for colored pupils, to be located on a site to be selected by the Board of Education and the Commissioners of the District of Columbia;		
For the purchase of land in the vicinity of the old Bell School and the Cardozo School, to provide for the erection of a new building to replace the present old Bell School and the Cardozo School;		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Buildings and Grounds, Public Schools, District of Columbia—Continued.		
For the purchase of school building and playground sites, as follows—Con.		
In all, [$37,250] *$95,000*, to remain available until June 30, [1929] *1930: Provided*, That no part of this appropriation shall be expended for the purchase of any site the cost of which shall exceed the full value assessment of such property last made before purchase therof plus 25 per centum of such assessed value: *Provided further*, That if any of the sites above enumerated can not be purchased under said limitation as to price then any portion of this appropriation remaining unexpended or unobligated by reason of such price limitation may be expended, subject to said limitation as to price, in the purchase of any other land authorized to be acquired in the five-year school building program act, approved February 26, 1925 (Forty-third Statutes, page 986)[: *Provided further*, That $154,000 of the appropriation contained in the District of Columbia apropriation act for the fiscal year 1927 for the purchase of school building and playground sites shall be available until December 31, 1927, without limitation as to price based on assessed value] (*acts June 20, 1906, vol. 34, pp. 316–321, secs. 1–13; Feb. 26, 1925, vol. 43, pp. 986–994; Mar. 2, 1927, vol. 44, p. 1316*)	$95,000.00	$37,250.00
Sites for buildings and grounds: Expenditures—1929, $95,000; 1928, $37,250; 1927, $703,500.		
[The sum of $125,000 contained in the District of Columbia appropriation act for the fiscal year 1925 for an athletic field for the Western High School shall remain available until June 30, 1928, without limitation as to price based on assessed value.]		
The plans and specifications for all buildings provided for in this act under appropriations administered by the Commissioners of the District of Columbia shall be prepared under the supervision of the municipal architect, and those for school buildings after consultation with the Board of Education, and shall be approved by the commissioners and shall be constructed in conformity thereto (*act Mar. 2, 1927, vol. 44, p. 1316*).		
The school buildings authorized and appropriated for herein shall be constructed with all doors intended to be used as exits or entrances opening outward, and each of said buildings having in excess of eight rooms shall have at least four exits. Appropriations carried in this act shall not be used for the maintenance of school in any building unless all outside doors thereto used as exits or entrances shall open outward and be kept unlocked every school day from one-half hour before until one-half hour after school hours (*same act*).		
Total, buildings and grounds, public schools	2,478,500.00	2,794,250.00
Total, public schools, District of Columbia	12,156,130.00	11,998,015.00
Metropolitan Police, District of Columbia—		
Salaries: For the pay and allowances of officers and members of the Metropolitan police force, in accordance with the act entitled "An act to fix the salaries of the Metropolitan police force, the United States park police force, and the fire department of the District of Columbia," including compensation at the rate of $1,860 per annum for the present assistant property clerk of the police department (*acts May 27, 1924, vol. 43, p. 174; Mar. 2, 1927, vol. 44, pp. 1316–1317*)	2,820,000.00	2,742,520.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average—		*Average*—		*Average*—	
Salaries:	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Major and superintendent	1	$5,200	1	$5,200	1	$5,200
Assistant superintendent	2	3,500	2	3,500	3	3,500
Inspector (assigned to command of detective bureau with rank of assistant superintendent)					1	3,500
Inspector	5	3,250	5	3,250	3	3,250
Captain	14	3,000	14	3,000	13	3,000
Lieutenants (one of whom shall be harbor master)	21	2,700	21	2,700	21	2,700
Lieutenant (assigned as assistant to assistant superintendent commanding detective bureau with rank of captain)	1	3,000	1	3,000	1	3,000
Sergeant	56	{2,400 / 1,800}	56	{2,400 / 1,800}	56	{2,400 / 1,800}
Private of classes 1, 2, and 3	1,210	{1,900 / 2,100}	1,185	{1,900 / 2,100}	1,185	{1,900 / 2,100}
Assistant property clerk	1	1,860	1	1,860	1	1,860
Total, personnel	1,311		1,286		1,285	
Total, salaries		2,780,050.00		2,683,670.00		2,637,934.30

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Metropolitan Police, District of Columbia—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Salaries—Continued.	*Average—*		*Average—*		*Average—*	
Additional compensation for privates detailed for special service in the detection and prevention of crime at $600 each	*No.* 50	*Salary* $30,000	*No.* 50	*Salary* $30,000	*No.* 40	*Salary* $24,000
Additional compensation for privates detailed for special service in the various precincts for the detection and prevention of crime at $240 each	15	3,600	15	3,600	14	3,360
Allowance for inspectors mounted on motor vehicles at $480 each	2	960	2	960	2	960
Allowance for captains, lieutenants, sergeants, and privates mounted on horses at $450 each	25	11,250	25	11,250	25	11,250
Allowance for lieutenants, sergeants, and privates mounted on bicycles at $70 each	32	2,240	32	2,240	32	2,240
Additional compensation for members of the police force detailed to motor-cycle service at $120 each	90	10,800	90	10,800	75	9,000
Unobligated balance						2,688,744.30 31,825.70
		2,838,900.00		2,742,520.00		2,720,570.00
Less salary lapses		18,900.00				31,825.70
01 Total		2,820,000.00		2,742,520.00		2,688,744.30

For personal services in accordance with the classification act of 1923 (*act Mar. 2, 1927, vol. 44, pp. 1316–1317*) — $76,640.00 — $74,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Salaries:						
Clerical, administrative, and fiscal service—	*Average—*		*Average—*		*Average—*	
Grade 10, $3,300 to $3,900; average, $3,600—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Junior adminstrative officer	1	$3,600	1	$3,600	0.9	$2,921
Grade 5, $1,860 to $2,400; average, $2,100—						
Head stenographer	1	2,200	1	2,200	1	2,133
Senior clerk-stenographer	3	1,927	3	1,927	2.4	1,902
Grade 4, $1,680 to $2,040; average, $1,680—						
Principal stenographer					0.9	1,540
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerks	2	1,560	2	1,560	2	1,520
Junior clerk-stenographer	1	1,320	1	1,320	1	1,398
Junior operator, office devices	9	1,389	9	1,389	8.9	1,380
Grade 1, $1,140 to $1,500; average, $1,320—						
Junior clerk-typist	1	1,140	1	1,140	1	1,280
Custodial service—						
Grade 5, $1,320 to $1,680; average, $1,500—						
Junior mechanic	1	1,500	1	1,500	1	1,440
Grade 4, $1,140 to $1,500; average, $1,320—						
Senior guard	6	1,200	6	1,200	6	1,200
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger	1	1,200	1	1,200	1	1,160
Senior laborer	20	1,077	20	1,077	19.9	1,057
Special grade, $2,100 to $2,700; average, $2,400—						
Police and fire surgeon	6	2,150	6	2,150	6	2,150
Total average number of employees	52		52		51.8	
Total salaries		74,000.00		74,000.00		72,349.40
Unobligated balance						2,390.60
NEW POSITIONS RECOMMENDED						
Clerical, administrative, and fiscal service—						
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk-typist	2	1,320				
Total average number of employees	54		52		51.8	
01 Total personal services		76,640.00		74,000.00		74,740.00
The difference between 1929 and 1928 is due to new positions, $2,640.						

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Metropolitan Police, District of Columbia—Continued.		
Miscellaneous: For fuel (*act Mar. 2, 1927, vol. 44, pp. 1316–1317*)	$8,500.00	$8,500.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
333 tons white ash stove coal	$4,230.60	$4,000.00	$4,230.60
75 tons white ash furnace coal	991.50	1,750.00	997.62
50 tons white ash egg coal	661.00	1,400.00	610.70
300 tons bituminous coal	2,354.75	1,000.00	2,354.74
15 cords wood, pine	262.15	350.00	154.80
			8,328.46
Unobligated balance			171.54
Total	8,500.00	8,500.00	8,500.00

For repairs and improvements to police stations and station grounds (*same act*)	9,500.00	9,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Labor	$5,750	$7,000	$5,255
Material	3,750	2,000	3,745
Total	9,500	9,000	9,000

For miscellaneous and contingent expenses, including rewards for fugitives, purchase of modern revolvers and other firearms, maintenance of card system, stationery, city directories, books of reference, periodicals, telegraphing, telephoning, photographs, printing, binding, gas, ice, washing, meals for prisoners, not to exceed $200 for car tickets, furniture and repairs thereto, beds and bed clothing, insignia of office, motor cycles, police equipments and repairs to same, repairs to vehicles, van, patrol wagons, and saddles, mounted equipment, flags and halyards, storage of stolen or abandoned property, and expenses incurred in prevention and detection of crime, and other necessary expense, $60,000; of which amount a sum not exceeding $2,000 may be expended by the major and superintendent of police for prevention and detection of crime, under his certificate, approved by the commissioners, and every such certificate shall be deemed a sufficient voucher for the sum therein expressed to have been expended: *Provided*, That the War Department may, in its discretion, furnish the commissioners, for use of the police, upon requisition, such worn mounted equipment as may be required (*same act*)	60,000.00	60,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Composing machine (linotype), repairs and spare parts	$200.00	$200.00	$157.62
Furniture, blankets, linens, etc	4,000.00	5,000.00	2,739.16
Gas and electricity	9,000.00	9,000.00	8,242.84
Laundry	1,000.00	1,000.00	720.69
Meals for prisoners	11,000.00	8,000.00	10,631.08
Miscellaneous (adding machines, awnings, badges, brooms, buckets, batons, brushes, directories, hose, newspapers, ice, kerosene, lamps, photo supplies, rewards, rent of telephones, removal of ashes, safes, screens, soaps, storage, typewriters, telephoning, hand grenades, window shades, lanterns, linoleums, flags and halyards, etc.)	15,200.00	15,200.00	18,768.92
Prevention and detection of crime	8,000.00	8,000.00	7,300.26
Printers' supplies	600.00	600.00	664.30
Printing, blank forms, etc	4,000.00	5,000.00	3,955.78
Repairs to furniture and equipment	2,000.00	2,000.00	1,949.98
Repairs to speedometers	300.00		
Revolvers, cartridges, holsters, and machine-gun equipment	1,700.00	3,000.00	920.80
Stationery	3,000.00	3,000.00	2,751.06
			58,802.49
Unobligated balance			1,197.51
Total	60,000.00	60,000.00	60,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Metropolitan Police, District of Columbia—Continued.		
For purchase and maintenance of motor vehicles and the replacement of those worn out in the service and condemned (*act Mar. 2, 1927, vol. 44, pp. 1316–1317*)	$60,000.00	$55,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Casing and tubes	$9,000.00	$9,000.00	$2,603.08
Gasoline, oils, lubricants	17,000.00	16,000.00	15,196.49
Miscellaneous (bulbs, chains, jacks, paints, polish, soaps, sponges, tools, waste, etc.)	2,000.00	2,000.00	349.05
Automobiles, patrol wagons, motor cycles, repairs, spare parts, and replacements	32,000.00	28,000.00	31,042.58
			49,191.20
Unobligated balance			808.80
Total	60,000.00	55,000.00	50,000.00

Uniforms: For furnishing uniforms and other official equipment prescribed by department regulations as necessary and requisite in the performance of duty to officers and members of the Metropolitan police (*acts May 25, 1926, vol. 44, p. 635; Mar. 2, 1927, vol. 44, pp. 1316–1317*)	70,000.00	75,000.00
Uniforms and official equipment for present force: Expenditures—1929, $70,000; 1928, $75,000; 1927, $82,907.60.		
[For additional cells in the seventh police precinct station house] (*act Mar. 2, 1927, vol. 44, pp. 1316–1317*)		5,000.00
Additional cells, seventh precinct: Expenditures, 1928, $5,000.		
[For one police patrol speed boat, $6,000, and one heavy-duty Diesel-engine police boat, $20,000; in all] (*same act*)		26,000.00
For additional amount for heavy-duty Diesel-engine police boat, to be immediately available	10,000.00	

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Police patrol boat, heavy duty	$10,000	$20,000	
Police patrol boat, light service		6,000	
Total		26,000	

For a garage for the fourteenth police precinct station (submitted)	8,000.00	
Garage for the fourteenth police precinct station: Expenditures, 1929, $8,000.		
For the erection of a building to be known as the fifteenth police precinct station house, including garage, on land owned by the District of Columbia described as parcel 175/20 in square 5087	52,000.00	
Building and garage: Expenditures, 1929, $52,000.		
For the installation of a steam-heating plant for the ninth precinct station house (submitted)	3,000.00	
Installation of a steam-heating plant: Expenditures, 1929, $3,000.		
House of Detention: For maintenance of a suitable place for the reception and detention of children under seventeen years of age and, in the discretion of the commissioners, of girls and women over seventeen years of age, arrested by the police on charge of offense against any laws in force in the District of Columbia, or held as witnesses or held pending final investigation or examination, or otherwise, including transportation, the purchase and maintenance of necessary motor vehicles, clinic supplies, food, upkeep and repair of building, fuel, gas, ice, laundry, supplies, and equipment, electricity, and other necessary expenses, [$16,800] *$14,000* for personal services in accordance with the classification act of 1923, [$14,940] *$15,540*; in all (*act Mar. 2, 1927, vol. 44, pt. 2, pp. 1316–1317*)	29,540.00	31,740.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Ravised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Metropolitan Police, District of Columbia—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Salaries:						
Clerical, administrative, and fiscal service—	*Average—*		*Average—*		*Average—*	
Grade 3, $1,500 to $1,860; average, $1,680—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Assistant clerk	1	$1,860	1	$1,800	1	$1,700
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	1	1,320	1	1,320	1	1,280
Custodial service—						
Grade 7, $1,680 to $2,040; average $1,860 (less $300 quarters and subsistence)—						
Assistant chief guard	1	1,560	1	1,560	1	1,442
Grade 5, $1,320 to $1,680; average, $1,500 (less $300 quarters and subsistence)—						
Principal guard	4	1,170	4	1,170	3.9	1,129
Grade 4, $1,140 to $1,500; average, $1,320 (less $300 quarters and subsistence)—						
Junior domestic attendant	2	1,020	2	1,020	2	980
Grade 3, $1,020 to $1,260; average, $1,140—						
Minor mechanic	2	1,140	2	1,110	1.3	1,102
Underdomestic attendant (less $300 quarters and subsistence)	1	840	1	840	1	726
Total average number of employees	12		12		11.1	
Total salaries		14,520.00		14,460.00		13,003.13
Unobligated balauce						1,816.87
NEW POSITIONS RECOMMENDED						
Custodial service—						
Grade 5, $1,320 to $1,680; average, $1,500 (less $300 quarters and subsistence)—						
Principal guards	1	1,020				
Total average number of employees	13		12		11.3	
01 Total salaries		15,540.00		14,460.00		14,820.00
The difference between 1929 and 1928 is due to—						
Increases in salaries	$60					
New positions	1,020					
Total increase	1,080					
Automobiles, purchase, repairs, and maintenance		1,000.00		1,000.00		734.48
Food and groceries		6,950.00		5,500.00		6,505.48
Fuel		600.00		2,000.00		2,754.99
Furniture, furnishings, linens		600.00		1,000.00		569.44
Gas and electricity		1,200.00		1,400.00		1,158.58
Miscellaneous (awnings, blankets, brooms, brushes, clothiug, disinfectants, dry goods, ice, rent, removal of ashes, soaps, shoes, tools, telephones, etc.)		3,400.00		1,900.00		3,393.15
Playground equipment				100.00		
Repairs to buildings, grounds, fixtures installed, including painting of exterior of building, etc		500.00		3,000.00		1,580.68
Clinic supplies and upkeep		50.00		200.00		
Repairs to elevator and dumb-waiter				150.00		
Laundry machinery and repairs		100.00		50.00		
Replacing linen, clothing, shoes, etc		100.00		500.00		
						31,516.80
Unobligated balance						103.20
Total		29,540.00		31,260.00		31,620.00

Harbor patrol: For fuel, construction, maintenance, repairs, and incidentals (*act Mar. 2, 1927, vol. 44, pp. 1316–1317*) ..... $2,000.00 | $2,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Gasoline, oils, and lubricants	$1,500.00	$1,500.00	$515.96
Machinery, furniture, and repairs	200.00	200.00	2,005.53
Miscellaneous (brooms, electricity, laundry, polish, soaps, tools, awnings, buckets, etc.)	300.00	300.00	96.49
			3,117.98
Reserve			175.00
Unobligated balance			207.02
Total	2,000.00	2,000.00	3,500.00

Total, Metropolitan police, District of Columbia ..... 3,209,180.00 | 3,088,760.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Policemen and Firemen's Relief Fund—		
To pay the relief and other allowances as authorized by law, a sum not to exceed [$590,000] *$650,000* is appropriated from the policemen and firemen's relief fund.		
Fire Department, District of Columbia—		
Salaries: For the pay of officers and members of the fire department, in accordance with the act entitled "An act to fix the salaries of officers and members of the Metropolitan police force, the United States park police force, and the fire department of the District of Columbia" (*acts May 27, 1924, vol. 43, p. 175; Mar. 2, 1927, vol. 44, p. 1318*)	$1, 895, 000. 00	$1, 825, 000. 00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average—		*Average*—		*Average*—	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Chief engineer	1	$5, 200	1	$5, 200	1	$5, 200
Deputy chief engineer	2	3, 500	2	3, 500	2	3, 500
Battalion chief engineer	14	3, 250	14	3, 250	11	3, 250
Fire marshal	1	3, 250	1	3, 250	1	3, 250
Deputy fire marshal	1	2, 500	1	2, 500	1	2, 500
Inspector	7	2, 160	4	2, 160	4	2, 160
Captain	46	2, 500	45	2, 500	48	2, 500
Lieutenant	52	2, 350	51	2, 350	51	2, 350
Sergeant	56	2, 200	55	2, 200	55	2, 200
Superintendent of machinery	1	3, 250	1	3, 250	1	3, 250
Assistant superintendent of machinery	1	2, 500	1	2, 500	1	2, 500
Pilot	2	2, 250	2	2, 250	2	2, 250
Marine engineer	2	2, 250	2	2, 250	2	2, 250
Assistant marine engineer	2	2, 150	2	2, 150	2	2, 150
Marine fireman	2	1, 800	2	1, 800	2	1, 800
Private of classes 1, 2, and 3	694	1, 800 1, 900 2, 100	679	1, 800 1, 900 2, 100	679	1, 800 1, 900 2, 100
Total average number of employees	884		863		863	
Total salaries		1, 904, 643. 00		1, 825, 000. 00		1, 813, 332. 67
Less salary lapses		9, 643. 00				12, 097. 33
01 Total personal services		1, 895, 000. 00		1, 825, 000. 00		1, 801, 235. 34

For persoual services in accordance with the classification act of 1923 (*acts June 20, 1906, vol. 34, p. 314; Jan. 24, 1920, vol. 41, p. 397; Mar. 2, 1927, vol. 44, p. 1318*) 9, 040. 00 7, 080. 00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Salaries:						
Clerical, administrative, and fiscal service—	*Average*—		*Average*—		*Average*—	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 9, $3,000 to $3,600; average, $3,300—						
Senior administrative assistant (chief clerk)	1	$3, 400	1	$3, 300	1	$3, 300
Grade 5, $1,860 to $2,400; average, $2,100—						
Head stenographer	2	1, 980	1	2, 100	1	2, 100
Grade 3, $1,500 to $1,800; average, $1,680—						
Assistant clerk-stenographer	1	1, 680	1	1, 680	1	1, 680
Total average number of employees	4		3		3	
01 Total salaries		9, 040		7, 080		7, 080
The difference between 1929 and 1928 is due to—						
Increase in salary	$100					
New position	1, 860					
Total increase	1, 960					

Miscellaneous: For repairs and improvements to [engine houses] *buildings* and grounds (*same acts*) 25, 000. 00 25, 000. 00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Fire Department, District of Columbia—Continued.

	Per diem			Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	1929	1928	1927			
Wages::				*Number*	*Number*	*Number*
Foreman mechanic	$8.00	$8.00	$8.00	10	10	10
Plumber	7.04	7.04	7.04	6	6	6
Sheet-metal worker	7.04	7.04	7.04	8	8	8
Sheet-metal worker	6.88	6.88	6.88	1	1	1
Painter	7.04	7.04	7.04	19	19	19
Painter	6.88	6.88	6.88	14	14	14
Painter	6.40	6.40	6.40	6	6	6
Painter	6.24	6.24	6.24	4	4	4
Painter	5.60	5.60	5.60	2	2	2
Carpenter	7.04	7.04	7.04	31	31	31
Carpenter	6.88	6.88	6.88	4	4	4
Carpenter	6.40	6.40	6.40	6	6	6
Carpenter	6.32	6.32	6.32	2	2	2
Carpenter	6.24	6.24	6.24	1	1	1
Carpenter	5.60	5.60	5.60	5	5	5
Bricklayer	7.04	7.04	7.04	2	2	2
Plasterer	8.00	8.00	8.00	1	1	1
Plasterer	7.04	7.04	7.04	1	1	1
Steam fitter	7.04	7.04	7.04	3	3	3
Steam fitter	6.08	6.08	6.08	2	2	2
Steam fitter	5.60	5.60	5.60	1	1	1
Electrician	7.04	7.04	7.04	4	4	4
Electrician	6.40	6.40	6.40	2	2	2
Electrician	6.24	6.24	6.24	2	2	2
Electrician	5.68	5.68	5.68	5	5	5
Electrician	5.44	5.44	5.44	1	1	1
Electrician	4.96	4.96	4.96	3	3	3
Electrician	4.56	4.56	4.56	1	1	1
Cement worker	5.60	5.60	5.60	2	2	2
Paver	5.44	5.44	5.44	1	1	1
Paver	5.20	5.20	5.20	1	1	1
Paver	4.80	4.80	4.80	1	1	1
Machinist	6.32	6.32	6.32	1	1	1
Horseshoer and blacksmith	6.32	6.32	6.32	1	1	1
Yard foreman	5.04	5.04	5.04	1	1	1
Storekeeper	5.36	5.36	5.36	1	1	1
Stable boss	4.88	4.88	4.88	1	1	1
Auto truck driver	4.40	4.40	4.40	2	2	2
Auto driver	3.60	3.60	3.60	11	11	11
Trade helper	4.88	4.88	4.88	6	6	6
Skilled laborer	4.48	4.48	4.48	6	6	6
Skilled laborer	4.40	4.40	4.40	7	7	7
Skilled laborer	4.32	4.32	4.32	9	9	9
Skilled laborer	4.00	4.00	4.00	9	9	9
Laborer	3.76	3.76	3.76	11	11	11
Laborer	3.60	3.60	3.60	70	65	65
Watchman	3.20	3.20	3.20	2	2	2
Personal services				$18,250.00	$18,000.00	18,313.58
General objects of expenditure:						
Carpentering material				2,800.00	2,900.00	2,949.05
Tinning material				700.00	700.00	678.08
Heating material				50.00	50.00	35.63
Plumbing material				300.00	300.00	273.07
Painting material				1,000.00	1,000.00	1,024.04
Glazing material				100.00	100.00	72.88
Steam-fitting material				400.00	400.00	295.18
Grading material				500.00	550.00	315.70
Gas engines and electrical work				900.00	1,000.00	3,843.87
						27,801.08
Unobligated balance						198.92
Total				25,000.00	25,000.00	28,000.00

Uniforms: For furnishing uniforms and other official equipment prescribed by department regulations as necessary and requisite in the performance of duty to officers and members of the fire department (*acts May 25, 1926, vol. 44, p. 635; Mar. 2, 1927, vol. 44, p. 1318*) $30,975.00 $30,125.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Uniforms and official equipment for—			
Present force	$29,400.00	$30,125.00	$61,398.86
Increase in personnel recommended in these estimates (21 men at $75 each)	1,575.00		
Unobligated balance			601.14
Total	30,975.00	30,125.00	62,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Fire Department, District of Columbia—Continued.		
For repairs to apparatus, [and] motor vehicles and other motor-driven apparatus, *fire boat*, and for new apparatus, new motor vehicles, new appliances, employment of mechanics, helpers, and laborers in the fire department repair shop, and for the purchase of necessary supplies, materials, equipment, and tools, [$50,000] *$51,000*; *Provided*, That the commissioners are authorized, in their discretion, to build or construct, in whole or in part, fire-fighting apparatus in the fire department repair shop (*acts June 20, 1906, vol. 34, p. 314; Mar. 2, 1927, vol. 44, p. 1318*)	$51,000.00	$50,000.00

	Per diem 1929	Per diem 1928	Per diem 1927	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Wages:				*Number*	*Number*	*Number*
Machinist foreman	$7.48	$7.48	$7.48	1	1	1
Machinist	7.04	7.04	7.04	3	3	3
Auto mechanic	7.04	7.04	7.04	2	2	2
Blacksmith	7.04	7.04	7.04	1	1	1
Coach painter	7.04	7.04	7.04	1	1	1
Woodworker	7.04	7.04	------	1	1	------
Laborer	4.00	4.00	4.00	1	1	1
Personal services				$21,221.40	$21,221.40	$18,584.59
General objects of expenditure:						
Repairs to fireboat				1,000.00	1,000.00	2,355.45
Repair parts				25,478.60	22,777.35	23,424.42
New apparatus and appliances				2,300.00	3,101.25	3,003.81
Shop supplies, tools, and equipment				1,000.00	2,900.00	2,561.99
Unobligated balance				------	------	369.74
Total				51,000.00	51,000.00	50,300.00

[For repair and improvement of fire boat] (*same acts*)		1,000.00
For hose (*same acts*)	4,500.00	21,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Hose, 2½-inch	$2,500.00	$20,000.00	$21,024.80
Hose, chemical	1,250.00	500.00	41.16
Hose, suction	750.00	500.00	200.80
Miscellaneous, washers, etc	------	------	365.37
	------	------	21,632.13
Unobligated balance	------	------	367.87
Total	4,500.00	21,000.00	22,000.00

For fuel (*same acts*)	30,000.00	30,000.00

For coal, wood, fuel oil, and gasoline: Expenditures—1929, $30,000; 1928, $30,000; 1927, $26,338.51.

For contingent expenses, furniture, fixtures, oil, blacksmithing, gas and electric lighting, flags and halyards, and other necessary items (*same acts*)	30,000.00	30,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Furniture, fixtures, household goods	$8,385	$7,700	$6,724
Oils and lubricants	1,900	1,900	1,833
Gas and electric lighting	9,640	9,400	9,325
Laundry	4,000	3,900	3,905
Ice	1,275	1,275	1,204
Medical and other supplies	4,000	3,725	3,725
Repairs to electric lighting and other equipment	800	800	1,292
Lockers	------	------	1,492
Gasoline tanks	------	1,300	------
	------	------	29,500
Unobligated balance	------	------	500
Total	30,000	30,000	30,000

Permanent improvements: For [two] *one* aerial hook and ladder [trucks] *truck*, motor driven, [at $15,500 each] (*same acts*)	15,500.00	31,000.00

Aerial hook and ladder trucks, motor driven:
Expenditures—1929, (1) $15,500; 1928, (2) $27,245; 1927, (1) $15,425.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Fire Department, District of Columbia—Continued.		
For [three] *one* pumping engine[s], triple combination, motor driven, [$11,000 each] (*acts June 20, 1906, vol. 34, p. 314; Mar. 2, 1927, vol. 44, p. 1318*)	$11,000.00	$33,000.00
Pumping engine, triple combination, motor driven: Expenditures—1929, $11,000; 1928, (3) $33,000; 1927, (3) $33,000.		
For [two] *one* [combination hose wagons] *rescue-squad wagon*, motor driven [at $8,000 each] (*same acts*)	12,000.00	16,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Combination hose wagons, motor driven		2 $16,000	3 $24,000
Rescue-squad wagon, motor driven	$12,000		

For two automobiles, at $2,000 each (*same acts*)	4,000.00	4,000.00
Automobiles: Expenditures—1929, (2) $4,000; 1928, (2) $3,990.		
[For an additional amount for house, site, and so forth, for an engine company to be located in the vicinity of Sixteenth Street and Piney Branch Road northwest, $15,657, to be expended under the same limitation as the appropriation of $92,525 for such purposes in the District of Columbia appropriation act for the fiscal year 1927]		15,657.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Site		$28,200	
House		74,457	
Fire-alarm system		2,800	
Furniture and furnishings		2,725	
Total		108,182	

[For one drill tower and equipment to be located on land owned by the District of Columbia adjacent to number 8 engine house, $20,000]		20,000.00
Drill tower and equipment: Expenditures—1928, $20,000.		
For a site for an engine company to be located in the vicinity of Connecticut and Nebraska Avenues, northwest, $12,000: Provided, That no part of this appropriation shall be expended for the purchase of any site the cost of which shall exceed the full value assessment of such property last made before purchase thereof plus 25 per centum of such assessed value	12,000.00	
Purchase of land: Expenditures—1929, $12,000.		
Total, fire department, District of Columbia	2,130,015.00	2,138,862.00
Health Department, District of Columbia—		
Salaries: For personal services in accordance with the classification act of 1923 (*act Mar. 2, 1927, vol. 44, p. 1318*)	158,700.00	156,740.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Salaries:						
Professional service—	*Average*—		*Average*—		*Average*—	
Grade 6, $6,000 to $7,500—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Chief medical officer (health officer)	1	$6,000	1	$6,000	1	$6,000
Grade 4, $3,800 to $5,000; average, $4,400—						
Medical officer (assistant health officer)	1	3,800	1	3,800	1	3,800
Medical officer (chief, bureau of preventable diseases and director of bacteriological laboratory)	1	3,800	1	3,800	1	3,800
Scientist (chemist)	1	3,800	1	3,800	1	3,800
Assistant medical officer (chief food inspector)	1	3,800	1	3,800		
Grade 3, $3,000 to $3,800; average, $3,300—						
Associate scientist (serologist)	1	3,000	1	3,000	1	3,000
Assistant medical officer (chief food inspector)					1	3,000
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant scientist (assistant chemist)	1	2,400	1	2,400	1	2,400
Assistant veterinarian (food inspector)	9	2,400	9	2,400	9	2,400

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Health Department, District of Columbia—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average—		*Average*—		*Average*—	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salaries—Continued.						
Subprofessional service—						
Grade 8, $2,400 to $3,000; average, $2,700—						
Chief scientific aid (chief sanitary inspector)	1	$2,400	1	$2,400	1	$2,400
Grade 7, $2,100 to $2,700; average, $2,400—						
Principal scientific aid (food inspector)	1	2,100	1	2,100	1	2,100
Grade 6, $1,860 to $2,400; average, $2,100—						
Senior scientific aid (assistant chief sanitary inspector)	1	1,860	1	1,860	1	1,860
Senior scientific aid (assistant bacteriologist)	2	1,860	2	1,860	2	1,860
Grade 5, $1,680 to $2,040; average, $1,860—						
Scientific aid (sanitary inspector, food inspector, and eight-hour labor law inspector)	9	1,724	35	1,680	34	1,680
Scientific aid (sanitary inspector, food inspector, and eight-hour labor law inspector)	26	1,680				
Grade 3, $1,320 to $1,680; average, $1,500—						
Junior laboratory aid (laboratory aid)	1	1,320	1	1,320	1	1,320
Grade 2, $1,140 to $1,500; average, $1,320—						
Under scientific helper (laboratory aid)	1	1,200	1	1,140	1	1,140
Clerical, administrative, and fiscal service—						
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant (chief clerk and deputy health officer)	1	2,800	1	2,800	1	2,800
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk (chief, bureau of vital statistics)	1	2,100	1	2,100	1	2,100
Grade 5, $1,860 to $2,400; average, $2,100—						
Senior clerk (assistant chief food inspector)	1	1,860	1	1,860	1	1,860
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	1	1,860	1	1,860	1	1,860
Principal stenographer	1	1,740	1	1,680	1	1,680
Grade 3, $1,500 to $1,860; average, $1,680—						
Senior stenographer	1	1,560	1	1,500	1	1,500
Assistant clerk	1	1,500	1	1,500	1	1,500
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk-typist	1	1,500	1	1,440	1	1,440
Junior clerk-typist	1	1,380	9	1,320	9	1,320
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk-typist	8	1,320				
Underclerk-typist	1	1,140	1	1,140	1	1,140
Custodial service—						
Grade 8, $1,860 to $2,400; average, $2,100—						
Chief guard (poundmaster)	1	1,860	1	1,860	1	1,860
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger	2	1,020	2	1,020	2	1,020
Minor mechanic (chauffeur)	2	1,020	2	1,020	2	1,020
Guard (watchman)	1	1,020	1	1,020	1	1,020
Grade 2, $900 to $1,140; average, $1,020—						
Junior laborer (poundman)	2	1,020	2	1,020	2	1,020
Junior laborer (poundman)	1	960	2	900	2	900
Junior laborer (poundman)	1	900				
Total average number of employees	86		86		85	
Total salaries		158,700.00		156,740.00		150,558.20
The difference between 1929 and 1928 is due to—						
Reallocation increase	$1,380					
Increase in salaries	580					
Total increase	1,960					

Prevention of contagious diseases: For contingent expenses incident to the enforcement of the provisions of an act to prevent the spread of contagious diseases in the District of Columbia, approved March 3, 1897, and an act for the prevention of scarlet fever, diphtheria, measles, whooping cough, chicken pox, epidemic cerebrospinal meningitis, and typhoid fever in the District of Columbia, approved February 9, 1907, and an act to provide for registration of all cases of tuberculosis in the District of Columbia, for free examination of sputum in suspected cases, and for preventing the spread of tuberculosis in said District of Columbia, approved May 13, 1908, under the direction of the health officer of said District, manufacture of serums, including their use in indigent cases, and for the prevention of infantile paralysis and other communicable diseases, and of an act for the prevention of venereal diseases in the District of Columbia, and for other purposes, approved February 26, 1925, including salaries or compensation for personal services, when ordered in writing by the commissioners and necessary for the enforcement and execution of said acts, and for the prevention of such other communicable diseases as hereinbefore provided, purchase and maintenance of necessary horses, wagons, and harness, purchase of reference books and medical journals, and maintenance of quarantine station and smallpox hospital [$40,000] *$43,000*: *Provided*, That any bacteriologist employed under this appropriation may be assigned by the health officer to the bacteriological examination of milk and other dairy products and of the water supplies of dairy farms, and to such other sanitary work as in the judgment of the health officer will promote the public health, whether such examinations be or be not directly related to contagious diseases (*act Mar. 2, 1927, vol. 44, p. 1319*) ..... $43,000.00 | $40,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Health Department, District of Columbia—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Salaries:						
Professional and scientific service—	*Average*—		*Average*—		*Average*—	
Grade 4, $3,800 to $5,000; average, $4,400—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Bacteriologist	1	$4,000	1	$3,800	1	$3,800
Grade 2, $2,400 to $3,000; average, $2,700—						
Medical inspector	2	2,600	2	2,400	2	2,400
Subprofessional service—						
Grade 5, $1,680 to $2,040; average, $1,860—						
Inspector nurse	2	1,800	2	1,680	2	1,680
Grade 4, $1,500 to $1,860; average, $1,680—						
Matron nurse	2	1,620	2	1,500	2	1,500
Janitor nurse	2	1,620	2	1,500	2	1,500
Grade 3, $1,320 to $1,680; average, $1,500—						
Skilled laborer (scientific helper)	1	1,500	1	1,320	1	1,320
Clerical, administrative, and fiscal service:						
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	1	1,800	1	1,680	1	1,680
Grade 2, $1,320 to $1,680; average, $1,500—						
Clerk	1	1,500	1	1,440	1	1,440
	1	1,500	1	1,320	1	1,320
Custodial service—						
Grade 4, $1,140 to $1,500; average, $1,320—						
Ambulance driver	1	1,440	1	1,440	1	1,440
Ambulance driver	1	1,320	1	1,260	1	1,260
Grade 3, $1,020 to $1,260; average, $1,140—						
Stableman	1	1,140	1	1,080	1	1,080
Total average number of employees	16		16		16	
Total salaries		29,480		27,500		26,595
Temporary services:						
Medical inspector, at $2,400 per annum		[1] 2		[1] 2		2
Medical inspector, at $1,860 per annum		[2] 1		[2] 1		1
Nurse, at $2,400 per annum		[3] 1		[3] 1		1
Inspector-nurse, at $1,680 per annum		[3] 1		[3] 1		1
Clerk, at $1,140 per annum				1		
Skilled laborer, at $2.50 per diem		2		[3] 2		[3] 2
Total number of employees on temporary basis		7		8		7
Total salaries		$5,650.00		$7,935.00		$5,055.33
01 Total personal services		35,130.00		35,435.00		31,650.33
Other objects of expenditure:						
Replacement of boiler, smallpox hospital		3,000.00				
Blanks, record books, journals, printing and stationery		1,000.00		850.00		1,021.08
Apparatus, drugs, thermometers, vaccine points, serums, etc		1,000.00		1,000.00		1,892.10
Ice and fuel		1,000.00		1,000.00		1,762.77
Electricity and gas		150.00		150.00		205.02
Repairs to buildings		300.00		300.00		455.18
Forage, horseshoeing, barness, repairs, etc		100.00		100.00		175.29
Food for institutions, and quarantined houses		1,000.00		1,000.00		1,350.85
Miscellaneous, office equipment, etc		320.00		165.00		567.01
						39,079.63
Unobligated balance						920.37
Total		43,000.00		40,000.00		40,000.00

[1] Full time. [2] Half time. [3] Part time.

[For construction of brick garage for the smallpox hospital ambulance, $900] (*act Mar. 2, 1927, vol. 44, p. 1319*) $900.00

Construction of garage: Expenditures—1928, $900.

For isolating wards for minor contagious diseases at Garfield Memorial and Providence Hospitals, maintenance, $15,000 and $8,000, respectively, or so much thereof as in the opinion of the commissioners may be necessary; in all (*same act*) $23,000.00 23,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Garfield Hospital	$15,000.00	$15,000.00	$13,431.10
Providence Hospital	8,000.00	8,000.00	8,000.00
			21,431.10
Unobligated balance			1,568.90
Total	23,000.00	23,000.00	23,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Health Department, District of Columbia—Continued. For the maintenance of a dispensary or dispensaries for the treatment of indigent persons suffering from tuberculosis and of indigent persons suffering from venereal diseases, including payment for personal services, supplies, and contingent expenses, $20,000: *Provided*, That the commissioners may accept such volunteer services as they deem expedient in connection with the establishment and maintenance of the dispensaries herein authorized: *Provided further*, That this shall not be construed to authorize the expenditure or the payment of any money on account of any such volunteer service (*act Mar. 2, 1927, vol. 44, p. 1319*)	$20,000.00	$20,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Salaries:						
Subprofessional service—	*Average*—		*Average*—		*Average*—	
Grade 5, $1,680 to $2,040; average, $1,860—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Nurse	2	$1,860	2	$1,860	4	$1,680
Nurse	2	1,800	2	1,800		
Social worker	2	1,680	2	1,680		
Custodial—						
Grade 3, $1,020 to $1,260; average, $1,140—						
Caretaker	1	[1] 960	1	[1] 960	1	[1] 960
Grade 2, $900 to $1,140; average, $1,020—						
Caretaker	1	[1] 840	1	[1] 840	1	[1] 840
Total average number of employees	8		8		6	
Total salaries		12,480		12,480		8,520
Salaries on per diem basis:						
Tuberculosis clinic—						
Director, volunteer.						
Attending physician, per month, $30	1	360	1	360	1	360
Attending physician, do, 25	1	300	1	300	1	300
Röntgenologist, do, 50	1	600	1	600	1	600
Laryngologist, do, 30	1	360	1	360	1	360
Venereal disease clinic—						
Director, do, 50	1	600	1	600	1	600
Attending physician, do, 30	3	360	3	360	3	360
Total number of employees on per diem basis	8		8		8	
Salaries		3,300.00		3,300.00		3,195.29
	16		16		14	
01 Total personal services		15,780.00		15,780.00		11,715.29
Other objects of expenditure:						
Equipment, apparatus, X-ray plates, medicines, drugs, chemicals, glassware		1,700.00		1,700.00		1,637.82
Fuel and removal of ashes		700.00		700.00		596.25
Gas and electricity		500.00		500.00		329.84
Rent, repairs to building, plumbing, etc		200.00		200.00		126.30
Laundry, ice, and supplies		300.00		300.00		164.37
Miscellaneous		820.00		820.00		349.05
						14,918.92
Unobligated balance						81.08
Total		20,000.00		20,000.00		15,000.00

[1] Allowance for lodging.

For maintenance of disinfecting service, including salaries or compensation for personal services when ordered in writing by the commissioners and necessary for maintenance of said service, and for purchase and maintenance of necessary horses, wagons, and harness, and contingent expenses, [and including not to exceed $350 to provide sewer connections for the disinfecting station, $6,000] *$5,500 (same act)* 5,500.00 6,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Salaries:						
Custodial service—	*Average*—		*Average*—		*Average*—	
Grade 4, $1,140 to $1,500; average, $1,320—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Disinfector	1	$1,320	1	$1,320	1	$1,320
Disinfector	1	1,140	1	1,140	1	1,140
Total average number of employees	2		2		2	
Total salaries		2,460.00		2,460.00		2,460.00
Temporary service: Laborer		540.00		540.00		591.07
01 Total personal services		3,000.00		3,000.00		3,051.07
Other objects of expenditure:						
Forage, horseshoeing, repairs to wagons, harness, etc		1,000.00		1,200.00		1,151.94
Disinfectants, gummed paper, etc		1,000.00		1,000.00		1,020.03
Repairs to buildings, miscellaneous, etc		250.00		250.00		233.19
Fuel		250.00		200.00		138.64
Sewer connections				350.00		
						5,594.87
Unobligated balance						405.13
Total		5,500.00		6,000.00		6,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Health Department, District of Columbia—Continued.		
For enforcement of the provisions of an act to provide for the drainage of lots in the District of Columbia, approved May 19, 1896, and an act to provide for the abatement of nuisances in the District of Columbia by the commissioners, and for other purposes, approved April 14, 1906 (*act. Mar. 2, 1927, vol. 44, p. 1319*)	$3,000.00	$2,000.00
Connecting premises with public sewer, water main, under the assessment system; removing refuse from vacant lots; advertising, etc.: Expenditures—1929, $3,000; 1928, $2,000; 1927, $1,828.33.		
For special services in connection with the detection of the adulteration of drugs and of foods, including candy and milk (*same act*)	100.00	100.00
Personal services: Inspector, at $2.50 per diem: Expenditures—1929, $100; 1928, $100; 1927, $192.50.		
Hygiene and sanitation, public schools: Salaries: For personal services in accordance with the classification act of 1923, [$65,800] *$66,460*: *Provided*, That the person employed in the capacity of chief medical and sanitary inspector shall, under the direction of the health officer of the District of Columbia, give his whole time from nine o'clock antemeridian to four-thirty o'clock postmeridian to, and exercise the direction and control of the medical inspection and sanitary conditions of the public schools of the District of Columbia: *Provided further*, That of the persons employed as medical inspectors one shall be a woman, four shall be dentists, and four shall be of the colored race, and that of the graduate nurses employed as public-school nurses three shall be of the colored race (*act Mar. 2, 1927, vol. 44, p. 1320*)	66,460.00	65,800.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Salaries:						
Professional service—						
Grade 4, $3,800 to $5,000—	*Average—*		*Average—*		*Average—*	
Senior medical officer (chief medical and sanitary inspector of schools)	*No.* 1	*Salary* $4,200	*No.* 1	*Salary* $4,200	*No.* 1	*Salary* $4,200
Special class—						
Medical officers—						
Medical inspector of schools	3	1,740	7	1,740		
Medical inspector of schools	4	1,740	5	1,680	12	1,680
Medical inspector of schools	5	1,680				
Dental officers—						
Dental inspector of schools	1	1,440	4	1,380	4	1,380
Dental inspector of schools	3	1,380				
Subprofessional service—						
Grade 5, $1,680 to $2,040; average, $1,860—						
Nurse	4	1,860	5	1,800	5	1,800
Nurse	3	1,800	5	1,740	5	1,740
Nurse	2	1,740				
Nurse	1	1,680				
Grade 3, $1,320 to $1,680; average, $1,500—						
Dental hygienist—						
Dental operator	1	1,620	4	1,560	4	1,560
Dental operator	3	1,560	4	1,500	4	1,500
Dental operator	4	1,500				
Dental prophylactic operator	1	1,500	1	1,440	1	1,440
Dental prophylactic operator	2	1,440	2	1,380	2	1,380
Dental prophylactic operator	1	1,360	1	1,320	1	1,320
Total average number of employees	39		39		39	
01 Total salaries		66,460.00		65,800.00		65,550.63
Unobligated balance						249.37
Total		66,460.00		65,800.00		65,800.00

The difference between 1929 and 1928 is due to increase in salary, $660.

For the maintenance of free dental clinics in the public schools (*same act*)	1,000.00	1,000.00
Dental supplies, equipment, etc.: Expenditures—1929, $1,000; 1928, $1,000; 1927, $995.28.		
Laboratories: For maintenance of laboratories, including reference books and periodicals, apparatus, equipment, and necessary contingent and miscellaneous expenses [and including not to exceed $500 for ice machine] (*same act*)	2,500.00	3,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Health Department, District of Columbia—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Journals, books, binding, printing, blanks	$200.00	$200.00	$109.00
Chemicals, etc	550.00	600.00	503.76
Instruments, bottles, glassware, apparatus and repairs to same	1,350.00	1,400.00	1,372.23
Ice and gas	100.00	100.00	235.79
Miscellaneous	300.00	371.00	234.15
Ice machine		329.00	
			2,454.93
Unobligated balance			45.07
Total	2,500.00	3,000.00	3,000.00

Dairy farm inspection: For necessary expenses of inspection of dairy farms, including necessary traveling expenses (*act Mar. 2, 1927, vol. 44, p. 1320*) $5,000.00 $5,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Travel, dairy farm inspector, medical inspector, et al	$2,800.00	$2,800.00	$1,878.22
Purchase of mileage books	1,000.00	1,000.00	960.00
Purchase of car tokens	1,200.00	1,200.00	1,780.00
			4,618.22
Unobligated balance			381.78
Total	5,000.00	5,000.00	5,000.00

For contingent expenses incident to the enforcement of an act relating to the adulteration of foods and drugs in the District of Columbia, approved February 17, 1898; an act to prevent the adulteration of candy in the District of Columbia, approved May 5, 1898; an act for preventing the manufacture, sale, or transportation of adulterated or misbranded or poisonous or deleterious foods, drugs, medicines, and liquors, and for regulating traffic therein, and for other purposes, approved June 30, 1906, and an act to regulate within the District of Columbia the sale of milk, cream, and ice cream, and for other purposes, approved February 27, 1925 (*same act*) 1,000.00 1,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Food and drugs for analysis	$150.00	$150.00	$158.55
Printing, blanks, stationery	700.00	700.00	695.70
Miscellaneous, thermometers, telephone, telegrams, etc	150.00	150.00	131.11
			985.36
Unobligated balance			14.64
Total	1,000.00	1,000.00	1,000.00

For maintenance, including personal services, of the public crematory (*same act*) 2,500.00 2,500.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Salaries:			
Custodial service—	*Average*—	*Average*—	*Average*—
Grade 6, $1,500 to $1,860; average, $1,680—	*No.* *Salary*	*No.* *Salary*	*No.* *Salary*
Superintendent	1 $1,620	1 $1,620	1 $1,560
Kerosene	380.00	380.00	158.75
Gas and electricity	100.00	100.00	74.01
Repairs to buildings	300.00	300.00	49.10
Incidentals, miscellaneous, etc	100.00	100.00	40.63
			1,882.49
Unobligated balance			617.51
Total	2,500.00	2,500.00	2,500.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Health Department, District of Columbia—Continued.		
For maintenance and operation of motor ambulances and motor [vehicle used in the pound service, $1,750] *vehicles, including not to exceed $750 for the purchase of one nonpassenger-carrying motor vehicle (act Mar. 2, 1927, vol. 44, p. 1320)*	$2,500.00	$1,750.09

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Gasoline, tires, repairs, etc	$1,750.00	$1,750.00	$1,497.55
Purchase of motor truck	750.00		
Total	2,500.00	1,750.00	1,497.55

[For exchange of motor vehicle for use in the pound service] *(same act)*	800.00

Exchange of motor vehicle: Expenditures, 1928, $800.

For maintaining a child-hygiene service, including the establishment and maintenance of child-welfare stations for the clinical examinations, advice, care, and maintenance of children under six years of age, payment for personal services, rent, fuel, periodicals, and supplies, $45,000: *Provided*, That the commissioners may accept such volunteer services as they may deem expedient in connection with the establishment and maintenance of the service herein authorized: *Provided further*, That this shall not be construed to authorize the expenditure or the payment of any money on account of any such volunteer service *(same act)*	45,000.00	45,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Salaries:						
Professional service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 2, $2,400 to $3,000; average, $2,700—						
Director	1	$2,800	1	$2,600	1	$2,400
Subprofessional service—						
Grade 6, $1,860 to $2,400; average, $2,111.42—						
Chief nurse	1	1,920	1	1,860		
Grade 5, $1,680 to $2,040; average, $1,860—						
Nurse	2	1,860	2	1,800	10	1,680
Nurse	8	1,800	8	1,740		
Nurse	1	1,740	1	1,680		
Grade 4, $1,500 to $1,860; average, $1,680—						
Nurse	1	1,620	1	1,560	1	1,560
Custodial service—						
Grade 2, $900 to $1,140; average, $1,020—						
Charwoman	10	376	10	376	9	376
Physician	13	360	13	360	9	360
Total average number of employees	37		37		30	
01 Total salaries		34,640.00		33,660.00		25,654.97
Other objects of expenditure:						
Rents		5,563.00		5,563.00		3,550.50
Ice, gas, electricity, telephone		500.00		500.00		339.34
Furniture, repairs to same, etc		1,000.00		1,300.00		778.96
Fuel		400.00		400.00		275.24
Transportation		400.00		400.00		220.00
Blanks, bottles, soaps, medicine, drugs, and miscellaneous		2,497.00		3,177.00		1,695.51
						32,514.52
Unobligated balance						485.48
Total		45,000.00		45,000.00		33,000.00

Total, Health Department, District of Columbia	379,260.00	374,590.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
COURTS AND PRISONS		
Juvenile Court, District of Columbia—		
Salaries: For personal services in accordance with the classification act of 1923 (*act Mar. 2, 1927, vol. 44, p. 1320*)	$55,600.00	$50,500.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average—		*Average*—		*Average*—	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salaries:						
Professional and scientific services—						
Grade 5, $5,200 to $6,000; average, $5,600—						
Senior attorney (judge)	1	$5,600	1	$5,600	1	$5,500
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate educationist (clerk of court)	1	3,300	1	3,300	1	3,250
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant educationist (chief probation officer; assistant chief probation officer)	2	2,600	2	2,600	2	2,550
Grade 1, $1,860 to $2,400; average, $2,100—						
Junior educationist (investigating officer for juvenile work)	1	2,000	1	2,000	1	1,960
Subprofessional service—						
Grade 5, $1,680 to $2,040; average, $1,860—						
Educational assistant (probation officer)	11	1,745	11	1,740	11	1,713
Clerical, administrative, and fiscal service—						
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk (record and information clerk)	1	1,740	1	1,680	1	1,680
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk (deputy clerk, Juvenile Court)	1	1,740	1	1,740	1	1,740
Assistant clerk (financial clerk, Juvenile Court)	1	1,680	1	1,620	1	1,590
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	1	1,440	1	1,380	1	1,365
Junior stenographer	2	1,380	2	1,380	2	1,350
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk-typist	3	1,140	3	1,140	3	1,170
Underclerk (bailiff)	1	1,200	1	1,200	1	1,200
Custodial service—						
Grade 3, $1,020 to $1,260; average, $1,140—						
Senior laborer (janitor)	1	1,080	1	1,080	1	1,020
Grade 2, $376—						
Underdomestic attendant (charwoman)	1	376	1	376	1	376
NEW POSITIONS RECOMMENDED						
Professional and scientific service—						
Grade 1, $1,860 to $2,400; average, $2,100—						
Junior educationist (investigating officers for juvenile work)	2	1,860				
Clerical, administrative, and fiscal service—						
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk (bailiff)	1	1,140				
Total average number of employees	31		28		28	
01 Total salaries		55,600		50,500		49,856
The difference between 1929 and 1928 is due to—						
New positions	$4,860					
Increase in salaries	240					
Total increase	5,100					

Miscellaneous: For compensation of jurors (*same act*) — 2,000.00 — 2,500.00

Compensation of jurors: Expenditures—1929, $2,090; 1928, $2,500; 1927, $1,832.

For fuel, ice, gas, laundry work, stationery, printing, books of reference, periodicals, typewriters and repairs thereto, binding and rebinding, preservation of records, mops, brooms, and buckets, removal of ashes and refuse, telephone service, traveling expenses, meals of jurors and prisoners, repairs to courthouse and grounds, furniture, fixtures, and equipment, and other incidental expenses not otherwise provided for (*same act*) — 5,000.00 — 4,700.00

The disbursing officer of the District of Columbia is authorized to advance to the chief probation officer of the juvenile court upon requisition previously approved by the judge of the juvenile court and the auditor of the District of Columbia sums of money not to exceed $50 at any one time, to be expended for transportation and traveling expenses to secure the return of absconding probationers, and to be accounted for monthly on itemized vouchers to the accounting officer of the District of Columbia (*same act*).

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Juvenile Court, District of Columbia—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Fuel	$2,000.00	$2,000.00	$2,000.00
Stationery and printing	900.00	700.00	595.66
Car tickets	800.00	700.00	546.33
Telephones	140.00	125.00	118.45
Traveling expenses	200.00	200.00	115.93
Meals of jurors	150.00	150.00	84.17
Furniture	100.00	100.00	99.76
Fixtures	50.00	50.00	284.25
Repairs to courthouse	200.00	200.00	336.94
Miscellaneous	460.00	475.00	485.41
Total	5,000.00	4,700.00	4,666.90

Total, juvenile court, District of Columbia	$62,600.00	$57,700.00

Police Court, District of Columbia—

Salaries: For personal services in accordance with the classification act of 1923, including $300 additional for presiding judge (*acts Mar. 3, 1891, vol. 26, p. 848, sec. 6; Mar. 2, 1927, vol. 44, p. 1321*) — 89,000.00 — 86,820.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Salaries:						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
Grade 5, $5,200 to $6,000; average, $5,600—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Senior attorney—						
Presiding judge	1	$5,600	1	$5,600	1	$5,600
Associate judge	3	5,600	3	5,600	3	5,600
Subprofessional service—						
Grade 7, $2,100 to $2,700; average, $2,400—						
Principal social service worker (chief probation officer)	1	2,200	1	2,100	1	2,012
Grade 5, $1,680 to $2,040; average, $1,860—						
Social service worker	3	1,800	3	1,740	3	1,680
Clerical, administrative, and fiscal service—						
Grade 10, $3,300 to $3,900; average, $3,600—						
Junior administrative officer (clerk of court)	1	3,600	1	3,600	1	3,600
Grade 8, $2,700 to $3,300; average, $3,000—						
Administrative assistant (chief deputy clerk)	1	2,700	1	2,700	0.7	2,700
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant (chief deputy clerk)					0.3	2,400
Grade 5, $1,860 to $2,400, average, $2,130—						
Senior clerk	2	1,890	2	1,890	1.8	1,876
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	9	1,783	9	1,746	7.5	1,697
Grade 3, $1,500 to $1,860; avarage, $1,680—						
Assistant clerk	3	1,560	2.5	1,512	4.5	1,523
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	1	1,380	1	1,320	9.2	1,211
Bailiff	10	1,350	10	1,320		
Grade 1, $1,140 to $1,500; average $1,320—						
Underclerk	1	1,320	1	1,230	1.1	1,231
Custodial service—						
Grade 6, $1,500 to $1,860; average, $1,680—						
Mechanic (engineer of building)	1	1,680	1	1,620	1	1,620
Grade 5, $1,320 to $1,680; average, $1,500—						
Junior mechanic (assistant engineer)	1.8	1,367	1.8	1,367	2.8	1,323
Principal guard	1	1,320	1	1,320		
Grade 4, $1,140 to $1,500; average, $1,320—						
Senior guard					2.1	1,250
Grade 3, $1,020 to $1,260; average, $1,140—						
Senior laborer	2	1,140	2	1,110	2	1,080
Underdomestic attendant	1	1,110	1	1,080	1	1,020
Grade 2, $900 to $1,140; average, $1,020—						
Junior laborer	3	926	3	926	3	926
Total average number of employees	46		45.3		46	
Total salaries		88,700		86,520		84,270
Plus $300 additional for presiding judge		300		300		300
01 Total personal services		89,000		86,820		84,570
The difference between 1929 and 1928 is due to—						
Increase in salary	$680					
New position	1,500					
Total increase	2,180					

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Police Court, District of Columbia—Continued.		
For printing, law books, books of reference, directories, periodicals, stationery, binding, and rebinding; preservation of records, typewriters and repairs thereto, fuel, ice, gas, electric lights and power, telephone service, laundry work, removal of ashes and rubbish, mops, brooms, buckets, dusters, sponges, painter's and plumber's supplies, toilet articles, medicines, soap and disinfectants, lodging and meals for jurors and bailiffs when ordered by the court, United States flags and halyards, and all other necessary and incidental expenses of every kind not otherwise provided for (*acts Mar. 3, 1891, vol. 26, p. 848, sec. 6; Mar. 2, 1927, vol. 44, p. 1321*)	$9,500.00	$9,500.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Printing, stationery, and office supplies	$2,000.00	$2,000.00	$3,335.54
Law books and books of reference	275.00	276.00	297.50
Fuel	1,200.00	1,200.00	909.10
Ice	200.00	200.00	190.96
Gas, electric light, and power	1,627.00	1,627.00	1,602.37
Phone	650.00	650.00	676.62
Supplies cleaners	115.00	115.00	114.97
Miscellaneous	600.00	600.00	668.48
Lodging, meals of jurors and bailiffs	200.00	200.00	130.00
Furniture	500.00	500.00	592.51
Furnishings, miscellaneous, repairs, etc	2,133.00	2,132.00	307.00
Total	9,500.00	9,500.00	8,825.05

For witness fees (*same acts*)	1,500.00	2,000.00
Witness fees, at 75 cents each—Expenditures: 1929, $1,500; 1928, $2,000; 1927, $1,300.		
For compensation of jurors (*same acts*)	40,000.00	27,000.00
Per diem certificates, at $4 each: Expenditures—1929, $40,000; 1928, $27,000; 1927, $16,984.		
For repairs and alterations to building (*same acts*)	2,500.00	2,500.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Carpentering	$500.00	$500.00	$310.50
Plumbing	175.00	175.00	184.03
Painting and glazing	800.00	800.00	667.85
Steamfitting, heating, and ironwork	600.00	600.00	638.09
Electrical work	150.00	150.00	7.39
Tinning	175.00	175.00	273.95
Miscellaneous	100.00	100.00	6.85
Total	2,500.00	2,500.00	2,088.66

Total, Police Court, District of Columbia	142,500.00	127,820.00
Municipal Court, District of Columbia—		
Salaries: For personal services in accordance with the classification act of 1923, including $300 additional for presiding judge (*acts Feb. 17, 1909, vol. 36, p. 622, sec. 1; Mar. 2, 1927, vol. 44, p. 1321*)	58,736.00	55,436.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Salaries:						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
Grade 5, $5,200 to $6,000; average, $5,600—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Judge	5	$5,000	5	$5,600	5	$5,400
Clerical, administrative, and fiscal service—						
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant (clerk of court)	1	2,700	1	2,700	1	2,600
Grade 4, $1,680 to $2,040; average, $1,860—						
Enrolling clerk	4	1,845	4	1,830	4	1,860
Jury clerk	1	1,920	1	1,920	1	1,860
Grade 3, $1,500 to $1,860; average, $1,680—						
Financial clerk	1	1,860	1	1,860	1	1,860
Stenographer and typist	1	1,620	1	1,560	1	1,740
Assistant clerk	5	1,656	5	1,656	5	1,536
Grade 1, $1,140 to $1,500; average, $1,320—						
Clerk and messenger	1	1,200	1	1,140	1	1,200

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Municipal Court, District of Columbia—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Salaries—Continued.						
Custodial service—	*Average—*		*Average—*		*Average—*	
Grade 3, $1,020 to $1,260; average, $1,140—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Janitor	1	$1,140	1	$1,080	1	$1,140
Grade 2, $900 to $1,140; average, $1,020—						
Elevator operator	1	960	1	900	1	1,020
Charwoman	1	376	1	376	1	376
Total average number of employees	22		22		22	
Total salaries		55,436		55,136		53,916
Additional compensation for presiding judge		300		300		300
NEW POSITIONS RECOMMENDED						
Clerical, administrative, and fiscal service—						
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk (filing clerk)	1	1,680				
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	1	1,320				
Total number of employees	24		22		22	
01 Total salaries		58,736		55,436		54,216
The difference between 1929 and 1928 is due to—						
New positions	$3,000					
Increase in salaries	300					
Total increase	3,300					

For compensation of jurors, [$6,500] *$6,000*: *Provided*, That deposits made on demands for jury trials in accordance with rules prescribed by the court under authority granted in section 11 of the act approved March 3, 1921 (Forty-first Statutes, page 1312), shall be earned unless, prior to three days before the time set for such trials, including Sundays and legal holidays, a new date for trial be set by the court, cases be discontinued or settled, or demands for jury trials be waived (*acts Feb. 17, 1909, vol. 36, p. 622, sec. 1; Mar. 2, 1927, vol. 44, p. 1321*) ..... $6,000.00 | $6,500.00

Compensation of jurors: Expenditures—1929, $6,000; 1928, $6,500; 1927, $5,230.

For rent of building (*same acts*) ..... 4,800.00 | 4,800.00

Rent of building: Expenditures—1929, $4,800; 1928, $4,800; 1927, $4,800.

For contingent expenses, including books, law books, books of reference, fuel, light, telephone, blanks, dockets, lodging and meals for jurors and for deputy United States marshals while in attendance upon jurors, when ordered by the court, fixtures, repairs to furniture, building and building equipment, and all other necessary miscellaneous items and supplies (*same acts*) ..... 5,000.00 | 4,750.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	$5,000.00	$4,750.00	$4,000.00
Laundry, ice, electric current, telephone, etc	825.00	825.00	667.31
Books, stationery, and general office equipment	1,100.00	1,100.00	1,447.12
Printing	500.00	500.00	507.89
Dockets	700.00	700.00	237.25
Janitor's supplies and equipment	275.00	275.00	129.07
Fuel	500.00	500.00	808.71
Miscellaneous	100.00	100.00	21.60
For fixtures	450.00	200.00	334.19
For repairs to furniture	100.00	100.00	63.90
Repairs to building equipment	125.00	125.00	1.48
Repairs to building	200.00	200.00	28.75
Meals for jurors and deputy marshals	125.00	125.00	80.80
Total	5,000.00	4,750.00	4,328.07

Total, municipal court, District of Columbia ..... 74,536.00 | 71,486.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Salaries, Supreme Court, District of Columbia— Salaries: Chief justice, $10,500; five associate justices, at $10,000 each; six stenographers, one for the chief justice and one for each associate justice, [$11,160] *$11,520*; in all (*acts Feb. 9, 1893, vol. 27, p. 436, sec. 14; Feb. 12, 1902, vol. 32, p. 825, sec. 1; July 16, 1914, vol. 38, p. 509, sec. 6; Feb. 25, 1919, vol. 40, p. 1264, sec. 1; May 29, 1926, vol. 44, pp. 677, 678; Dec. 13, 1926, vol. 44, p. 919; Mar. 2, 1927, vol. 44, p. 1321*)	$72,020.00	$71,660.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Salaries:	*Average*—		*Average*—		*Average*—	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $7,500 and over—						
Chief justice	1	$10,500	1	$10,500	1	$9,250
Justice	5	10,000	5	10,000	5	8,750
Salary range, $1,860 to $2,400; average, $2,100—						
Stenographer	6	1,920	6	1,860	6	1,860
Total average number of employees	12		12		12	
01 Total salaries		72,020		71,660		64,160
Deduct liability in excess of appropriation covering unpaid salaries of judges						7,500
Total		72,020		71,660		56,660

The difference between 1929 and 1928 is due to increase in salary, $360.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Fees of Witnesses, Supreme Court, District of Columbia— Fees of witnesses: For mileage and per diem of witnesses and for per diems in lieu of subsistence, and payment of the actual expenses of witnesses in said court as provided by section 850, Revised Statutes of the United States (*acts Apr. 26, 1926, vol. 44, pp. 323, 324; Mar. 2, 1927, vol. 44, p. 1321*)	33,000.00	33,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Fees of witnesses:			
Per diems	$19,000.00	$19,000.00	$16,837.00
Per diems in lieu of subsistence	3,000.00	3,000.00	4,074.00
Mileage	10,000.00	10,000.00	15,054.25
Actual expenses	1,000.00	1,000.00	1,256.32
01 Total personal services	33,000.00	33,000.00	37,221.57
Deduct reimbursement transfer from appropriation for protection of interests of the United States in leases on oil lands in former naval reserves, 1927			6,941.57
			30,280.00
Add unobligated balance of appropriation			2,720.00
Total	33,000.00	33,000.00	33,000.00

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Fees of Jurors, Supreme Court, District of Columbia— Fees of jurors: For mileage and per diems of jurors (*acts Apr. 26, 1926, vol. 44, pp. 323, 324; Mar. 2, 1927, vol. 44, p. 1322*)	82,000.00	85,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Fees of jurors:			
Per diem	$82,000	$85,000	$69,252
Deduct reimbursement transfer from appropriation for protection of interests of the United States in leases on oil lands in former naval reserves, 1927			1,200
			68,052
Add unobligated balance of appropriation			948
Total	82,000	85,000	69,000

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Pay of Bailiffs, etc., Supreme Court, District of Columbia—		
Pay of bailiffs: For not exceeding one crier in each court, of office deputy marshals who act as bailiffs or criers, and for expenses of meals and lodging for jurors in United States cases and of bailiffs in attendance upon same when ordered by the court, clerk to jury commissioners, and per diems of jury commissioners, [$40,580] *$41,660*: *Provided*, That the compensation of each jury commissioner for the fiscal year [1928] *1929* shall not exceed $250 (*acts Feb. 22, 1921, vol. 41, p. 1134, sec. 1; Mar. 2, 1927, vol. 44, p. 1322*)	$41,660.00	$40,580.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Salaries and wages:	*Average*—		*Average*—		*Average*—	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $2,400 to $3,000; average, $2,700—						
Clerk to jury commissioners	1	$2,400	1	$2,400	1	$2,400
Salary range, $1,500 to $1,860; average, $1,680—						
Bailiff	18	1,613	18	1,553	17.9	1,500
Salary range, $1,320 to $1,680; average, $1,500—						
Crier	6	1,490	6	1,490	6	1,440
Total average number of employees	25		25		24.9	
Total salaries and wages		40,368.00		39,294.00		37,890.00
The difference between 1929 and 1928 is due to increase in salaries, $414.						
Per diem of jury commissioners, at $10 each		750.00		750.00		750.00
01 Total personal services		41,118.00		40,044.00		38,640.00
03 Subsistence and support of persons (meals and lodging for jurors)		542.00		536.00		1,296.05
		41,660.00		40,580.00		39,936.05
Deduct reimbursement transfer from appropriation for protection of interests of the United States in leases on oil lands in former naval reserves, 1927						994.00
						38,942.05
Add unobligated balance of appropriation						777.95
Total		41,660.00		40,580.00		39,720.00
The difference between 1929 and 1928 is due to increase in salary, $1,080.						

Probation System, Supreme Court, District of Columbia—		
Probation system: For personal services, [$8,600] *$8,720*; contingent expenses, $500; in all (*act Mar. 2, 1927, vol. 44, p. 1322*)	9,220.00	9,100.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Salaries:	*Average*—		*Average*—		*Average*—	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Probation officer	1	$3,200	1	$3,200	1	$3,100
Assistant probation officer	1	2,100	1	2,100	1	2,100
Assistant probation officer	1	1,800	1	1,740	1	1,740
Stenographer-typewriter and assistant	1	1,620	1	1,560	1	1,500
Total number of employees	4		4		4	
01 Total salaries		8,720.00		8,600.00		8,439.65
The difference between 1929 and 1928 is due to increase in salaries, $120.						
Contingent expenses		500.00		500.00		293.09
		9,220.00		9,100.00		8,732.74

Salaries of Employees, Courthouse, District of Columbia—		
Courthouse: For personal services for care and protection of the courthouse, under the direction of the United States marshal of the District of Columbia, [$28,296] *$29,300*, to be expended under the direction of the Attorney General (*act Mar. 2, 1927, vol. 44, p. 1322*)	29,300.00	28,296.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Salaries of Employes, Courthouse, District of Columbia—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Salaries and wages:	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $1,320 to $1,680; average, $1,500—						
Electrician	1	$1,440	1	$1,440	1	$1,380
Engineer	1	1,560	1	1,560	1	1,500
Salary range, $1,140 to $1,500; average, $1,320—						
Telephone operator	1	1,260	1	1,260	1	1,200
Salary range, $1,020 to $1,260; average, $1,140—						
Watchman	4	1,140	4	1,140	3.9	1,072
Messenger	6	1,140	6	1,140	6	1,080
Salary range, $900 to $1,140; average, $1,080—						
Elevator operator	2	990	2	990	1.9	1,051
Laborer	9	983	8	983	7.7	931
Salary range, $420 to $600; average, $510—						
Attendant	1	540	1	540	1	510
Salary range, $240 to $420; average, $330—						
Charwoman	6	376	6	376	5.9	373
Total average number of employees	31		30		29.4	
01 Total salaries and wages		29,300		28,296		26,616
The difference between 1929 and 1928 is due to—						
Increase in salaries	$104					
1 new laborer	900					
Total increase	1,004					

Repairs and Improvements, Courthouse, District of Columbia—

For repairs and improvements to the courthouse, including repair and maintenance of the mechanical equipment, and for labor and material and every item incident thereto, $2,500 to be expended under the direction of the Architect of the Capitol (*act Mar. 2, 1927, vol. 44, p. 1322*) ..... $2,500.00 | $2,500.00

Repairs to courthouse: Expenditures—1929, $2,500; 1928, $2,500; 1927, $7,500.

Salaries and Expenses, Court of Appeals, District of Columbia—

Salaries: Chief justice and two associate justices, at $12,500 each; all other officers and employees of the court, including reporting service, [$23,610] *$23,710:* necessary expenditures in the conduct of the clerk's office, $950; in all, [$62,060] *$62,160*: *Provided*, That the reports of the court shall not be sold for a price exceeding that approved by the court and for not more than $6.50 per volume (*acts Feb. 9, 1893, vol. 27, p. 434, secs. 1–5; July 30, 1894, vol. 28, p. 160, sec. 103; Feb. 12, 1903, vol. 32, p. 825, sec. 1; Mar. 3, 1925, vol. 43, p. 1240; Dec. 13, 1926, vol. 44, p. 919; Mar. 2, 1927, vol. 44, p. 1322*) ..... 62,160.00 | 62,060.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Salaries and wages:	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $7,500 and over—						
Chief justice	1	$12,500	1	$12,500	1	$10,750
Justice	2	12,500	2	12,500	2	10,500
Salary range, $3,800 to $5,000; average, $4,400—						
Clerk	1	4,600	1	4,600	1	4,600
Salary range, $3,000 to $3,600; average, $3,300—						
Deputy clerk	1	3,000	1	3,000	1	3,000
Salary range, $2,100 to $2,700; average, $2,400—						
Assistant clerk	1	2,200	1	2,200		
Salary range, $1,860 to $2,400; average, $2,100—						
Assistant clerk					1	2,080
Stenographer	3	1,954	3	1,920	3	1,860
Salary range, $1,680 to $2,040; average, $1,860—						
Clerical assistant	1	1,860	1	1,860	1	1,845
Salary range, $1,500 to $1,860; average, $1,680—						
Reporter	1	1,740	1	1,740	1	1,740
Salary range, $1,020 to $1,260; average, $1,140—						
Messenger	4	1,110	4	1,110	3.9	1,078
Balance for personal services unallotted		10		10		
Total average number of employees	15		15		14.9	
01 Total personal services		61,210		61,110		54,799
The difference between 1929 and 1928 is due to increase in salaries, $100.						
Supplies and materials:						
0200 Stationery and office supplies		720.00		720.00		280.32
0260 Sundry supplies		115.00		115.00		550.15
02 Total supplies and materials		835.00		835.00		830.47
05 Communication service (telephone service)		115.00		115.00		112.12
						55,741.59
Deduct excess over appropriation due to increase in judges' salaries						5,541.59
Total		62,160		62,060		50,200.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object		Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Care of Court of Appeals Building, District of Columbia—			
Building: For personal services for care and protection of the Court of Appeals Building, including one mechanician, under the direction of the Architect of the Capitol, $7,020: *Provided,* That the clerk of the court of appeals shall be the custodian of said building, under the direction and supervision of the justices of said court (*acts Feb. 9, 1893, vol. 27, p. 434, secs. 1–5; July 30, 1894, vol. 28, p. 160, sec. 103; Feb. 12, 1903, vol. 32, p. 825, sec. 1; Mar. 3, 1925, vol. 43, p. 1240; Mar. 2, 1927, vol. 44, p. 1322*)	$7,020.00		
For mops, brooms, buckets, disinfectants, removal of refuse, electrical supplies, books, and all other necessary and incidental expenses not otherwise provided for, $780 (*same acts*)	780.00		
		$7,800.00	$7,800.00

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Salaries and wages:	*Average—*		*Average—*		*Average—*	
		No.	*Salary*	*No*	*Salary*	*No.*	*Salary*
	Salary range, $1,500 to $1,860; average, $1,680—						
	Mechanician	1	$1,680	1	$1,680	1	$1,620
	Salary range, $1,020 to $1,260; average, $1,140—						
	Watchman	2	1,140	2	1,140	2	1,080
	Salary range, $900 to $1,140; average, $1,020—						
	Laborer	3	1,020	3	1,020	3	960
	Total average number of employees	6		6		6	
01	Total salaries and wages		7,020		7,020		6,660
02	Sundry supplies		530.00		530.00		457.89
12	Repairs and alterations		200.00		200.00		248.60
13	Special and miscellaneous current expenses		50.00		50.00		61.98
							7,428.47
	Unobligated balance						71.53
	Total		7,800.00		7,800.00		7,500.00

Support of Convicts, District of Columbia—			
Miscellaneous: For support, maintenance, and transportation of convicts transferred from the District of Columbia; expenses of shipping remains of deceased convicts to their homes in the United States, and expenses of interment of unclaimed remains of deceased convicts; expenses incurred in identifying and pursuing escaped convicts and rewards for their recapture; and discharge gratuities provided by law; to be expended under the direction of the Attorney General (*U. S. C., p. 514, sec. 704; acts June 13, 1890, vol. 26, p. 408, sec. 1; Mar. 2, 1927, vol. 44, p. 1322*)		120,000.00	120,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
03	Reimbursement of Federal penitentiaries and payments to State institutions	$104,150.00	$104,150.00	$144,777.10
05	Travel expenses	15,500.00	15,500.00	15,526.19
22	Grants, subsidies, and contributions (gratuities)	350.00	350.00	358.81
				160,662.10
	Deduct obligations in excess of appropriation			10,662.10
	Total	120,000.00	120,000.00	150,000.00

Writs of Lunacy, District of Columbia—		
For expenses attending the execution of writs de lunatico inquirendo and commitments thereunder in all cases of indigent insane persons committed or sought to be committed to Saint Elizabeths Hospital by order of the executive authority of the District of Columbia under the provisions of existing law, and expenses of commitments to the District Training School, including personal services (*acts Mar. 3, 1903, vol. 32, p. 1043, sec. 1; Apr. 27, 1904, vol. 33, p. 316, secs. 1–7; Mar. 2, 1927, vol. 44, p. 1322*)	8,500.00	8,500.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Writs of Lunacy, District of Columbia—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Salaries:			
Professional and scientific service—	*Average—*	*Average—*	*Average—*
Grade 3, $3,000 to $3,600; average, $3,300—	*No.* *Salary*	*No.* *Salary*	*No.* *Salary*
Associate medical officer (alienist)	1 $3,300	1 $3,300	1 $3,300
Clerical, administrative, and fiscal service—			
Grade 2, $1,320 to $1,680; average, $1,500—			
Assistant clerk-stenographer	1 1,380	1 1,320	1 1,268
Total number of employees	2	2	2
01 Total salaries	4,680.00	4,620.00	4,568.29
Court costs	3,000.00	3,000.00	2,465.40
Witness fees	800.00	850.00	952.50
Office supplies	17.00	27.00	7.65
Car tokens	3.00	3.00	3.00
Total	8,500.00	8,500.00	7,996.84
The difference between 1929 and 1928 is due to increase in salaries, $60.			

Miscellaneous Expenses, Supreme Court, District of Columbia—
For such miscellaneous expenses as may be authorized by the Attorney General for the Supreme Court of the District of Columbia and its officers, including the furnishing and collecting of evidence where the United States is or may be a party in interest, and including such expenses other than for personal services as may be authorized by the Attorney General for the Court of Appeals, District of Columbia (*acts Feb. 22, 1921, vol. 41, p. 1134, sec. 1; Mar. 2, 1927, vol. 44, p. 1322*) $35,000.00 $35,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
01 Special and miscellaneous temporary service	$7,000.00	$7,000.00	$6,804.75
Supplies and materials:			
0200 Stationery and office supplies	25.00	25.00	22.63
0280 Sundry supplies	400.00	400.00	389.36
02 Total supplies and materials	425.00	425.00	411.99
05 Telephone service	930.00	930.00	930.91
06 Travel expenses	80.00	80.00	80.00
07 Transportation of things			1.37
08 Stenographic job work	13,065.00	13,065.00	14,112.65
09 Advertising	1,200.00	1,200.00	1,189.42
10 Furnishing heat, light, power, etc	11,000.00	11,000.00	10,722.65
12 Repairs and alterations	500.00	500.00	834.81
13 Special and miscellaneous current expenses	200.00	200.00	254.72
Equipment:			
3010 Furniture, furnishings, and fixtures	500.00	500.00	9,016.58
3050 Other equipment	100.00	100.00	46.50
30 Total equipment	600.00	600.00	9,063.08
			44,406.25
Deduct obligations in excess of appropriation			406.25
Total	35,000.00	35,000.00	44,000.00

Printing and Binding, Supreme Court, District of Columbia—
For printing and binding for the Supreme Court and the Court of Appeals of the District of Columbia, except records and briefs in cases in which the United States is a party (*acts Mar. 3, 1925, vol. 43, p. 1240; Mar. 2, 1927, vol. 44, p. 1322*) 4,500.00 4,500.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
02 Stationery and office supplies	$1,000.00	$1,000.00	$1,050.92
08 Printing and binding	3,500.00	3,500.00	4,844.60
			5,895.52
Deduct obligations in excess of appropriation			1,620.52
Total	4,500.00	4,500.00	4,275.00

Total, courts and prisons 787,296.00 765,002.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
PUBLIC WELFARE		
Salaries, Board of Public Welfare, District of Columbia—		
For personal services in accordance with the classification act of 1923 (*acts Mar. 16, 1926, vol. 44, pp. 208–211; Mar. 2, 1927, vol. 44, p. 1323*)	$93,500.00	$90,460.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Salaries:						
Professional and scientific service—	*Average*—		*Average*—		*Average*—	
Grade 5, $5,200 to $6,000; average, $5,600—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Senior economic analyst (director)	1	$5,600	1	$5,400	1	$5,400
Grade 4, $3,800 to $5,000; average, $4,400—						
Economic analyst (assistant director)	1	3,800	0.8	3,800		
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate economic analyst	1	3,000	0.5	3,000	1	3,100
Associate medical officer	1	3,100	1	3,100	1	3,100
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant economic analyst	3	2,500	3	2,433	3	2,433
Grade 1, $1,860 to $2,400; average, $2,100—						
Junior economic analyst	1	1,920	1	1,920	1	1,920
Subprofessional service—						
Grade 6, $1,860 to $2,400; average, $2,000—						
Senior social-service worker	6	1,860	5.5	1,860	6	1,860
Grade 5, $1,680 to $2,040; average, $1,860—						
Social-service worker	12	1,680	12	1,680	12	1,680
Grade 4, $1,500 to $1,860; average, $1,680—						
Assistant social-service worker	7	1,526	7	1,525	7	1,500
Clerical, administrative, and fiscal service—						
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk-stenographer	2	1,680	2	1,680	2	1,680
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk-stenographer	1	1,620	1	1,620	1	1,620
Senior stenographer	1	1,500	1	1,500	1	1,500
Assistant clerk	1	1,500	1	1,500	1	1,500
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	3	1,380	2	1,350	2	1,350
Junior stenographer	3	1,380	4	1,350	4	1,350
Grade 1, $1,140 to $1,500; average, $1,320—						
Junior typist	2	1,140	2	1,140	2	1,140
Custodial service—						
Grade 5, $1,320 to $1,680; average, $1,500—						
Foreman of laborers	1	1,380	1	1,380	1	1,380
Grade 4, $1,140 to $1,500; average, $1,320—						
Assistant foreman of laborers	3	1,180	3	1,180	3	1,180
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger	1	1,080	1	1,080	1	1,080
Minor mechanic	1	1,080	1	1,080	1	1,080
Grade 2, $900 to $1,140; average, $1,020—						
Subordinate mechanic	1	960	1	960	1	960
Total average number of employees	53		53		52	
01 Total salaries		93,500.00		90,460.00		79,917.84
The difference between 1929 and 1928 is due to—						
Increase in salaries	$610					
Reallocation increases	2,430					
Total increase	3,040					

Division of Child Welfare, District of Columbia—

Administration: For administrative expenses, including placing and visiting children, city directory, purchase of books of reference and periodicals not exceeding $50, and all office and sundry expenses, $5,000; and no part of the moneys herein appropriated shall be used for the purpose of visiting any ward of the Board of Public Welfare placed outside the District of Columbia and the States of Virginia and Maryland, and a ward placed outside said District and the States of Virginia and Maryland shall be visited not less than once a year by a voluntary agent or correspondent of said board, and that said board shall have power, upon proper showing, in its discretion, to discharge from guardianship any child committed to its care (*acts Mar. 16, 1926, vol. 44, pp. 208–211; Mar. 2, 1927, vol. 44, p. 1323*) 5,000.00 5,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Furniture, printing, and stationery	$1,850.00	$1,850.00	$1,791.31
Telephone and telegraph	150.00	150.00	151.02
Travel and transportation	3,000.00	3,000.00	2,989.70
Unobligated balance			67.97
Total	5,000.00	5,000.00	5,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Division of Child Welfare, District of Columbia—Continued.		
[For maintenance of feeble-minded children (white and colored)] (*acts Mar. 16, 1926, vol. 44, pp. 208–211; Mar. 2, 1927, vol. 44, p. 1323*)		$15,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Care of feeble-minded—			
In institutions, at $300, $400, $500, $540, and $600 per month		$7,500.00	$34,198.42
In boarding homes, at $22, $25, $27.50 per month		7,500.00	7,948.44
			42,146.86
Appropriation			37,500.00
Payment by relatives			507.50
Deficiency			4,139.36
Total		15,000.00	42,146.86

For board and care of all children committed to the guardianship of said board by the courts of the District, and for temporary care of children pending investigation or while being transferred from place to place, with authority to pay not more than $1,500 each to institutions under sectarian control and not more than $400 for burial of children dying while under charge of the board (*same acts*)	$160,000.00	140,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Board and care of children:			
In boarding homes	$112,600.00	$98,000.00	$112,151.09
In institutions, nonsectarian	18,000.00	17,500.00	18,393.21
In institutions, sectarian	8,000.00	6,500.00	8,651.27
Clothing	15,000.00	12,500.00	14,722.68
Drugs, dentistry, medical supplies, and attendance	11,000.00	10,100.00	10,566.62
Burial of wards	400.00	400.00	148.00
	165,000.00	145,000.00	164,632.87
Appropriation	165,000.00	140,000.00	120,000.00
Deficiency			39,892.62
Payment by relatives	5,000.00	5,000.00	4,740.25
Total	160,000.00	145,000.00	164,632.87

The disbursing officer of the District of Columbia is authorized to advance to the Director of Public Welfare, upon requisitions previously approved by the auditor of the District of Columbia and upon such security as may be required of said director by the commissioners, sums of money not to exceed $400 at any one time, to be used for expenses in placing and visiting children, traveling on official business of the board, and for office and sundry expenses, all such expenditures to be accounted for to the accounting officers of the District of Columbia within one month on itemized vouchers properly approved.		
Home Care for Dependent Children, District of Columbia—		
To carry out the purposes of the act entitled "An act to provide home care for dependent children in the District of Columbia," approved June 22, 1926, including not to exceed [$10,500] *$12,180*, for personal services in the District of Columbia in accordance with the classification act of 1923, [$85,000] *$125,000* [: *Provided*, That the unexpended balance of the appropriation of $75,000, fiscal year 1927, contained in the second deficiency act, fiscal year 1926, for this purpose, is continued and made available until June 30, 1928] (*acts June 22, 1926, vol. 44, pp. 758–760; Mar. 21, 1927, vol. 44, p. 1323*)	125,000.00	85,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Salaries:						
Professional and scientific service—	*Average*—		*Average*—		*Average*—	
Grade 2, $2,400 to $3,000; average, $2,700—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Assistant economic analyst	1	$2,700	1	$2,700	1	$2,400
Subprofessional service—						
Grade 6, $1,860 to $2,400; average, $2,200—						
Senior social service worker	1	1,860	1	1,860	1	1,860
Grade 5, $1,680 to $2,040; average, $1,860—						
Social service worker	1	1,740	1	1,680	1	1,680
Grade 4, $1,500 to $1,860; average, $1,680—						
Assistant social service worker	1	1,560	1	1,500	1	1,500

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Home Care for Dependent Children, District of Columbia—Continued.

	Esimated expenditures, 1929 appropriation	Estimated expenditures 1928 appropriation	Expended and obligated, 1927
Salaries—Continued.			
Clerical, administrative, and fiscal service—	*Average—*	*Average—*	*Average—*
Grade 2, $1,320 to $1,680; average, $1,500—	*No.* *Salary*	*No.* *Salary*	*No.* *Salary*
Junior stenographer	2 $1,410	2 $1,380	2 $1,320
Total average number of employees	6	6	6
Total salaries	10,680.00	10,500.00	9,387.38
NEW POSITIONS RECOMMENDED			
Subprofessional service—			
Grade 4, $1,500 to $1,860 average, $1,680—			
Assistant social service worker	1,500.00		
01 Total personal services	12,180.00	10,500.00	9,387.38
The difference between 1929 and 1928 is due to new position, $1,500, and increase in salaries, $180.			
Allowances for home care for dependent children	112,820.00	98,285.00	41,214.30
Total	125,000.00	108,785.00	50,601.68

Total, Board of Public Welfare, District of Columbia	$383,500.00	$335,460.00
Jail, District of Columbia—		
Salaries: For personal services in accordance with the classification act of 1923 (acts Mar. 16, 1926, vol. 44, pp. 208–211; Mar. 2, 1927, vol. 44, p. 1323)	61,000.00	

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Salaries:			
Clerical, administrative, and fiscal service—	*Average—*	*Average—*	*Average—*
Grade 9, $3,000 to $3,600; average, $3,300—	*No.* *Salary*	*No.* *Salary*	*No.* *Salary*
Senior administrative assistant (assistant superintendent)	1 $3,300	1 $3,200	1 $3,200
Grade 4, $1,680 to $2,040; average, $1,860—			
Chief clerk	1 1,860	1 1,860	1 1,860
Grade 3, $1,500 to $1,860; average, $1,680—			
Assistant clerk	1 1,500	1 1,500	1 1,500
Custodial service—			
Grade 7, $1,680 to $2,040; average, $1,860—			
Chief engineer	1 1,860	1 1,860	1 1,860
Superintendent of repairs	1 1,680	1 1,680	1 1,680
Assistant chief guard	3 1,680	3 1,680	3 1,680
Supervisor of domestic attendants	1 1,680	1 1,680	1 1,680
Grade 6, $1,500 to $1,860; average, $1,680—			
Assistant engineer	1 1,560	1 1,500	1 1,620
Assistant engineer	1 1,620	1 1,620	1 1,620
Grade 5, $1,320 to $1,680; average, $1,500—			
Principal guard	17 1,362	17 1,362	17 1,362
Grade 4, $1,140 to $1,500; average, $1,320—			
Senior guard	3 1,240	3 1,180	3 1,180
Total average number of employees	31	31	31
Total salaries	46,980.00	46,640.00	45,069.95
Deduct allowance value of subsistence, lodging, etc., furnished	2,180.00	2,180.00	2,180.00
Cash payment, salaries	44,800.00	44,460.00	42,889.95
NEW POSITIONS REQUESTED			
Subprofessional service—			
Grade 4, $1,500 to $1,860; average, $1,680—			
Nurse	1 1,500		
Custodial service—			
Grade 6, $1,500 to $1,860; average, $1,680—			
Mechanic	1 1,500		
Grade 5, $1,320 to $1,680; average, $1,500—			
Principal guard	10 1,320		
Total average number of employees	43	31	31
01 Total salaries	61,000.00	44,460.00	42,889.95
The difference between 1929 and 1928 is due to—			
Increase in salary $340			
New positions 16,200			
Total increase 16,540			

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Jail, District of Columbia—Continued.		
For maintenance *and support* of prisoners of the District of Columbia at the jail, [including pay of guards and all other necessary personal services, and for support of prisoners therein], expenses incurred in identifying and pursuing escaped prisoners, and rewards for their recapture, repair and improvements to buildings, cells, and locking devices (*acts Mar. 16, 1926, vol. 44, pp. 208–211; Mar. 2, 1927, vol. 44, p. 1323*)	$64,600.00	$108,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Food	$42,000.00	$40,000.00	$39,698.37
Clothing, dry goods, and shoes	2,500.00	2,500.00	1,854.07
Fuel for heat, light, and power	13,000.00	13,500.00	8,412.85
Furniture and house furnishings	2,000.00	2,000.00	1,429.08
Repairs and materials for same	2,000.00	2,500.00	3,380.54
Stable, farm, and garden	500.00	500.00	256.22
Medical and surgical supplies	1,200.00	1,000.00	760.73
Miscellaneous	1,400.00	1,540.00	1,334.47
Total	64,600.00	63,540.00	57,126.33

Total, Jail, District of Columbia	125,600.00	108,000.00
General Administration, Workhouse and Reformatory, District of Columbia—		
Salaries: For personal services in accordance with the classification act of 1923 (*acts Mar. 16, 1926, vol. 44, pp. 208–211; Mar. 2, 1927, vol. 44, p. 1323*)	15,400.00	15,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Salaries:						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
Grade 3, $3,000 to $3,600; average, $3,300—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Assistant medical officer	1	$3,000	1	$3,000	1	$3,000
Clerical, administrative, and fiscal service—						
Grade 11, $3,800 to $5,000; average, $4,400—						
Administrative officer (general superintendent)	1	4,200	1	4,200	1	4,200
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	1	1,860	1	1,800	1	1,800
Custodial service—						
Grade 9, $2,100 to $2,700; average, $2,400—						
Principal mechanic	1	2,200	1	2,100	1	2,100
Grade 6, $1,500 to $1,860; average, $1,680—						
Mechanic	2	1,680	2	1,620	2	1,620
Grade 5, $1,320 to $1,680; average, $1,500—						
Junior mechanic	1	1,560	1	1,560	1	1,560
Total average number of employees	7		7		7	
Total salaries		16,180.00		15,900.00		15,420.62
The difference between 1929 and 1928 is due to promotions amounting to $400.						
Deduct allowance value of subsistence, lodging, etc., furnished		780.00		780.00		780.00
01 Cash payment, salaries		15,400.00		15,120.00		14,640.62

The disbursing officer of the District of Columbia is authorized to advance to the general superintendent of penal institutions, upon requisitions previously approved by the auditor of the District of Columbia, and upon such security as the commissioners may require of said superintendent, sums of money not exceeding $100 at one time, to be used only for expenses in returning escaped prisoners, payable from the maintenance appropriations for the workhouse and reformatory, all such expenditures to be accounted for to the accounting officers of the District of Columbia within one month on itemized vouchers properly approved.

Workhouse and reformatory: For the purchase of approximately one and one-half acres of land to provide suitable switching connections and switching yards for industrial railroad adjacent to main line of the Richmond, Fredericksburg and Potomac Railroad, $150; and for the purchase of approximately eight acres of land in close proximity to permanent buildings at the reformatory, $2,500; in all 2,650.00

Purchase of land: Expenditures, 1929, $2,650.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Workhouse, District of Columbia—		
Salaries: For personal services in accordance with the classification act of 1923 (*acts Mar. 16, 1926, vol. 44, pp. 208–211; Mar. 2, 1927, vol. 44, p. 1323*)	$73,200.00	$72,540.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Salaries:						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
Grade 1, $1,860 to $2,400; average, $2,100—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Junior veterinarian					1	$1,860
Subprofessional service—						
Grade 4, $1,500 to $1,860; average, $1,680—						
Hospital supervisor	1	$1,620	1	$1,620	1	1,560
Grade 2, $1,140 to $1,500; average, $1,320—						
Hospital attendant	1	1,200	1	1,200	1	1,200
Clerical, administrative, and fiscal service—						
Grade 9, $3,000 to $3,600; average, $3,300—						
Senior administrative officer	1	3,300	1	3,300	1	3,000
Grade 8, $2,700 to $3,300; average, $3,000—						
Administrative assistant	1	2,800	1	2,800	1	2,700
Grade 5, $1,860 to $2,400; average, $2,100—						
Clerk	1	2,100	1	2,100	1	1,920
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	1	1,320	1	1,320	1	1,320
Custodial service—						
Grade 8, $1,860 to $2,400; average, $2,100—						
Farm steward	1	1,860	1	1,860	1	1,860
Chief guard	1	2,000	1	2,000	1	2,000
Grade 7, $1,680 to $2,040; average, $1,860—						
Assistant chief guard	1	1,860	1	1,860	1	1,800
Grade 6, $1,500 to $1,860; average, $1,680—						
Steward	1	1,680	1	1,680	1	1,680
Foreman of laborers	4	1,560	4	1,530	4	1,530
Grade 5, $1,320 to $1,680; average, $1,500—						
Senior domestic attendant	3	1,400	3	1,400	3	1,380
Principal guard	22	1,470	22	1,445	22	1,434
Stewardess	1	1,320	1	1,320	1	1,320
Grade 4, $1,140 to $1,500; average, $1,320—						
Guard	16	1,170	16	1,170	16	1,170
Total average number employees	56		56		57	
Total salaries		82,560.00		81,900.00		78,517.69
Deduct allowance value of subsistence, lodging, etc., furnished		9,360.00		9,360.00		9,200.00
01 Cash payment, salaries		73,200.00		72,540.00		69,317.60

The difference between 1929 and 1928 is due to promotions amounting to $660.

For maintenance, custody, clothing, guarding, care, and support of prisoners; rewards for fugitives; provisions, subsistence, medicine, and hospital instruments, furniture, and quarters for guards and other employees and inmates; purchase of tools and equipment; purchase and maintenance of farm implements, livestock, tools, equipment, and miscellaneous items; transportation; maintenance and operation of nonpassenger-carrying motor vehicles; supplies and labor; and all other necessary items (*same acts*)	120,000.00	110,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Salaries and wages: Skilled laborers and mechanics, at $5.17, $5.02, and $3.50 per day	*Number* 7	*Number* 7	*Number* 7
Total salaries and wages	$15,000.00	$12,500.00	$10,777.69
General objects of expenditure:			
Food and ice	50,000.00	49,000.00	43,858.21
Clothing, dry goods, and shoes	17,000.00	15,500.00	14,899.96
Furniture and household furnishings	2,000.00	2,000.00	2,393.12
Medical and surgical supplies	700.00	600.00	592.65
Laundry and cleaning supplies	1,400.00	1,300.00	1,486.20
Repairs to auto truck, gasoline, oils, transportation, tugs, and scows	7,800.00	6,000.00	6,662.06
Farm tools and equipment, forage, stables, etc	22,000.00	20,000.00	19,900.05
Machinery, engineer supplies, and plumbing supplies	2,000.00	1,300.00	1,376.02
Miscellaneous supplies	2,100.00	1,800.00	2,648.64
Total	120,000.00	110,000.00	104,594.60

For fuel for maintenance and manufacturing (*same acts*)	47,500.00	47,500.00

Fuel for maintenance and manufacturing: Expenditures—1929, $47,500; 1928, $47,500; 1927, $47,292.39.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Workhouse, District of Columbia—Continued.		
[For construction, dynamite, oils, repairs to plant, and material for repairs to buildings, roads, and walks.]		
For continuing construction of permanent buildings, including sewers, water mains, and roads; for equipment for new buildings; for material for repairs to buildings, roads, and walks; and not to exceed $36,000 for reconditioning and enlarging brick plant, including the purchase and installation of machinery and equipment	$116,000.00	$60,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Salaries and wages: Skilled laborer and mechanic, at $7.25, $7.02, $6.10, $5.75, $5.50, $5.25, $4.75, $4.50, and $3.77 per day	$24,300.00	$24,300.00	$23,364.06
General objects and expenditure:			
Brick plant	36,000.00	5,000.00	4,457.86
Sewers, water mains, etc	10,000.00		
Electrical	1,600.00	1,600.00	1,314.66
Cement and lime	6,000.00	6,000.00	6,250.64
Hardware and tools	2,500.00	2,500.00	1,686.02
Paints and oils	2,500.00	2,500.00	2,265.47
Plumbing, engineer, etc	7,000.00	7,000.00	7,669.20
Lumber	4,200.00	4,200.00	12,830.95
Construction material, general repairs, miscellaneous, etc	11,900.00	6,900.00	
Equipment of new buildings	10,000.00		
			59,838.86
Unobligated balance			161.14
Total	116,000.00	60,000.00	60,000.00

For purchase and exchange of one nonpassenger-carrying motor vehicle	750.00	

For purchase of motor truck: Expenditures, 1929, $750.

In all, [$290,040] *$357,450*, which sum shall be expended under the direction of the commissioners.

Total, Workhouse, District of Columbia	357,450.00	290,040.00
Reformatory, District of Columbia—		
Salaries: For personal services in accordance with the classification act of 1923 (*acts Mar. 16, 1926, vol. 44, pp. 208–211; Mar. 2, 1927, vol. 44, p. 1324*)	62,300.00	57,800.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Salaries:						
Subprofessional service—	*Average*—		*Average*—		*Average*—	
Grade 5, $1,680 to $2,040; average, $1,860—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Social service worker	1	$1,860	1	$1,860	1	$1,800
Grade 4, $1,500 to $1,860; average, $1,680—						
Assistant laboratory mechanic	2	1,620	2	1,620	2	1,740
Occupational therapy aide	3	1,740	3	1,740	3	1,740
Clerical, administrative, and fiscal service—						
Grade 9, $3,000 to $3,600; average, $3,300—						
Senior administrative assistant	1	3,300	1	3,300	1	3,200
Grade 8, $2,700 to $3,300; average, $3,000—						
Administrative assistant	1	2,800	1	2,800		
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant	1	2,400	1	2,400		
Grade 5, $1,860 to $2,400; average, $2,130—						
Senior clerk	1	2,100	1	2,100	1	1,920
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	2	1,620	2	1,620	2	1,620
Custodial service—						
Grade 8, $1,860 to $2,400; average, $2,100—						
Principal supervisor of domestic attendants	1	2,200	1	2,200	1	2,200
Farm steward	1	2,000	1	2,000	1	1,860
Grade 7, $1,680 to $2,040; average, $1,860—						
Assistant chief guard	1	1,860	1	1,860	1	1,800
Grade 6, $1,500 to $1,860; average, $1,680—						
Head guard	1	1,680	1	1,680	1	1,620
Mechanic	1	1,500	1	1,500		
Grade 5, $1,320 to $1,680; average, $1,500—						
Principal guard	16	1,414	16	1,380	16	1,301
Grade 4, $1,140 to $1,500; average, $1,320—						
Senior guard	9	1,200	9	1,200	9	1,182
Total average number of employees	42		42		39	
Total salaries		66,820		66,280		57,810
Deduct allowance value of subsistence, lodging, etc., furnished		8,480		8,480		7,840
Cash payment, salaries		58,340		57,800		49,970

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Reformatory, District of Columbia—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
NEW POSITIONS RECOMMENDED			
Salaries—Continued.			
Custodial service—	*Average—*	*Average—*	*Average—*
	No. *Salary*	*No.* *Salary*	*No.* *Salary*
Grade 5, $1,320 to $1,680; average, $1,500—			
Principal guard	2 $1,320		
Grade 4, $1,140 to $1,500; average, $1,320—			
Senior guard	2 1,140		
	4,920		
Less allowance value ofsubsistence furnished	960		
	3,960		
Total number of employees	46	42	39
01 Total personal services	62,300	$57,800	$49,970
The difference between 1929 and 1928 is due to—			
Increase in salary	$540		
New positions	3,960		
Total increase	4,500		

For continuing construction of permanent buildings, including sewers, water mains, roads, and necessary equipment of industrial railroad; for equipment for new buildings; [and] for material for repairs to buildings, roads, and walks; *and not to exceed $12,000 for a water supply tank and connecting pipe (acts Mar. 16, 1926, vol. 44, pp. 208–211; Mar. 2, 1927, vol. 44, p. 1324)* $62,000.00 $73,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Salaries and wages:			
Engineer and superintendent of construction, at $2,500 per annum	$2,640.00	$2,640.00	$2,500.00
Skilled laborer and mechanic, at $7.25, $7.02, $6.10, $5.75, $5.50, $5.25, $4.75, $4.50, and $3.77 per day	20,000.00	25,000.00	23,688.76
Total salaries and wages	22,640.00	27,640.00	26,188.76
General objects of expenditure:			
Bake oven			2,000.00
Cement and lime	5,000.00	15,000.00	6,566.86
Lumber	5,000.00	5,000.00	3,480.50
Engineer and plumbing supplies	4,000.00	4,000.00	3,586.14
Electrical supplies	3,000.00	3,000.00	1,118.00
Roofing	5,000.00	5,000.00	3,200.29
Paints	2,000.00	2,500.00	1,654.20
Material for railway	2,000.00	3,000.00	327.80
Miscellaneous	1,360.00	8,457.45	1,431.32
Water-supply tank and connecting pipe	12,000.00		597.45
Total	62,000.00	73,597.45	50,151.32

For maintenance, custody, clothing, care, and support of inmates, rewards for fugitives; discharge gratuities provided by law; provisions, subsistence, medicine and hospital instruments, furniture, and quarters for guards and other employees and inmates; purchase of tools and equipment; purchase and maintenance of farm implements, livestock, tools, equipment; transportation; purchase *of material* [installation, operation, and maintenance of machinery and other equipment necessary] for the manufacture of metal tags, signs, and markers, and cast-iron products; [purchase of materials and supplies;] maintenance and operation of nonpassenger-carrying motor vehicles; supplies and labor, and all other necessary items, [$106,000] *$80,000*, [of which sum $32,000 shall be available immediately] (*same acts*) $83,000.00 106,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Salaries and wages: Skilled laborers, at $5.17, $5.02, and $3.50 per day	$3,000.00	$3,000.00	$4,137.48
Food and ice	35,000.00	35,000.00	24,536.79
Clothing, drygoods, and shoes	12,000.00	12,000.00	8,419.74
Furniture and house furnishings	2,000.00	2,000.00	837.12
Laundry and cleaning supplies	1,000.00	1,000.00	1,194.90
Foundry supplies	7,000.00	6,000.00	
Broom supplies	2,000.00	2,000.00	1,697.32
Tag machinery and supplies	9,000.00	32,000.00	
Stable, farm and garden	8,000.00	9,000.00	9,239.00
Miscellaneous	4,000.00	4,000.00	4,625.30
			54,687.65
Unobligated balance			312.35
Total	83,000.00	106,000.00	55,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Reformatory, District of Columbia—Continued.		
[For capture of person or persons who committed a horrible crime, to wit: Criminal assault at the Capitol Grounds the night of February 18, 1927, $1,000, to be available immediately] (*acts Mar. 16, 1926, vol. 44, pp. 208–211; Mar. 2, 1927, vol. 44, p. 1324*)		$1,000.00
For fuel (*same acts*)	$10,000.00	10,000.00
Fuel: Expenditures—1929, $10,000; 1928, $10,000; 1927, $9,579.88.		
In all, [$247,800] *$217,300*, which sum shall be expended under the direction of the commissioners.		
Total, Reformatory, District of Columbia	217,300.00	247,800.00
National Training School for Boys, Contract, District of Columbia—		
For care and maintenance of boys committed to the National Training School for Boys by the courts of the District of Columbia under a contract to be made by the Board of Public Welfare with the authorities of said National Training School for Boys (*act Mar. 2, 1927, vol. 44, p. 1324*)	40,000.00	42,000.00
Actual per capita cost to school for care of boys: Expenditures—1929, $40,000; 1928, $42,000; 1927, $38,019.46.		
National Training School for Girls, District of Columbia—		
Salaries: For personal services in accordance with the classification act of 1923 (*acts Mar. 16, 1926, vol. 44, pp. 208–211; Mar. 2, 1927, vol. 44, p. 1324*)	33,000.00	31,500.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Salaries:						
Subprofessional service—	*Average—*		*Average—*		*Average—*	
Grade 8, $2,400 to $3,000; average, $2,700—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Chief social service worker	1	$2,700	1	$2,700	1	$2,600
Grade 6, $1,860 to $2,400; average, $2,100—						
Senior social service worker (assistant superintendent)	1	1,920	1	1,860	1	1,860
Grade 4, $1,500 to $1,860; average, $1,680—						
Nurse	1	1,620	1	1,620	1	1,560
Assistant social service worker	2	1,620	2	1,560	2	1,500
Clerical, administrative, and fiscal service—						
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	1	1,740	1	1,740	1	1,680
Custodial service—						
Grade 6, $1,500 to $1,860; average, $1,680—						
Supervisor of domestic attendants	1	1,560	1	1,560	1	1,500
Grade 5, $1,320 to $1,680; average, $1,500—						
Foreman of laborers	1	1,380	1	1,380	1	1,320
Senior domestic attendant	3	1,440	3	1,380	3	1,340
Junior mechanic	1	1,380	1	1,380	1	1,320
Grade 4, $1,140 to $1,500; average, $1,320—						
Junior domestic attendant	12	1,255	12	1,255	12	1,215
Undermechanic	1	1,200	1	1,140	1	1,140
Senior guard	1	1,260	1	1,260	1	1,200
Assistant foreman of laborers	1	1,200	1	1,140	1	1,140
Grade 3, $1,020 to $1,260; average, $1,140—						
Senior laborer	2	1,050	2	1,050	2	1,020
Total average number of employees	29		29		29	
Total salaries		40,680.00		40,200.00		38,962.75
Deduct allowance value of subsistence, lodging, etc., furnished		8,700.00		8,700.00		8,700.00
Cash payment, salaries		31,980.00		31,500.00		30,262.75
New position recommended:						
Custodial service—						
Grade 5, $1,320 to $1,680; average, $1,500—						
Senior domestic attendant ($1,320, less $300 maintenance)		1,020				
01 Total personal services		33,000.00		31,500.00		30,262.75
The difference between 1929 and 1928 is due to—						
Increase in salary	$480					
New positions	1,020					
Total increase	1,500					

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
National Training School for Girls, District of Columbia—Continued.		
For groceries, provisions, light, fuel, soap, oil, lamps, candles, clothing, shoes, forage, horseshoeing, medicines, medical attendance, transportation, labor, sewing machines, fixtures, books, magazines, and other supplies which represent greater educational advantages, stationery, horses, vehicles, harness, cows, pigs, fowls, sheds, fences, repairs, typewriting, stenography, and other necessary items, including compensation not exceeding [$1,000] *$1,500* for additional labor or services, for identifying and pursuing escaped inmates and for rewards for their capture, for transportation and other necessary expenses incident to securing suitable homes for paroled or discharged girls, and for maintenance of nonpassenger-carrying motor vehicles (*acts Mar. 16, 1926, vol. 44, pp. 208–211; Mar. 2, 1927, vol. 44, p. 1324*)	$38,000.00	$35,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Temporary labor	$1,500.00	$1,000.00	$999.50
Food and ice	10,000.00	10,000.00	11,550.74
Clothing, dry goods, and shoes	4,000.00	3,000.00	2,840.64
Heat, light, and power	6,000.00	6,000.00	7,751.18
Furniture and household furnishings	3,000.00	3,000.00	2,536.21
Repairs and materials for same	4,500.00	3,000.00	4,636.34
Stable, farm, and garden	3,000.00	3,000.00	3,388.85
Medical and dental supplies and attendance	3,000.00	3,000.00	3,073.36
Laundry and cleaning supplies	500.00	500.00	782.86
Miscellaneous	2,500.00	2,500.00	2,177.70
			39,737.18
Unobligated balance			664.26
			40,401.44
Appropriation			36,000.00
For care of Federal prisoners			4,401.44
Total	38,000.00	35,000.00	40,401.44

Total, National Training School for Girls, District of Columbia	71,000.00	66,500.00
Medical Charities, District of Columbia—		
For care and treatment of indigent patients under contracts to be made by the Board of Public Welfare with the following institutions and for not to exceed the following amounts, respectively:		
Freedmen's Hospital (*act Mar. 2, 1927, vol. 44, p. 1325*)	42,500.00	42,500.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Adults, at $2 per day	$41,000	$41,000	$41,012
Children, at $1.25 per day	1,076	1,076	1,064
Infants, at 50 cents per day	424	424	424
Total	42,500	42,500	42,500

Columbia Hospital for Women and Lying-in Asylum (*same act*)	17,000.00	17,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Adults, at $2 per day	$15,000	$15,000	$13,252
Infants, at 50 cents per day	2,000	2,000	1,072
			14,324
Unexpended balance			2,676
Total	17,000	17,000	17,000

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Medical Charities, District of Columbia—Continued.		
Children's Hospital (*act Mar. 2, 1927, vol. 44, p. 1325*)	$27,000.00	$22,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Children, at $1.50 per day			$20,000
Children, at $2 per day	$27,000	$22,000	

Providence Hospital (*same act*)	17,000.00	17,000.00

Adults, at $2 per day: Expenditures—1929, $17,000; 1928, $17,000; 1927, $17,000.

Garfield Memorial Hospital (*same act*)	17,000.00	17,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Adults, at $2 per day	$16,700.00	$16,700.00	$15,684.00
Infants, at 50 cents per day	300.00	300.00	197.50
			15,881.50
Unobligated balance			1,118.50
Total	17,000.00	17,000.00	17,000.00

Central Dispensary and Emergency Hospital (*same act*)	23,000.00	23,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Ward cases, at $2 per day	$14,500	$14,500	$14,199
Emergency cases, at $1 each	3,800	3,800	3,882
Dispensary cases, at $0.15 each	100	100	99
Radiographs, at $1.50 each	1,400	1,400	1,668
Ambulance runs, at $1 each	3,200	3,200	3,152
Total	23,000	23,000	23,000

Eastern Dispensary and Casualty Hospital (*same act*)	15,000.00	10,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Ward cases, at $2 per day	$9,500.00	$5,554.00	$5,554.00
Emergency cases, at $1 each	2,000.00	1,833.00	1,833.00
Dispensary cases, at $0.15 each	50.00	28.50	28.50
Redressings, at $0.30 each	50.00	34.50	34.50
Radiographs, at $1.50 each	1,000.00	465.00	465.00
Ambulance runs at $1 each	2,400.00	2,085.00	2,085.00
Total	15,000.00	10,000.00	10,000.00

Washington Home for Incurables (*same act*)	10,000.00	10,000.00

Indigent patients, at $7.50 per week: Expenditures—1929, $10,000; 1928, $10,000; 1927, $9,127.50.

Georgetown University Hospital (*same act*)	8,000.00	8,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Adults, at $2 per day	$7,900	$7,900	$7,910
Infants, at 50 cents per day	100	100	90
Total	8,000	8,000	8,000

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Medical Charities, District of Columbia—Continued.		
George Washington University Hospital (*act Mar. 2, 1927, vol. 44, p. 1325*)	$8,000.00	$8,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Adults at $2 per day	$7,908	$7,908	$6,708
Infants at 50 cents per day	92	92	27
			6,735
Unobligated balance			1,265
Total	8,000	8,000	8,000

Maintenance, etc., Columbia Hospital for Women, District of Columbia—		
Columbia Hospital and Lying-in Asylum:		
For general repairs and for additional construction, including labor and material, and for expenses of heat, light, and power required in and about the operation of the hospital, *including not to exceed $15,000 for replacemcnt of elevators,* [there is hereby reappropriated the sum of $15,000 of the unobligated balance of the appropriation "Support of Convicts, District of Columbia, 1925,"] to be expended in the discretion and under the direction of the Architect of the Capitol (*act Mar. 2, 1927, vol. 44, p. 1326*)	30,000.00	

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Fuel, light, and power, and general repair	$15,000.00	$15,000.00	$24,822.04
Unobligated balance			177.96
Replacement of elevators	15,000.00		
Total	30,000.00	15,000.00	25,000.00

For the complete construction and equipment of a nurses' home in accordance with the provisions of the act entitled "An act to authorize the construction of a nurses' home for the Columbia Hospital for Women and Lying-in Asylum," approved January 13, 1927 (submitted)	350,000.00	
Construction and equipment of nurses' home: Expenditure—1929, $350,000.		
For payment to the Columbia Hospital for Women and Lying-in Asylum in accordance with the provisions of the act entitled "An act to authorize the refund of $25,000 to the Columbia Hospital for Women and Lying-in Asylum," approved March 4, 1927	25,000.00	
Payment to Columbia Hospital: 1929, $25,000.		
Tuberculosis Hospital, District of Columbia—		
Salaries: For personal services in accordance with the classification act of 1923 (*acts Mar. 16, 1926, vol. 44, pp. 208–211; Mar. 2, 1927, vol. 44, p. 1325*)	58,000.00	55,300.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Salaries:						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
Grade 3, $3,000 to $3,600; average, $3,300—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Associate medical officer (superintendent)	1	$3,200	1	$3,200	1	$3,100
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant medical officer	1	2,500	1	2,500	1	2,500
Subprofessional service—						
Grade 6, $1,860 to $2,400; average, $2,100—						
Assistant chief nurse	1	1,920	1	1,920	1	1,920
Dietitian	1	1,920	1	1,860	1	1,860
Grade 4, $1,500 to $1,860; average, $1,680—						
Nurse	11	1,554	11	1,554	11	1,538
Grade 2, $1,140 to $1,500; average, $1,320—						
Hospital attendant	3	1,140	3	1,140	3	1,140
Clerical, administrative, and fiscal service—						
Grade 3, $1,500 to $1,860; average, $1,680—						
Head typist	1	1,560	1	1,560	1	1,500
Custodial service—						
Grade 6, $1,500 to $1,860; average, $1,680—						
Mechanic	1	1,560	1	1,560	1	1,560

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Tuberculosis Hospital, District of Columbia—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Salaries—Continued.						
Custodial service—Continued.	*Average—*		*Average—*		*Average—*	
Grade 5, $1,320 to $1,680; average, $1,500—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Senior domestic attendant	2	$1,410	2	$1,410	2	$1,410
Grade 4, $1,140 to $1,500; average, $1,320—						
Undermechanic	2	1,200	2	1,200	2	1,170
Junior domestic attendant	4	1,200	4	1,140	4	1,140
Grade 3, $1,020 to $1,260; average, $1,140—						
Underdomestic attendant	4	1,035	4	1,035	4	1,035
Grade 2, $900 to $1,140; average, $1,020—						
Minor domestic attendant	13	900	13	900	13	900
Junior laborer	5	912	5	912	5	900
Special class—						
Roentgenologist	1	1,320	1	1,320	1	1,320
Pathologist	1	1,140	1	1,140	1	1,140
Assistant resident physician	1	1,140	1	1,140	1	1,140
Total average number of employees	53		53		53	
Total salaries		67,200.00		66,900.00		65,610.85
Deduct allowance value of subsistence, lodging etc., furnished		11,600.00		11,600.00		11,600.00
Cash payment, salaries		55,600.00		55,300.00		54,010.85
NEW POSITIONS RECOMMENDED						
Subprofessional service—						
Grade 4, $1,500 to $1,860; average, $1,680—						
2 nurses, at $1,500 ($3,000 less $600 maintenance)		1,200.00				
01 Total personal services		58,000.00		55,300.00		54,010.85
The difference between 1929 and 1928 is due to—						
Increase in salary	$300					
New positions	2,400					
Total increase	2,700					

For provisions, fuel, forage, harness and vehicles, and repairs to same, gas, ice, shoes, clothing, dry goods, tailoring, drugs and medical supplies, furniture and bedding, kitchen utensils, books and periodicals not to exceed $50, temporary services not to exceed $1,000, maintenance of motor truck, and other necessary items (*acts Mar. 16, 1926, vol. 44, pp. 208–211; Mar. 2, 1927, vol. 44, p. 1325*) ..... $58,500.00 | $57,500.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Labor	$1,000.00	$1,000.00	$974.50
Food and ice	38,000.00	37,000.00	38,769.47
Heat, light, and power	8,500.00	8,500.00	6,321.92
Clothing and dry goods	3,500.00	3,500.00	1,888.23
Medical and surgical supplies	2,000.00	2,000.00	3,413.80
Miscellaneous	5,500.00	5,500.00	4,606.36
			55,974.28
Unobligated balance			25.72
Total	58,500.00	57,500.00	56,000.00

For repairs and improvements to buildings and grounds, including roads and sidewalks [and not exceeding $10,000 for inclosing porches] (*same acts*) ..... 6,000.00 | 16,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Personal service: Wages	$500.00	$500.00	$425.34
Allotment to superintendent of repairs	4,500.00	4,500.00	4,033.25
Porches		10,000.00	
Materials, etc	1,000.00	1,000.00	526.46
			4,985.05
Unobligated balance			14.95
Total	6,000.00	16,000.00	5,000.00

Total, Tuberculosis Hospital, District of Columbia ..... 122,500.00 | 128,800.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Gallinger Municipal Hospital, District of Columbia—		
Salaries: For personal services in accordance with the classification act of 1923 (*acts Mar. 16, 1926, vol. 44, pp. 208–211; Mar. 2, 1927, vol. 44, p. 1325*)	$191,700.00	$185,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average—		*Average*—		*Average*—	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salaries:						
Professional and scientific service—						
Grade 4, $3,800 to $5,000; average, $4,400—						
Medical officer (superintendent)	1	$4,000	1	$3,800	1	$3,800
Grade 2, $2,400 to $3,000; average, $2,700—						
Psychologist, one-fourth time	0.3	2,400	0.3	2,400	0.3	2,400
Subprofessional service—						
Grade 7, $2,100 to $2,700; average, $2,400—						
Chief nurse	1	2,100	1	2,100	1	2,100
Grade 6, $1,860 to $2,400; average, $2,100—						
Dietitian (chief)	1	1,860	1	1,860	1	1,860
Assistant pathologist	1	1,860	1	1,860	1	1,860
Occupational therapy aid	1	1,860	1	1,860	1	1,860
Senior pharmacist	1	1,860	1	1,860	1	1,860
Grade 5, $1,680 to $2,040; average, $1,860—						
Assistant chief occupational therapy aid	1	1,680	1	1,680	1	1,680
Head nurse	2	1,680	2	1,680	2	1,680
Instructress	1	1,680	1	1,680	1	1,680
Grade 4, $1,500 to $1,860; average, $1,680—						
Nurse	11	1,500	11	1,500	11	1,500
Physiotherapy aid	2	1,500	2	1,500	2	1,500
Grade 2, $1,140 to $1,500; average, $1,320—						
Hospital attendant	44	1,155	44	1,155	44	1,155
Clerical, administrative, and fiscal service—						
Grade 5, $1,680 to $2,040; average, $1,860—						
Clerk	1	1,740	1	1,740	1	1,740
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk-typist	2	1,320	2	1,320	2	1,320
Junior clerk	3	1,400	3	1,400	3	1,400
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	3	1,200	3	1,200	3	1,200
Custodial service—						
Grade 8, $1,860 to $2,400; average, $2,100—						
Principal mechanic	1	2,100	1	2,100	1	2,100
Grade 6, $1,500 to $1,860; average, $1,680—						
Mechanic	8	1,552	8	1,552	8	1,552
Grade 5, $1,320 to $1,680; average, $1,500—						
Senior domestic attendant	2	1,350	2	1,350	2	1,350
Mechanic	3	1,320	3	1,320	3	1,320
Grade 4, $1,140 to $1,500; average, $1,320—						
Assistant foreman of laborers	2	1,290	2	1,290	2	1,290
Undermechanic	4	1,185	4	1,185	4	1,185
Junior domestic attendant	3	1,140	3	1,140	3	1,140
Grade 3, $1,020 to $1,260; average, $1,140—						
Underdomestic attendant	7	1,037	7	1,037	7	1,037
Guard (watchman)	1	1,020	1	1,020	1	1,020
Minor mechanic	3	1,020	3	1,020	3	1,020
Senior laborer	2	1,020	2	1,020	2	1,020
Grade 2, $900 to $1,140; average, $1,020—						
Minor domestic attendant	35	908	35	908	35	908
Special class—						
Visiting physician	1	1,860	1	1,860	1	1,860
Pathologist	1	1,140	1	1,140	1	1,140
Roentgenologist	1	1,320	1	1,320	1	1,320
Dentist	1	480	1	480	1	480
Anesthetist	1	1,140	1	1,140	1	1,140
Resident physician	2	1,860	2	1,860	4	1,140
Interne	12	660	12	660		
Pupil nurse (second year)	27	660	27	660	27	660
Pupil nurse (first year)	32	630	32	630	32	630
Total average number of employees	226		226		219	
Total salaries		236,020		235,820		235,940
Deduct allowance value of subsistence, lodging, etc., furnished		50,800		50,820		50,940
Cash payment, salaries		185,220		185,000		185,000
NEW POSITIONS						
Professional service—						
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate medical officer	1	3,000				
Subprofessional service—						
Grade 5, $1,680 to $2,400; average, $1,860—						
Head nurse (instructress)	1	1,680				
Grade 3, $1,320 to $1,680; average, $1,500—						
Junior medical technician	1	1,320				
Clerical, administrative, and fiscal service—						
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk-stenographer	1	1,320				
		7,320				
Deduct allowance value of subsistence furnished		840				
		6,480				
01 Total personal services		191,700		185,000		185,000
The difference between 1929 and 1928 is due to—						
Increase in salary	$220					
New positions	6,480					
Total increase	6,700					

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Gallinger Municipal Hospital, District of Columbia—Continued.		
For maintenance, maintenance of horses and horse-drawn vehicles, books of reference and periodicals not to exceed $50, maintenance of nonpassenger-carrying *motor* vehicles, and all other necessary expenses (*acts Mar. 16, 1926, vol. 44, pp. 208–211; Mar. 2, 1927, vol. 44, p. 1325*)	$147,000.00	$140,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Food supplies	$80,000.00	$78,000.00	$77,634.56
Clothing and dry goods	10,000.00	9,000.00	8,890.21
Fuel, light, power and engineer supplies	30,000.00	29,000.00	28,506.67
Furniture and house furnishings	4,500.00	4,500.00	4,529.25
Medical and surgical supplies and instruments	12,000.00	12,000.00	11,619.36
Expenses of stable, farm, and garden	1,500.00	1,500.00	1,615.15
Miscellaneous	9,000.00	6,000.00	6,009.80
			138,805.00
Unobligated balance			1,195.00
Total	147,000.00	140,000.00	140,000.00

For repairs to buildings (*same acts*)	5,000.00	5,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Allotment to superintendent of repairs	$900.00	$900.00	$863.95
Lumber	2,000.00	2,000.00	1,937.36
Paints	2,100.00	2,100.00	2,182.85
Unobligated balance			4,984.16
			15.84
Total	5,000.00	5,000.00	5,000.00

Purchase of books, musical instruments and music, expense of commencement exercises, entertainments, and other incidental expenses of the training school for nurses (*same acts*)	500.00	500.00
Purchase of a reference library, musical instruments, etc.: Expenditures—1929, $500; 1928, $500; 1927, $493.03.		
[For the purchase of radium] (*same acts*)		10,000.00
For purchase and exchange of one nonpassenger-carrying motor vehicle (submitted)	750.00	
Purchase of one motor truck: Expenditure—1929, $750.		
For completing the construction of the domestic service and ward buildings at Gallinger Municipal Hospital, subject to the limitations prescribed in the District of Columbia appropriation act for the fiscal year 1927; for purchase and installation of new boiler and accessories; and for sewer and water connections, roads, walks, and improvement of grounds	465,000.00	

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Buildings, Gallinger Municipal Hospital	$390,000.00	$447,993.00	$12,007.00
Furniture and equipment for ward building	75,000.00		
Total	465,000.00	447,993.00	12,007.00

Total, Gallinger Municipal Hospital, District of Columbia	809,950.00	340,500.00
District Training School, District of Columbia—		
For personal services in accordance with the classification act of 1923 (*acts Mar. 16, 1926, vol. 44, pp. 208–211; Mar. 2, 1927, vol. 44, p. 1325*)	55,000.00	35,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

District Training School, District of Columbia—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Salaries:						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
Grade 4, $3,800 to $5,000; average, $4,400—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Medical officer (superintendent)	1	$4,600	1	$4,400	1	$4,400
Clerical, administrative, and fiscal service—						
Grade 3, $1,500 to $1,860; average, $1,680—						
Clerk-stenographer	1	1,560	1	1,500	1	1,500
Custodial service—						
Grade 8, $1,860 to $2,400; average, $2,100—						
Principal mechanic					1	1,860
Grade 7, $1,680 to $2,040; average, $1,860—						
Senior supervisor of domestic attendants	1	1,680	1	1,680	1	1,680
Grade 6, $1,500 to $1,860; average, $1,680—						
Mechanic	2	1,500	2	1,500	3	1,500
Grade 5, $1,320 to $1,680; average, $1,500—						
Principal guard	1	1,380	1	1,320	1	1,320
Junior mechanic	1	1,380	1	1,320	1	1,320
Foreman of laborers	1	1,320	1	1,320	1	1,320
Grade 4, $1,140 to $1,500; average, $1,320—						
Junior domestic attendant	2	1,140	2	1,140	1	1,140
Grade 3, $1,020 to $1,260; average, $1,140—						
Underdomestic attendant	12	1,020	12	1,020	9	1,020
Minor mechanic	2	1,080	2	1,020	2	1,020
Grade 2, $900 to $1,140; average, $1,020—						
Minor domestic attendant	11	900	11	900	6	900
Junior laborer	4	900	4	900	5	900
Total average number of employees	39		39		33	
Total salaries		45,100.00		44,600.00		23,887.21
Deduct allowance for subsistence, lodging, etc.		9,600.00		9,600.00		4,600.00
Cash payment, salaries		35,500.00		35,000.00		19,287.21
NEW POSITIONS RECOMMENDED						
Professional service—						
Grade 3, $3,000 to $3,600; average, $3,300—						
Associated medical officer	1	3,000				
Subprofessional service—						
Grade 7, $2,100 to $2,700; average, $2,400—						
Principal social service worker	1	2,100				
Grade 4, $1,500 to $1,860; average, $1,680—						
Junior educational assistant	4	1,500				
Nurse	1	1,500				
Custodial service—						
Grade 5, $1,320 to $1,680; average, $1,500—						
Junior mechanic	1	1,320				
Senior domestic attendant	1	1,320				
Grade 4, $1,140 to $1,500; average, $1,320—						
Undermechanic	1	1,140				
Assistant foreman of laborers	1	1,140				
Grade 3, $1,020 to $1,260; average, $1,140—						
Underdomestic attendant	6	1,020				
Minor mechanic	1	1,020				
	18	24,660				
Deduct allowance value of subsistence furnished		5,160				
		19,500				
Total average number of employees	57					
01 Total personal services		55,000.00		35,000.00		19,287.21
The difference between 1929 and 1928 is due to—						
Increase in salary	$500					
New positions	19,500					
Total increase	20,000					

For maintenance and other necessary expenses, including the maintenance of nonpassenger-carrying motor vehicles, the purchase and maintenance of horses and wagons, [and not to exceed $2,700 for the purchase and equipment of one two-ton motor truck] (*acts Mar. 16, 1926, vol. 44, pp. 208–211; Mar. 2, 1927, vol. 44, p. 1325*) $68,000.00 $56,700.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Food, ice, and groceries	$37,000.00	$27,500.00	$6,230.85
Heat, light, and power	10,000.00	9,000.00	6,600.92
Clothing, dry goods, and shoes	8,000.00	7,000.00	5,235.75
Furniture and house furnishings	2,000.00	2,000.00	273.97
Medical and surgical supplies	1,000.00	700.00	308.45
Stable, farm, garden, etc.	4,000.00	3,000.00	7,667.06
Purchase of auto truck		2,700.00	
Repairs and improvements	2,000.00	1,000.00	13,093.86
School supplies	1,000.00	1,200.00	
Miscellaneous	3,000.00	2,600.00	2,603.00
			42,013.86
Unobligated balance			2,986.14
Total	68,000.00	56,700.00	45,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
District Training School, District of Columbia—Continued.		
[For the erection of cow barn and hayloft, including equipment] (*acts Mar. 16, 1926, vol. 44, pp. 208–211; Mar. 2, 1927, vol. 44, p. 1325*)		$9,000.00
Erection of cow barn and hayloft: Expenditures, 1928, $9,000.		
[For the erection of two additional dormitories] (*same acts*)		150,000.00
Erection of 2 dormitories: Expenditures, 1928, $150,000.		
[For the construction of implement and tool house] (*same acts*)		5,000.00
Construction of implement and tool house: Expenditures, 1928, $5,000.		
Repairs and improvements to buildings and grounds, including purchase of machinery and tools for same (submitted)	$5,000.00	
Materials, etc.: Expenditure, 1929, $5,000.		
For artesian well, pump, and necessary water lines for farm buildings (submitted)	3,000.00	
Artesian well, pump, and necessary water lines, etc.: Expenditure, 1929, $3,000.		
For furnishing and installing high-pressure steam boiler in power house (submitted)	10,000.00	
High-pressure steam boiler in power house: Expenditures, 1929, $10,000.		
For furnishings and equipment for two schoolrooms and for two new dormitories (submitted)	7,000.00	
Furnishings and equipment: Expenditures, 1929, $7,000.		
Total, District Training School, District of Columbia	148,000.00	255,700.00
Industrial Home School for Colored Children, District of Columbia—		
Salaries: For personal services in accordance with the classification act of 1923, [$28,500] *$28,800*; temporary labor, $500; in all (*acts Mar. 16, 1926, vol. 44, pp. 208–211; Mar. 2, 1927, vol. 44, p. 1326*)	29,300.00	29,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Salaries:						
Subprofessional service—	*Average*—		*Average*—		*Average*—	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 8, $2,400 to $3,000; average, $2,700—						
Chief social worker	1	$2,700	1	$2,700	1	$2,600
Grade 4, $1,500 to $1,800; average, $1,680—						
Junior educational assistant	3	1,660	3	1,600	3	1,540
Grade 2, $1,140 to $1,500; average, $1,320—						
Hospital attendant	1	1,320	1	1,320	1	1,260
Clerical, administrative, and fiscal service—						
Grade 3, $1,500 to $1,800; average, $1,680—						
Junior clerk	1	1,680	1	1,680	1	1,620
Custodial service—						
Grade 6, $1,500 to $1,800; average, $1,680—						
General foreman of laborers	1	1,560	1	1,560	1	1,500
Principal guard	1	1,560	1	1,560	1	1,500
Mechanic	2	1,650	2	1,650	2	1,590
Grade 5, $1,320 to $1,680; average, $1,500—						
Senior domestic attendant	1	1,560	1	1,500	1	1,440
Grade 4, $1,140 to $1,500; average, $1,320—						
Under mechanic	1	1,200	1	1,140		
Junior domestic attendant	8	1,215	9	1,215	8	1,192
Grade 3, $1,020 to $1,260; average, $1,140—						
Senior laborer	3	1,060	3	1,060	3	1,040
Under domestic attendant	2	1,110	2	1,110	2	1,080
Grade 2, $900 to $1,140; average, $1,020—						
Minor domestic attendant	2	960	2	960	2	900
Total number of employees	27		27		26	
Total salaries		36,900.00		36,600.00		33,704.52
Deduct allowance, value of subsistence, lodging, etc., furnished		8,100.00		8,100.00		8,100.00
Cash payment, salaries		28,800.00		28,500.00		25,601.52
Temporary labor		500.00		500.00		497.25
01 Total personal services		29,300.00		29,000.00		26,101.77
The difference between 1929 and 1928 is due to increase in salary, $300.						

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Industrial Home School for Colored Children, District of Columbia—Continued. For maintenance, including horses, wagons, and harness, and maintenance of nonpassenger-carrying motor vehicles (*acts Mar. 16, 1926, vol. 44, pp. 208–211; Mar. 2, 1927, vol. 44, p. 1326*)	$22,500.00	$21,500.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Food and ice	$9,000.00	$9,000.00	$8,597.45
Laundry and cleaning supplies	400.00	400.00	297.44
Clothing, dry goods, and shoes	5,000.00	5,000.00	3,864.86
Heat, light, and power	3,000.00	3,000.00	2,637.58
Medical and surgical supplies	1,200.00	300.00	264.31
Furniture and house furnishings	1,000.00	900.00	1,159.08
Stable, farm, and garden	2,000.00	2,000.00	2,000.00
Maintenance of nonpassenger-carrying vehicle	600.00	500.00	646.15
Miscellaneous	300.00	400.00	1,905.72
			21,372.59
Unobligated balance			77.41
Total	22,500.00	21,500.00	21,450.00

For repairs and improvements to buildings and grounds (*same acts*)	2,500.00	2,500.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Personal services: Wages	$1,000.00	$1,000.00	$853.92
Materials	1,500.00	1,500.00	1,588.58
			2,442.50
Unobligated balauce			57.50
Total	2,500.00	2,500.00	2,500.00

For manual-training equipment and materials (*same acts*)	1,250.00	1,250.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Materials	$500.00	$500.00	$1,093.40
Machinery	750.00	750.00	87.20
			1,180.60
Unobligated balance			69.40
Total	1,250.00	1,250.00	1,250.00

For purchase of one nonpassenger-carrying motor vehicle (*submitted*)	750.00	

Purchase of motor truck: Expenditure, 1929, $750.

All moneys received at said school as income from sale of products and from payment of board or of instruction or otherwise shall be paid into the Treasury of the United States to the credit of the District of Columbia (*same acts*).

Total, Industrial Home School for Colored Children, District of Columbia	56,300.00	54,250.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Industrial Home School, District of Columbia—		
Salaries: For personal services in accordance with the classification act of 1923, [$21,000] *$21,300*; temporary labor, [$400] *$500*; in all (*acts Mar. 16, 1926, vol. 44, pp. 208–211; Mar. 2, 1927, vol. 44, p. 1326*)	$21,800.00	$21,400.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Salaries:						
Subprofessional service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 8, $2,400 to $3,000; average, $2,700—						
Chief social worker (superintendent)	1	$2,700	1	$2,700	1	$2,500
Grade 4, $1,500 to $1,860; average, $1,680—						
Head gardener					1	1,500
Nurse	1	1,680	1	1,620	1	1,560
Clerical, administrative, and fiscal service—						
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	1	1,620	1	1,560	1	1,500
Custodial service—						
Grade 6, $1,500 to $1,860; average, $1,680—						
Mechanic	1	1,680	1	1,620	1	1,560
Supervisor domestic attendants					1	1,500
Grade 5, $1,320 to $1,680; average, $1,500—						
Junior mechanic	1	1,380	1	1,380	1	1,320
Principal guard	1	1,440	1	1,380	1	1,320
Grade 4, $1,140 to $1,500; average, $1,320—						
Assistant foreman of laborers	1	1,440	1	1,380	1	1,380
Junior domestic attendant	8	1,185	8	1,185	6	1,180
Grade 3, $1,020 to $1,260; average, $1,140—						
Under domestic attendant	4	1,085	4	1,080	4	1,035
Grade 2, $900 to $1,140; average, $1,020—						
Minor domestic attendant	2	930	2	930	1	900
Total average number of employees	21		21		20	
Total salaries		27,620.00		27,300.00		26,079.70
Deduct allowance value of subsistence, lodging, etc., furnished		6,320.00		6,300.00		5,900.00
Cash payment, salaries		21,300.00		21,000.00		20,179.70
Temporary labor		500.00		400.00		399.36
01 Total personal services		21,800.00		21,400.00		20,579.06
The difference between 1929 and 1928 is due to—						
Increase in salary	$300					
Increase in temporary labor	100					
Total increase	400					

	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
For maintenance, including care of horses, purchase and care of wagon and harness (*same acts*)	24,600.00	24,600.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Food and ice	$12,200.00	$12,200.00	$11,656.49
Clothing, dry goods, and shoes	2,500.00	2,500.00	3,123.67
Furniture and household furnishings	2,600.00	2,600.00	2,025.33
Laundry and cleaning supplies	225.00	225.00	336.61
Medical attendance, drugs, dentistry	1,200.00	1,200.00	1,318.55
Stable, farm, and garden	700.00	700.00	551.10
Heat, light, and power	3,625.00	3,625.00	4,470.08
Shop supplies and hardware	795.00	795.00	322.98
Miscellaneous	755.00	755.00	722.19
			24,427.00
Unobligated balance			73.00
Total	24,600.00	24,600.00	24,500.00

	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
For repairs and improvements to buildings and grounds, [$3,000] *$2,000* [: *Provided*, That the unexpended balance of the appropriation of $2,500 contained in the first deficiency act, fiscal year 1926, for "Industrial Home School, repairs and improvements to heating plant," is reappropriated for immediate use for repairs and improvements to buildings and grounds, Industrial Home School] (*same acts*)	3,000.00	3,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Allotment to superintendent of repairs	$750.00	$500.00	$492.06
Labor	1,000.00	1,000.00	1,341.35
Lumber, paints, cement, and other material	1,250.00	500.00	1,129.49
For heating plant		2,500.00	
			2,962.90
Unobligated balance			37.10
Total	3,000.00	4,500.00	3,000.00

Total, Industrial Home School, District of Columbia	49,400.00	49,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Home for Aged and Infirm, District of Columbia—		
Salaries: For personal services in accordance with the classification act of 1923, [$43,000] *$44,200*; temporary labor, $2,000; in all (*acts Mar. 16, 1926, vol. 44, pp. 208–211; Mar. 2, 1927, vol. 44, p. 1326*)	$46,200.00	$45,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Average—		*Average*—		*Average*—	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salaries:						
Subprofessional service—						
Grade 4, $1,500 to $1,860; average, $1,680—						
Nurse	1	$1,500	1	$1,500	1	$1,500
Grade 2, $1,140 to $1,500; average, $1,320—						
Hospital attendants	7	1,233	7	1,182	7	1,174
Clerical, administrative, and fiscal service—						
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant (superintendent)	1	2,700	1	2,700	1	2,600
Grade 5, $1,860 to $2,400; average, $2,100—						
Senior clerk	1	2,100	1	2,100	1	2,000
Custodial service—						
Grade 7, $1,680 to $2,040; average, $1,860—						
Senior mechanic	2	1,860	2	1,860	2	1,800
Grade 6, $1,500 to $1,860; average, $1,680—						
Mechanic	4	1,560	4	1,560	4	1,560
Grade 5, $1,320 to $1,680; average, $1,500—						
Senior domestic attendant	6	1,410	6	1,410	6	1,410
Grade 4, $1,140 to $1,500; average, $1,320—						
Junior domestic attendant	4	1,200	4	1,200	4	1,200
Grade 3, $1,120 to $1,260; average, $1,140—						
Senior laborer	11	1,052	11	1,052	11	1,041
Grade 2, $900 to $1,140; average, $1,020—						
Minor domestic attendants	4	930	4	930	4	930
Special class—						
Physician	1	1,680	1	1,680	1	1,680
Total average number of employees	42		42		42	
Total salaries		55,140.00		54,780.00		54,050.68
Deduct allowance value of subsistence, lodging, etc.		11,780.00		11,820.00		11,820.00
Cash payment, salaries		43,360.00		42,960.00		42,230.68
New positions recommended—						
Subprofessional service—						
Grade 2, $1,140 to $1,500; average, $1,320—						
Hospital attendant ($1,140 less $300 for maintenance)	1	840				
		44,200.00		42,960.00		42,230.68
Temporary labor		2,000.00		2,000.00		2,000.00
01 Total personal services		46,200.00		44,960.00		44,230.68
The difference between 1929 and 1928 is due to—						
Increase in salary	$360					
New position	840					
Total increase	1,200					

For provisions, fuel, forage, harness, and vehicles and repairs to same, ice, shoes, clothing, dry goods, tailoring, drugs, and medical supplies, furniture and bedding, kitchen utensils, and other necessary items, and maintenance of nonpassenger-carrying motor vehicles (*same acts*) 53,000.00 50,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Food	$22,000.00	$20,000.00	$19,826.25
Clothing, dry goods, and shoes	4,000.00	4,000.00	1,657.30
Heat, light, and power	12,000.00	11,000.00	13,876.86
House furnishings	3,000.00	3,000.00	1,412.39
Stable, farm, and garden	8,000.00	8,000.00	9,116.15
Medical supplies	750.00	750.00	460.45
Laundry and cleaning	750.00	750.00	700.00
Miscellaneous	1,500.00	1,500.00	2,550.35
Farm tractors and trucks	1,000.00	1,000.00	2,192.37
			51,792.12
Unobligated balance			207.88
Total	53,000.00	50,000.00	52,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Home for Aged and Infirm, District of Columbia—Continued. For repairs and improvements to buildings and grounds, *such work to be performed by day labor or otherwise in the discretion of the commissioners (acts Mar. 16, 1926, vol. 44, pp. 208–211; Mar. 2, 1927, vol. 44, p. 1326)*	$12,000.00	$4,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Wages: Laborers, $50 to $70 per month, and mechanics, $5 to $8 per day	$2,000.00	$2,000.00	$2,029.51
Paint, cement, and materials	2,000.00	2,000.00	1,966.74
Renewal of roofs	8,000.00		
			3,996.25
Unobligated balance			3.75
Total	12,000.00	4,000.00	4,000.00

[For new laundry equipment] *(same acts)*		15,000.00
Purchase of laundry equipment: Expenditures, 1928, $15,000.		
Total, Home for Aged and Infirm, District of Columbia	111,200.00	114,000.00
Municipal Lodging House, District of Columbia— For personal services in accordance with the classification act of 1923, [$3,300] *$3,360*; maintenance, $3,000; in all (*acts Mar. 16, 1926, vol. 44, pp. 208–211; Mar. 2, 1927, vol. 44, p. 1326*)	6,360.00	6,300.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Salaries:						
Custodial service—						
Grade 6, $1,500 to $1,860; average, $1,680—	*Average—*		*Average—*		*Average—*	
Supervisor of domestic attendants (superintendent)	*No.* 1	*Salary* $1,800	*No.* 1	*Salary* $1,800	*No.* 1	*Salary* $1,740
Grade 4, $1,140 to $1,500; average, $1,320—						
Junior domestic attendant	1	1,260	1	1,200	1	1,140
Grade 3, $1,020 to $1,260; average, $1,140—						
Underdomestic attendant	1	1,140	1	1,140	1	1,080
Total average number of employees	3		3		3	
Total salaries		4,200		4,140		3,930
Deduct allowance value of subsistence, lodging, etc., furnished		840		840		810
01 Cash payment, salaries	3	3,360	3	3,300	3	3,120
The difference between 1929 and 1928 is due to increase in salary, $60.						
Maintenance:						
Food and ice		1,400.00		1,400.00		1,330.24
Furniture and household furnishings		405.00		405.00		124.03
Heat, light, and power		555.00		555.00		462.50
Repairs and materials for same		200.00		200.00		160.24
Laundry and cleaning supplies		350.00		350.00		367.08
Miscellaneous		90.00		90.00		119.62
						5,683.71
Unobligated balance						436.29
Total		6,360.00		6,300.00		6,120.00

Temporary Home for Former Soldiers and Sailors, District of Columbia— For personal services in accordance with the classification act of 1923, [$3,120] *$3,240*; maintenance and repairs to building, $7,500; in all, [$10,620] *$10,740*, to be expended under the direction of the commissioners; and Union ex-soldiers, sailors, or marines of the Civil War, ex-soldiers, sailors, or marines of the Spanish war, Philippine insurrection, or China relief expedition and soldiers, sailors, or marines of the World War, or who served prior to July 2, 1921, shall be admitted to the home, all under the supervision of a board of management (*act Mar. 2, 1927, vol. 44, p. 1326*)	10,740.00	10,620.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Temporary Home for Former Soldiers and Sailors, District of Columbia—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Salaries:						
Custodial service—	*Average—*		*Average—*		*Average—*	
Grade 6, $1,500 to $1,860; average, $1,680—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Supervisor domestic attendant (superintendent)	1	$1,860	1	$1,860	1	$1,860
Grade 3, $1,020 to $1,260; average, $1,140—						
Underdomestic attendants	2	1,140	2	1,080	2	1,050
Total number of employees	3		3		3	
Total salaries		4,140		4,020		3,960
Deduct allowance value of subsistence, lodging, etc., furnished		900		900		900
01 Cash payment, salaries	3	3,240	3	3,120	3	3,060
The difference between 1929 and 1928 is due to promotions amounting to $120.						
Maintenance:						
Food and ice		4,850.00		4,850.00		4,607.39
Clothing, dry goods, and shoes		350.00		350.00		262.72
Heat, light, and power		1,200.00		1,200.00		1,190.92
Furniture and household furnishings		300.00		300.00		446.68
Laundry and cleaning supplies		350.00		350.00		389.48
Repairs		300.00		300.00		
Miscellaneous		150.00		150.00		51.77
						10,008.96
Unobligated balance						51.04
Total		10,740.00		10,620.00		10,060.00

Florence Crittenton Home, District of Columbia—

For care and maintenance of women and children under a contract to be made with the Florence Crittenton Home by the Board of Public Welfare, maintenance (*act Mar. 2, 1927, vol. 44, p. 1327*) $4,000.00 $4,000.00

Women, at $5 per week, and children at $3 per week: Expenditures—1929, $4,000; 1928, $4,000; 1927, $3,466.87.

Southern Relief Society, District of Columbia—

For care and maintenance of needy and infirm Confederate veterans, their widows and dependents, residents in the District of Columbia, under a contract to be made with the Southern Relief Society by the Board of Public Welfare (*act Mar. 2, 1927, vol. 44, p. 1327*) 10,000.00 10,000.00

Care of Confederate veterans, their widows and dependents: Expenditures—1929, $10,000; 1928, $10,000; 1927, $9,973.84.

National Library for the Blind, District of Columbia—

For aid and support of the National Library for the Blind, located at 1800 D Street Northwest, to be expended under the direction of the Commissioners of the District of Columbia (*act Mar. 2, 1927, vol. 44, p. 1327*) 5,000.00 5,000.00

National Library for the Blind: Expenditures—1929, $5,000; 1928, $5,000; 1927, $5,000.

Columbia Polytechnic Institute, District of Columbia—

To aid the Columbia Polytechnic Institute for the Blind, located at 1808 H Street northwest, to be expended under the direction of the Commissioners of the District of Columbia (*act Mar. 2, 1927, vol. 44, p. 1327*) 3,000.00 3,000.00

Care of blind persons, at $25 per month: Expenditures—1929, $3,000; 1928, $3,000; 1927, $1,500.

Hospital for the Insane, District of Columbia—

For support of indigent insane of the District of Columbia in Saint Elizabeths Hospital, as provided by law (*acts Mar. 3, 1879, vol. 20, p. 395, sec. 1; Mar. 2, 1927, vol. 44, p. 1327*) 1,478,250.00 1,200,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Support of indigent insane, at $1.50 per day			$486,440.40
Support of indigent insane, at $1.65 per day	$1,478,250.00	$1,200,000.00	719,095.59
Total			1,205,535.99

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Hospital for the Insane, District of Columbia—Continued.		
For deportation of nonresident insane persons, in accordance with the act of Congress "to change the proceedings for admission to the Government Hospital for the Insane in certain cases, and for other purposes," approved January 31, 1899 (*act Jan. 31, 1899, vol. 30, p. 811, secs. 1–8; Mar. 2, 1927, vol. 44, p. 1327*)	$5,000.00	$5,000.00
In expending the foregoing sum the disbursing officer of the District of Columbia is authorized to advance to the Director of Public Welfare, upon requisitions previously approved by the auditor of the District of Columbia, and upon such security as the commissioners may require of said director, sums of money not exceeding $300 at one time, to be used only for deportation of nonresident insane persons, and to be accounted for monthly on itemized vouchers to the accounting officer of the District of Columbia.		
Deportation of nonresident insane: Expenditures—1929, $5,000; 1928, $5,000; 1927, $4,925.52.		
Relief of the Poor, District of Columbia—		
For medical and surgical supplies, artificial limbs, and for pay of physicians to the poor, to be expended under the direction of the Board of Public Welfare (*act Mar. 2, 1927, vol. 44, p. 1327*)	8,000.00	8,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Medical and surgical supplies	$3,000.00	$3,000.00	$2,307.46
Physicians to the poor	5,000.00	5,000.00	4,040.00
			6,347.46
Unobligated balance			1,652.54
Total	8,000.00	8,000.00	8,000.00

For payment to beneficiaries named in section 3 of "An act making it a misdemeanor in the District of Columbia to abandon or willfully neglect to provide for the support and maintenance by any person of his wife or his or her minor children in destitute or necessitous circumstances," approved March 23, 1906, [$1,000] *$2,000*, to be disbursed by the disbursing officer of the District of Columbia on itemized vouchers duly audited and approved by the auditor of said District (*same act*)	2,500.00	1,000.00
Support of abandoned wives: Expenditures—1929, $2,500; 1928, $1,000; 1927, $1,488.50.		
Burial of Indigent Soldiers, District of Columbia—		
For expenses of burying in the Arlington National Cemetery, or in the cemeteries of the District of Columbia, indigent Union ex-soldiers, ex-sailors, or ex-marines, of the United States service, either Regular or Volunteer, who have been honorably discharged or retired, and who die in the District of Columbia, to be disbursed by the Secretary of War at a cost not exceeding $45 for such burial expenses in each case, exclusive of cost of grave (*act Mar. 2, 1927, vol. 44, p. 1327*)	225.00	225.00
Burial of indigent soldiers: Expenditures—1929, $225; 1928, $225.		
Transportation of Paupers, District of Columbia—		
For transportation of indigent persons, including indigent veterans of the World War and their families (*act Mar. 2, 1927, vol. 44, p. 1328*)	3,500.00	3,000.00
Transportation of paupers: Expenditures—1929, $3,500; 1928, $3,000; 1927, $2,996.84.		
Total, public welfare, District of Columbia	4,636,325.00	3,477,695.00
Militia, District of Columbia—		
For the following, to be expended under the authority and direction of the commanding general, who is hereby authorized and empowered to make necessary contracts and leases, namely:		
For personal services in accordance with the classification act of 1923, $17,140; temporary labor, $7,000; in all (submitted)	24,140.00	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Militia, District of Columbia—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Salaries:						
Clerical, administrative, and fiscal service—	*Average—*		*Average—*		*Average—*	
Grade 7, $2,400 to $3,000; average, $2,700—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Administrative assistant	1	$2,800	1	$2,800	1	$2,700
Grade 5, $1,860 to $2,400; average, $2,100—						
Senior accounting and auditing assistant	1	1,920	0.7	1,920		
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk-stenographer (new position)	1	1,500				
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk-stenographer	1	1,560	1	1,500	1	1,440
Custodial service—						
Grade 6, $1,500 to $1,860; average, $1,680—						
Head guard (accountant and storekeeper)			0.3	1,860	1	1,860
Mechanic	1	1,620	1	1,560	1	1,500
Grade 5, $1,320 to $1,680; average, $1,500—						
Principal guard	1	1,500	1	1,440	1	1,380
Foreman of laborers	1	1,560	0.7	1,560		
Grade 4, $1,140 to $1,500; average, $1,320—						
Assistant foreman of laborers			0.3	1,500	1	1,500
Senior guard	1	1,260	0.7	1,200		
Grade 3, $1,020 to $1,260; average, $1,140—						
Watchmen	3	1,140	3	1,140	3	1,140
Total average number of employees	11		9.7		9	
Total salaries		17,140		15,070		13,777
Temporary labor		7,000		7,700		7,488
01 Total personal services		24,140		22,770		21,265

For expenses of camps, including hire of horses for officers required to be mounted, [and such hire not to be deducted from their mounted pay,] and for the payment of commutation of subsistence for enlisted men who may be detailed to guard or move the United States property at home stations on days immediately preceding and immediately following the annual encampments, damages to private property incident to encampments, instruction, purchase and maintenance of athletic, gymnastic, and recreational equipment at armory or field encampments, not to exceed $500, practice marches, [and practice cruises,] drills and parades, rent of armories, drill halls, and storehouses, fuel, light, heat, care and repair of armories, offices, and storehouses, [practice ships, boats,] machinery and dock, dredging alongside of dock, *construction of buildings for storage and other purposes at target range*, telephone service, horses and mules for mounted organizations, *maintenance and operation of passenger and nonpassenger motor vehicles*, street-car fares (not to exceed $200) necessarily used in the transaction of official business, not exceeding $400 for traveling expenses, including attendance at meetings or conventions of associations pertaining to the National Guard, and for general incidental expenses of the service (*act Mar. 2, 1927, vol. 44, p. 1328*) $12,780.00 $35,550.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Expenses of camps	$200.00	$200.00	$206.27
Fuel	300.00	300.00	310.25
Light	300.00	300.00	383.47
Care and repair of armories	300.00	300.00	3,152.29
Telephone service	480.00	480.00	589.32
Parades and training	400.00	400.00	454.15
Athletics and recreation	300.00	300.00	401.30
Incidental expenses	500.00	500.00	1,040.17
Rents, including reimbursement to Government hotels	10,000.00	10,000.00	8,596.60
	12,780.00	12,780.00	15,133.82
Salaries and wages carried in this appropriation for 1927 and 1928		22,770.00	21,266.18
Total	12,780.00	35,550.00	36,400.00

For printing, stationery, and postage (*same act*) 750.00 750.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Printing	$250.00	$250.00	$222.90
Stationery	250.00	250.00	227.10
Postage	250.00	250.00	300.00
Total	750.00	750.00	750.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Militia, District of Columbia—Continued.		
For cleaning and repairing uniforms, arms and equipments, and contingent expenses (*act Mar. 2, 1927, vol. 44, p. 1328*)	$1,200.00	$1,200.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Cleaning	$300.00	$300.00	$61.31
Repairing	400.00	400.00	255.71
Contingent expenses	500.00	500.00	882.08
Total	1,200.00	1,200.00	1,200.00

For expenses of target practice matches, *including matches held outside of the District of Columbia and travel incident thereto* (*same act*)	2,500.00	2,500.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Target practice and supplies	$1,800.00	$1,800.00	$1,668.86
Matches	700.00	700.00	831.14
Total	2,500.00	2,500.00	2,500.00

For pay of troops other than Government employees, to be disbursed under the authority and direction of the commanding general (*same act*)	9,000.00	9,000.00
Pay of troops: Expenditures—1929, $9,000; 1928, $9,000; 1927, $8,423.05.		
Total, militia	50,370.00	49,000.00
Reclamation of Anacostia River Flats, District of Columbia—		
For continuing the reclamation and development of Anacostia Park, in accordance with the revised plan as set forth in Senate Document Numbered 37, Sixty-eighth Congress, first session, [$217,500] *$180,000,* [of which amount $125,000 shall be available for expenditure below Benning Bridge, and not more than $92,500 shall be available immediately for the purchase of necessary land above Benning Bridge: *Provided,* That the purchase price of any site or sites acquired hereunder shall not exceed the full value assessment last made before purchase thereof plus 25 per centum of such assessed value] (*U. S. C., p. 1295, sec. 94; act Mar. 2, 1927, vol. 44, p. 1328*)	180,000.00	217,500.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average*—		*Average*—		*Average*—	
Salary range, $3,800 to $5,000; average, $4,400—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Assistant engineer					0.3	$4,000
Engineer	1	$4,000	1	$4,000	0.3	4,000
Salary range, $3,000 to $3,600; average, $3,300—						
Chief clerk					0.1	3,000
Associate engineer					0.3	3,000
Salary range, $2,400 to $3,000; average, $2,700—						
Junior engineer	1	2,200	1	2,200	0.2	2,619
Assistant engineer	1	2,700	1	2,700	1.3	2,538
Overseer					0.1	2,500
Clerk					0.1	2,400
Salary range, $2,100 to $2,700; average, $2,400—						
Draftsman	1	2,100	2	2,100	0.3	2,121
Surveyor			1	2,100	0.5	2,100
Inspector and overseer	1	2,200	1	2,200	1.4	2,257
Clerk					0.1	2,188
Dredge mate and dredge engineer	1	2,400	1	2,100	0.4	2,116
Principal draftsman					0.8	2,100
Senior accountant					0.1	2,200
Salary range, $1,860 to $2,400; average, $2,100—						
Junior engineer	1	2,100			0.6	2,292
Inspector, overseer and foreman	2	1,920	2	1,920	1.9	1,947
Machinist	1	2,040	1	2,040	0.3	2,052
Carpenter	1	1,878			0.8	2,115
Stonemason	3	1,878	2	1,878	0.4	2,207
Timekeeper					0.1	2,000
Survey man					0.3	2,040
Clerk					0.2	2,063
Salary range, $1,680 to $2,040; average, $1,860—						
Inspector and foreman	1	1,800	1	1,800	2.1	1,663
Caulker					0.4	1,768
Clerk					0.3	1,759
Carpenter					0.7	2,000

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Reclamation of Anacostia River Flats, District of Columbia—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service—Continued.						
Salaries and wages—Continued.	*Average—*		*Average—*		*Average—*	
Salary range, $1,500 to $1,860; average, $1,680—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Inspector and foreman	2	$1,500	1	$1,500	2.1	$1,570
Acetylene welder					0.3	1,590
Blacksmith	1	1,620	1	1,620	0.3	1,629
Machinist					0.4	1,520
Surveyman	1	1,500	1	1,500	0.2	1,562
Dredge engineer, dredge mate, and leverman					0.5	1,696
Engineman					0.2	1,688
Timekeeper					0.1	1,689
Clerk	1	1,620			0.5	1,620
Oiler					0.1	1,500
Gasoline engineer	1	1,620	1	1,620	0.1	1,687
Salary range, $1,320 to $1,680; average, $1,500—						
Inspector and foreman	1	1,380	1	1,380	1.1	1,439
Chauffeur	1	1,380	1	1,380	0.6	1,500
Machinist					0.3	1,448
Handyman			1	1,440	0.3	1,327
Engineman	1	1,320			0.5	1,500
Surveyman					0.1	1,375
Clerk					0.2	1,413
Leadsman					0.2	1,438
Dredge mate and leverman					0.5	1,500
Laborer	1	1,380	1	1,380	0.6	1,439
Gasoline engineer					0.4	1,375
Oiler					0.4	1,463
Caulker	1	1,380	1	1,380	1.1	1,390
Salary range, $1,140 to $1,500; average, $1,320—						
Handyman			1	1,260	0.5	1,231
Deckhand and leadsman	1	1,140	2	1,140	1.5	1,200
Stoker					0.1	1,170
Laborer	2	1,260	2	1,260	1.9	1,359
Caulker			1	1,260		
Salary range, $1,020 to $1,260; average, $1,140—						
Deckhand	1	1,080	1	1,080	2.2	1,078
Stoker	1	1,080	1	1,080	0.8	1,100
Laborer	6	1,110	7	1,110	2.5	1,264
Messenger					0.3	1,031
Salary range, $900 to $1,140; average, $1,020—						
Laborer					0.4	926
Salary range, $780 to $1,020; average, $900—						
Laborer	1	840	1	840	1.2	845
Temporary employees (designation omitted)	2	894	1	814		
Total average number of employees	45		40		35.5	
Total salaries and wages		64,200.00		63,100.00		59,050.74
The difference between 1929 and 1928 is due to increase in force, $1,100.						
Deduct allowance value of quarters, subsistence, etc., furnished		200.00		100.00		61.51
Cash payment, salaries and wages		64,000.00		63,000.00		59,019.23
Deduct expenditures for personal services included in objects named below		58,500.00		53,000.00		52,786.08
01 Net salaries and wages		5,500.00		10,000.00		6,233.15
Supplies and materials:						
0200 Stationery and office supplies		120.00		300.00		295.05
0220 Scientific and educational supplies		5.00		10.00		5.00
0280 Sundry supplies		20.00		35.00		30.59
0290 Materials		180.00		400.00		375.01
02 Total supplies and materials		325.00		745.00		705.65
05 Communication service		180.00		200.00		182.85
06 Travel expense		200.00		1,100.00		1,051.54
07 Transportation of things (service)		150.00		200.00		180.44
Printing, engraving, lithographing, etc.—						
0810 Lithographing, engraving, and engrossing		50.00		200.00		201.17
0830 Photographing and making photographs and prints		80.00		200.00		120.74
08 Total printing, engraving, lithographing, etc		130.00		400.00		321.91
09 Advertising and publication of notices (service)		20.00		35.00		32.32
11 Rents		380.00		500.00		627.75
12 Repairs and alteration		300.00		400.00		375.36
13 Special and miscellaneous current expenses		200.00		425.00		398.50
Equipment:						
3010 Furniture, furnishings, and fixtures		50.00		90.00		85.04
3020 Educational, scientific, and recreational equipment		15.00		20.00		18.18
3050 Other equipment		1,500.00		3,000.00		65,405.58
30 Total equipment		1,565.00		3,110.00		65,508.80
31 Land and interests in land				115,000.00		19,460.65
32 Other structures		171,050.00		133,738.00		150,504.60
Total		180,000.00		265,853.00		245,583.52

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
PUBLIC BUILDINGS AND PUBLIC PARKS		
Salaries, Public Parks, District of Columbia—		
For personal services in accordance with the classification act of 1923 (*U. S. C., p. 1288, sec. 2; act Mar. 2, 1927, vol. 44, p. 1328*)	$360,000.00	$347,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 4, $3,800 to $5,000; average, $4,400—						
Engineer	5	$3,920	5	$3,920	4	$3,950
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate engineer					1	3,800
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant engineer	4	2,400	4	2,400	2	2,400
Grade 1, $1,860 to $2,400; average, $2,100—						
Junior engineer					2	1,860
Subprofessional service—						
Grade 8, $2,400 to $3,000; average, $2,700—						
Assistant director of gardens (assistant division chief)	1	2,400	1	2,400	1	2,400
Chief engineering draftsman	1	2,400	1	2,400	1	2,400
Chief engineering inspector	1	2,400	1	2,400		
Grade 7, $2,100 to $2,700; average, $2,400—						
Principal engineering inspector					1	2,400
Principal engineering draftsman	1	2,400	1	2,400	1	2,400
Grade 6, $1,860 to $2,400; average, $2,100—						
Senior engineering draftsman	1	1,860	1	1,860	1	1,860
Senior foreman gardener	3	1,920	3	1,920	3	1,920
Grade 5, $1,680 to $2,040; average, $1,860—						
Engineering draftsman	1	1,680	1	1,680	1	1,680
Grade 4, $1,500 to $1,860; average, $1,680—						
Head gardener	9	1,540	9	1,520	9	1,500
Grade 3, $1,320 to $1,680; average, $1,500—						
Gardener	5	1,383	5	1,380	5	1,360
Grade 2, $1,140 to $1,500; average, $1,320—						
Assistant gardener	21	1,230	21	1,227	21	1,220
Clerical, administrative, and fiscal service—						
Grade 9, $3,000 to $3,600; average, $3,300—						
Senior administrative officer (disbursing clerk)	1	3,000	1	3,000	1	3,000
Grade 8, $2,700 to $3,300; average, $3,000—						
Administrative assistant (assistant division chief)	1	3,000	1	3,000	1	3,000
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant (section chief)	1	2,400	1	2,400	1	2,400
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk (section chief)	1	2,200	1	2,200	1	2,100
Grade 5, $1,860 to $2,400; average, $2,100—						
Senior clerk	2	1,980	2	1,980	2	1,920
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	1	1,800	1	1,800	1	1,800
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	6	1,590	6	1,590	6	1,560
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	1	1,320	1	1,320	1	1,320
Custodial service—						
Grade 10, $2,400 to $3,000; average, $2,700—						
Chief mechanical superintendent (section chief)	1	2,600	1	2,600	1	2,500
Grade 9, $2,100 to $2,700; average, $2,400—						
Assistant mechanical superintendent (division foreman)	4	2,200	4	2,200	4	2,150
Grade 8, $1,860 to $2,400; average, $2,100—						
Principal mechanic	5	2,130	5	2,124	5	2,123
Grade 7, $1,680 to $2,040; average, $1,860—						
Senior mechanic	3	1,821	3	1,820	3	1,820
Grade 6, $1500 to $1,860; average, $1,680—						
Mechanic	36	1,575	36	1,559	36	1,553
General foreman of laborers	12	1,565	12	1,560	12	1,560
Grade 5, $1,320 to $1,860; average, $1,500—						
Junior mechanic	4	1,390	4	1,388	4	1,382
Foreman of laborers	4	1,375	4	1,370	4	1,365
Grade 4, $1,140 to $1,500; average, $1,320—						
Undermechanic	4	1,250	4	1,240	4	1,220
Assistant foreman of laborers	10	1,245	10	1,238	10	1,230
Grade 3, $1,020 to $1,260; average, $1,140—						
Minor mechanic	15	1,045	15	1,040	15	1,030
Senior laborer	31	1,098	31	1,098	31	1,090
Grade 2, $900 to $1,140; average, $1,020—						
Junior laborer	69	940	49	940	59	940
Total average number of employees	265		245		255	
Total salaries, departmental service		368,000.00		348,060.00		354,431.50
Deduct reimbursement for work done for other departments		8,000.00		8,000.00		18,073.80
01 Total personal services		360,000.00		340,060.00		336,357.70
Unobligated balance						5,772.30
Reserve				6,940.00		
Total		360,000.00		347,000.00		342,130.00
The difference between 1929 and 1928 is due to—						
Increase in force	$9,400					
Increase in salaries	3,600					
Total increase	13,000					

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
General Expenses, Public Parks, District of Columbia—		
General expenses: For general expenses in connection with the maintenance, are, improvement, furnishing of heat, light, and power of public parks, grounds, fountains, and reservations, propagating gardens[,] and greenhouses under the jurisdiction of the Office of Public Buildings and Public Parks of the National Capital, including $5,000 for the maintenance of the tourists' camp on its present site in East Potomac Park, and including personal services of seasonal or intermittent employees at per diem rates of pay approved by the director, not exceeding current rates of pay for similar employment in the District of Columbia; the hire of draft animals with or without drivers at local rates approved by the director; *the purchase and maintenance of draft animals, harness, and wagons;* contingent expenses; city directories; communication service; car fare; traveling expenses; professional, scientific, technical, and law books; periodicals and reference books; blank books and forms; photographs; dictionaries and maps; leather and rubber articles for the protection of employees and property; the maintenance, repair, exchange, and operation of not to exceed four motor-propelled passenger-carrying vehicles and all necessary bicycles, motor cycles, and self-propelled machinery; the purchase, maintenance, and repair of equipment and fixtures, *and so forth; and not to exceed $1,500 for the purchase and exchange of a motor-propelled passenger-carrying vehicle,* [and so forth, $358,000] *$425,000*[, together with the sum of $77,000 of the unobligated balance of the appropriation "Street Improvements, District of Columbia, 1925," which is hereby reappropriated]: *Provided,* That not exceeding [$30,000] *$35,000* of the amount herein appropriated may be expended for placing and maintaining portions of the parks in condition for outdoor sports, [; the operation, care, repair, and maintenance of the pumps which operate the fountains in Union Station Plaza;] *and for* expenses incident to the conducting of band concerts in the parks; not exceeding [$35,000] *$25,000* for the improvement and maintenance as recreation parks of Sections C and D, Anacostia Park [between Pennsylvania Avenue and Anacostia Bridge]; not exceeding [$50,000] *$125,000* for the improvement of the Rock Creek and Potomac connecting parkway *and the continuation of construction of the sea wall;* [not exceeding $95,000 for the improvement of Meridian Hill Park, including continuation of construction of the wall and main entrance on Sixteenth Street, the wall on Fifteenth Street, and commencement of construction of the wall on W Street, from Fifteenth Street to Sixteenth Street, together with entrances to the park, and grading, all in accordance with plans to be approved by the Fine Arts Commission] and not exceeding [$12,500] *$10,000* for the erection of minor auxiliary structures, *of which amount not to exceed $5,000 shall be available toward the erection of a public comfort station and shelter on public land at Seventeenth Street and Pennsylvania Avenue, Southeast, subject to contribution being made by a local street railway company in an amount of not less than $2,500 for expenditure by the Director of Public Buildings and Public Parks to meet part of the cost of this project: Provided further,* That not to exceed $5,000 may be expended by contract or otherwise for architectural or other professional services without reference to the Classification Act of 1923 or civil-service rules, as approved by the director (*U. S. C., p. 1288, sec. 2; act Mar. 2, 1927, vol. 44, p. 1329*)	$425,000.00	$358,000.00

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Field service:						
	Salaries and wages—	*Average—*		*Average—*		*Average—*	
	Salary range, $1,500 to $1,860; average, $1,680—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Mechanic	10	$1,643	10	$1,643	10	$1,641
	Salary range, $1,320 to $1,680; average, $1,500—						
	Junior mechanic	4	1,341	4	1,341	4	1,340
	Salary range, $1,020 to $1,260; average, $1,140—						
	Senior laborer	30	1,101	30	1,101	34	1,101
	Salary range, $900 to $1,140; average, $1,020—						
	Laborer	96	1,006	96	1,006	141	1,006
	Total number of employees	140		140		189	
01	Total personal services		151,400.00		151,400.00		201,050.75
	Supplies and materials:						
0200	Stationery and office supplies		1,000.00		1,000.00		1,029.35
0220	Scientific and educational supplies		115.00		115.00		115.21
0231	Coal		6,350.00		6,350.00		6,345.33
0234	Gas		4,285.00		4,285.00		4,284.62
0280	Sundry supplies		35,900.00		35,900.00		35,896.34
0290	Materials (stock)		17,020.00		17,020.00		17,021.72
02	Total supplies and materials		64,670.00		64,670.00		64,692.57

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

General Expenses, Public Parks, District of Columbia—Continued.

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
05	Communication service	$860.00	$860.00	$862.61
06	Traveling expenses	46.00	46.00	46.23
07	Transportation of things (services)	21,910.00	21,910.00	21,910.66
08	Photographs	445.00	445.00	445.98
09	Advertising	18.00	18.00	18.24
10	Furnishing of heat, light, and power (1030 electricity)	30,143.00	30,143.00	30,143.61
12	Repairs and alterations	15,925.00	15,925.00	15,924.39
13	Special and miscellaneous current expenses	635.00	635.00	634.23
	Equipment:			
	3000 Passenger-carrying vehicles	2,155.00	4,155.00	916.75
	3010 Furniture, furnishings, and fictures	748.00	748.00	747.48
	3050 Other equipment	17,370.00	17,370.00	17,369.80
30	Total equipment	20,273.00	22,273.00	19,034.03
32	Structures and parts and nonstructural improvements to land	130,675.00	129,700.00	30,701.09
		437,000.00	438,025.00	385,464.39
	Deduct reimbursement for work done for other departments	12,000.00	12,000.00	51,355.01
		425,000.00	426,025.00	334,109.38
	Unobligated balance			550.62
	Total	425,000.00	426,025.00	334,660.00

[For the construction of two bathing pools in pursuance of the act entitled "An act for the establishment of artificial bathing pools or beaches in the District of Columbia," approved May 4, 1926 (Forty-fourth Statutes, page 394), to be available immediately, $150,000: *Provided*, That not to exceed $2,500 may be expended by contract or otherwise for consulting engineering and other professional services without reference to the classification act of 1923 or civil-service rules, at rates approved by the director] (*U. S. C., p. 1288, sec. 2; act Mar. 2, 1927, vol. 44, p. 1329*) $150,000.00

32 Structures and parts and nonstructural improvements to land: Expenditures—1928, $150,000.

[For repairing and continuing the construction of a sea wall in the Potomac River between the north boundary line of Potomac Park and the north building line of G Street] (*same acts*) 25,000.00

32 Structures and parts and nonstructural improvements to land: Expenditures—1928, $25,000.

Salaries, Park Police, District of Columbia—

Salaries: For pay and allowances of the United States park police force, in accordance with the act approved May 27, 1924, as amended (*U. S. C., p. 1288, sec. 2; act Mar. 2, 1927, vol. 44, p. 1330*) $143,300.00 140,406.00

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
		Average—		*Average*—		*Average*—	
	Salaries:	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Captain	1	$3,000	1	$3,000		
	Lieutenant	1	2,700	1	2,700	1	$2,700
	First sergeant	1	2,400	1	2,400	1	2,400
	Sergeant	5	2,300	5	2,300	5	2,300
	Privates of classes 1, 2, and 3	46	2,000	44	2,000	44	2,000
		9	1,800	6	1,800	4	1,800
		7	1,700	9	1,700	6.8	1,700
	Total average number of employees	70		67		61.8	
	Total salaries		139,700.00		133,700.00		123,369.00
	Promotions to classes 2 and 3		360.00		778.00		392.68
	Allowance for motor vehicle for superintendent		480.00		480.00		480.00
	Additional compensation for motor-cycle detail		2,760.00		2,640.00		2,398.34
	Total		143,300.00		137,598.00		126,631.02
	Unobligated balance						814.98
	Reserve				2,808.00		
01	Total personal services		143,300.00		140,406.00		127,446.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Uniforms and Equipment, Park Police, District of Columbia— For uniforming and equipping the United States park police force, including the purchase, issue, operation, maintenance, repair, exchange, and storage of revolvers, bicycles, motor cycles, [and the purchase and issue of] uniforms, and ammunition *and including the operation and maintenance of two passenger-carrying motor vehicles* (*U. S. C., p. 1288, sec. 2; act Mar. 2, 1927, vol. 44, p. 1330*)	$14,000.00	$13,000.00

		Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Supplies and materials:			
0200	Stationery and office supplies	$165.00	$165.00	$163.07
0230	Fuel	1,240.00	1,240.00	660.00
0240	Wearing apparel and sewing supplies	6,580.00	6,298.00	5,654.34
02	Total supplies and materials	7,985.00	7,703.00	6,477.41
12	Repairs and alterations	1,594.00	1,067.00	596.76
	Equipment:			
3000	Passenger-carrying vehicles	4,130.00	4,130.00	4,230.00
3050	Other equipment	291.00	100.00	75.26
30	Total equipment	4,421.00	4,230.00	4,305.26
	Total	14,000.00	13,000.00	11,379.43
	Unobligated balance			70.57
	Total	14,000.00	13,000.00	11,450.00

Total, public buildings and public parks	942,300.00	1,033,406.00

The unexpended balance of the appropriation, contained in the "second deficiency act, fiscal year 1926," for continuing the acquisition of lands for a connecting parkway between Potomac Park, Zoological Park, and Rock Creek Park, *shall remain available until June 30, 1929.*

National Capital Park and Planning Commission, District of Columbia— For each and every purpose requisite for and incident to the work of the National Capital Park and Planning Commission as authorized by the act entitled "An act providing for a comprehensive development of the park and playground system of the National Capital," approved June 6, 1924, as amended, including *not to exceed $100 for technical books and periodicals*, not to exceed [$33,000] *$40,000* for personal services in the District of Columbia in accordance with the classification act of 1923, and the act approved April 30, 1926 (Forty-fourth Statutes at Large, page 374), and not to exceed [$200] *$3,500* for printing and binding, $600,000, *to be available immediately and* to remain available until expended: *Provided*, That not more than $150,000 of this appropriation shall be available for the purchase of sites without limitation as to price based on assessed value and that the purchase price to be paid for any site out of the remainder of the appropriation shall not exceed the full value assessment of such property last made before purchase thereof plus 25 per centum of such assessed value.

[In addition to the foregoing appropriation for the National Capital Park and Planning Commission there is reappropriated, subject to the limitation as to price carried in such appropriation which may be paid for property acquired for park and playground purposes, the sum of $180,000 of the unobligated balance of the appropriation "Metropolitan police, District of Columbia, 1925," and the sum of $120,000 of the unobligated balance of the appropriation "Fire department, District of Columbia, 1925," and the total sum made available by this act for the National Capital Park and Planning Commission shall be available immediately] (*U. S. C., p. 1292, sec. 71; p. 2089, sec. 71; act Mar. 2, 1927, vol. 44, p. 1330*) 600,000.00 600,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Grade 4, $3,800 to $5,000; average, $4,400—						
Administrative officer	1	$4,400	1	$4,400	1	$4,400
City planner	1	4,000	1	3,800	1	3,800
Grade 3, $3,000 to $3,600; average, $3,300—						
Landscape architect	2	3,100	1	3,100	1	3,000
Grade 1, $1,860 to $2,400; average, $2,100—						
Junior landscape architect	1	1,920	1	1,860	2	1,860

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

National Capital Park and Planning Commission, District of Columbia—Con.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service—Continued.						
Salaries—Continued.						
Subprofessional service—	*Average—*		*Average—*		*Average—*	
Grade 7, $2,100 to $2,700; average, $2,400—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Principal engineering draftsman	2	$2,200	1	$2,300	1	$2,200
Grade 6, $1,860 to $2,400; average, $2,100—						
Senior engineering draftsman	2	1,920	2	1,860	2	1,860
Grade 5, $1,680 to $2,040; average, $1,860—						
Engineering draftsman	3	1,740	2	1,740	1	1,740
Clerical, administrative, and fiscal service—						
Grade 5, $1,860 to $2,400; average, $2,100—						
Senior clerk	1	1,920	1	1,920	1	1,860
Grade 3, $1,500 to $1,860; average, $1,680—						
Clerk-stenographer	1	1,620	1	1,620		
Services of technical experts		6,480		7,984		10,176
Total average number of employees	14		11		10	
01 Total salaries, departmental service		40,000.00		34,184.00		34,616.39
02 Supplies and materials		1,400.00		1,200.00		1,405.85
05 Communication service		20.00		20.00		20.09
06 Traveling expenses		2,000.00		2,000.00		1,771.65
08 Printing and binding		3,500.00		240.00		159.82
13 Miscellaneous services and current expenses		1,560.00		1,560.00		1,566.18
30 Furniture, furnishings, and fixtures		300.00		300.00		836.10
31 Land and interests in land		551,280.00		1,161,021.71		281,754.07
Total		600,000.00		[1] 1,200,525.71		322,130.15

[1] Unobligated balance of continuing appropriation on June 30, 1927, including the $900,000 appropriated in annual act for 1928.

National Zoological Park, District of Columbia—

For roads, walks, bridges, water supply, sewerage, and drainage; grading, planting, and otherwise improving the grounds, erecting and repairing buildings and inclosures; care, subsistence, purchase, and transportation of animals; necessary employees; traveling and incidental expenses not otherwise provided for, including maintenance and operation of one motor-propelled passenger-carrying vehicle required for official purposes; not exceeding $2,500 for purchasing and supplying uniforms to park police, keepers and assistant keepers; not exceeding $100 for the purchase of necessary books and periodicals, [$175,000] *$180,000*, no part of which sum shall be available for architect's fees or compensation (*acts Apr. 30, 1890, vol. 26, p. 78, sec. 1; Mar. 2, 1927, vol. 44, p. 1330*) $180,000.00 $175,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Departmental service:						
Salaries—						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
Grade 5, $5,200 to $6,000; average, $5,600—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Senior scientist (director)	1	$5,200	1	$5,200	1	$5,200
Grade 4, $3,800 to $5,000; average, $4,400—						
Scientist (assistant director)	1	4,200	1	4,000	1	4,000
Clerical, administrative, and fiscal service—						
Grade 7, $2,400 to $3,000; average, $2,700—						
Senior administrative assistant (deputy disbursing agent)	1	2,800	1	2,700	1	2,600
Grade 5, $1,860 to $2,400; average, $2,111—						
Senior clerk (property clerk)	1	2,300	1	2,200	1	2,200
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk-stenographer	0.1	1,860	0.1	1,860	0.1	1,740
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	1	1,560	1	1,500	1	1,395
Junior clerk-stenographer	1	1,380	1	1,320	1	1,390
Custodial service—						
Grade 10, $2,400 to $3,000; average, $2,700—						
Chief mechanical superintendent (head keeper)	1	3,000	1	3,000	1	2,900
Grade 8, $1,860 to $2,400; average, $2,111—						
Principal mechanic (chief of construction and engineer)	1	2,200	1	2,100	1	2,000
Grade 6, $1,500 to $1,860; average, $1,680—						
General foreman of laborers (gardener)	1	1,680	1	1,680	1	1,680
Head guard (sergeant of park police; assistant to head keeper)	3	1,680	3	1,680	3	1,637
Mechanic (machinist)	2	1,680	2	1,620	2	1,560
Grade 5, $1,320 to $1,680; average, $1,500—						
Foreman of laborers (foreman of park construction)	1	1,500	1	1,500	1	1,500
Junior mechanic	4	1,500	4	1,470	4	1,448
Principal guard (park policeman; keeper)	32	1,495	31	1,494	31	1,484

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

National Zoological Park, District of Columbia—Continued.

		Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
	Departmental service—Continued.						
	Salaries—Continued.						
	Custodial service—Continued.	*Average—*		*Average—*		*Average—*	
		No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
	Grade 4, $1,140 to $1,500; average, $1,320—						
	Undermechanic	5	$1,260	3	$1,320	3	$1,300
	Senior guard (assistant keeper)	4	1,320	4	1,260	4	1,170
	Grade 3, $1,020 to $1,260; average, $1,140—						
	Senior laborer	12	1,140	12	1,140	12	1,120
	Guard (watchman)	2	1,140	2	1,140	2	1,065
	Grade 2, $900 to $1,140; average, $1,020—						
	Junior laborer	4	1,020	4	1,020	4	1,020
	Minor domestic attendant	1	960	1	960	1	960
	Laborer, temporary, per diem, $2.50 to $3.25	8		8		10	
	Total average number of employees	87.1		84.1		86.1	
	Total salaries and wages		128,795		123,830		124,330
	Deduct expenditures for personal services included in objects named below		6,500		6,500		9,200
01	Net personal services		122,295		117,330		115,130
	Supplies and materials:						
0200	Stationery and office supplies		100.00		100.00		42.90
0210	Medical supplies		150.00		150.00		30.00
0230	Fuel						
0231	Coal		5,500.00		4,000.00		3,097.00
0233	Gasoline and kerosene		500.00		450.00		460.77
0240	Wearing apparel (including uniforms for police, keepers, and assistant keepers)		2,500.00		2,500.00		742.77
0250	Forage and other food for animals		29,000.00		28,000.00		28,200.00
0280	Sundry supplies		1,500.00		1,500.00		1,300.00
0290	Materials		750.00		750.00		890.59
02	Total supplies and materials		40,000.00		37,450.00		34,764.03
04	Shoeing, etc., of horses		150.00		150.00		151.50
	Communication service:						
0500	Telegraph service		30.00		30.00		27.26
0510	Telephone service		280.00		280.00		284.12
0520	Other communication service		10.00		10.00		9.50
05	Total communication service		320.00		320.00		320.88
06	Travel expenses		200.00		200.00		68.48
07	Transportation of things		1,800.00		1,800.00		934.64
10	Furnishing of light and power		750.00		700.00		689.00
	Repairs and alterations:						
1200	Repairs to buildings, etc		1,260.00		2,000.00		4,200.00
1210	Repairs to surfacings (roads, etc.)		2,000.00		3,000.00		1,230.00
1280	Repairs to machinery, etc		600.00		500.00		1,066.00
1290	Miscellaneous repairs		100.00		100.00		88.84
12	Total repairs and alterations		3,960.00		5,600.00		6,584.84
13	Special services		50.00		50.00		13.00
	Equipment:						
3002	Passenger-carrying motor vehicle						750.00
3010	Furniture, office equipment, etc		50.00		50.00		
3021	Educational equipment (zoological garden stock and library)		6,000.00		5,900.00		3,400.00
3051	Heating, electrical, etc., equipment		575.00		200.00		1,550.00
3052	Construction and repair equipment		100.00		100.00		108.30
3053	Transportation equipment		500.00		200.00		1,826.00
3057	Cleaning equipment		100.00		100.00		116.00
3059	Special and miscellaneous equipment		150.00		150.00		184.00
30	Total equipment		7,475.00		6,700.00		7,934.30
	Structures and nonstructural improvements to land:						
3211	Buildings, etc		1,000.00		1,200.00		1,460.00
3212	Surfacings (roads and walks)		1,000.00		1,500.00		2,000.00
3220	Nonstructural improvements		1,000.00		2,000.00		2,800.00
32	Total structures, etc		3,000.00		4,700.00		6,260.00
	Total		180,000.00		175,000.00		172,850.67

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Building for Birds, National Zoological Park, District of Columbia—		
[For completing the construction of public exhibition building for birds] (*act Mar. 2, 1927, vol. 44, p. 1330*)		$53,000.00
Construction of bird house: Expenditures—1928, $53,000.		
[For the construction and equipment of exhibition cages within and around the exterior of public exhibition building for birds] (*same act*)		25,000.00
Construction and equipment of cages: Expenditures—1928, $25,000.		
Total, National Zoological Park	$180,000.00	253,000.00
Total, District of Columbia, excluding water service and permanent and indefinite appropriations	36,181,836.00	34,354,675.00
WATER SERVICE		
[Except as hereinafter specified,] The following sums are appropriated wholly out of the revenues of the water department for expenses of the Washington Aqueduct and its appurtenances and for expenses of water department, namely:		
Washington Aqueduct, District of Columbia—		
For operation, including salaries of all necessary employees, maintenance and repair of *the* Washington Aqueducts and *their* [its] accessories, *including Dalccarlia, Georgetown,* McMillan Park, *First, Second, and Third High Service* Reservoirs, Washington Aqueduct tunnel, the filtration plants, *the pumping plants, and* the plant for the preliminary treatment of the water supply; *ordinary repairs, grading, opening ditches, and other maintenance of Conduit Road,* purchase, installation, and maintenance of water meters on Federal services; *purchase care, repair, and operation of* vehicles, *including the purchase and exchange of one passenger-carrying motor vehicle at a cost not to exceed $1,200; purchase and repair of* rubber boots and protective apparel; and for each and every purpose connected therewith (*U. S. C., p. 1291, secs. 45, 54; act Mar. 2, 1927, vol. 44, p. 1331*).		
[For ordinary repairs, grading, opening ditches, and other maintenance of Conduit Road, $5,000] (*same acts*)	425,000.00	197,210.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service:						
Salaries and wages—	*Average—*		*Average—*		*Average—*	
	No.	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Salary range, $5,200 to $6,000; average, $5,600—						
Senior engineer	1	$6,000				
Salary range, $3,800 to $5,000; average, $4,400—						
Superintendent	2	4,200	1	$3,800	1	$3,800
Salary range, $3,000 to $3,600; average, $3,300—						
Associate engineer	1	3,400				
Chief clerk	1	3,000				
Salary range, $2,400 to $3,000; average, $2,700—						
Chief chemist					0.2	2,900
Chief chemist	1	2,700	1	2,700	0.8	2,700
Assistant superintendent	2	2,400	1	2,400		
Chief steam engineer	1	2,600	1	2,600	1	2,600
Special officer	1	2,600	1	2,600	0.9	2,600
Special officer					0.1	2,460
Filter operator	1	2,400				
Pump operator	1	2,400				
Clerk	1	2,400				
Salary range, $2,100 to $2,700; average, $2,400—						
Clerk	3	2,100			0.1	2,100
First assistant steam engineer	1	2,200	1	2,200	1	2,200
First assistant chemist	1	2,100	1	2,100	1	2,100
Cost accountant	1	2,100				
Draftsman	1	2,200				
Mechanic	1	2,100				
Salary range, $1,860 to $2,400; average, $2,100—						
Inspector			2	1,920	0.3	1,920
Clerk					0.1	2,040
Inspector					0.7	2,040
Second assistant steam engineer	1	1,860	1	1,860	1	1,860
Clerk	2	1,920				
Machinist	1	1,860			1	1,860
Blacksmith	1	1,860			0.6	1,860
Engineman and chauffeur	1	1,860	1	1,860	0.3	1,860
Special officer	1	1,980	1	1,980	1	1,980
Pump operator	3	2,000				
Electrician	1	2,000				
Mechanic	1	1,860	1	1,860	1	1,860
Carpenter	1	1,920				
Painter	1	1,860	1	1,860	1	1,860
Salary range, $1,680 to $2,040; average, $1,860—						
Third assistant steam engineer	1	1,680	1	1,680	1	1,680
Bacteriologist	1	1,800				
Inspector			1	1,800	0.9	1,800
Timekeeper	1	1,800			0.1	1,800
Electrician	1	1,800	1	1,800	0.7	1,800
Machinist	1	1,740	1	1,740	1	1,740

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Washington Aqueduct, District of Columbia—Continued.

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Field service—Continued.						
Salaries and wages—Continued.	*Average—*		*Average—*		*Average—*	
Salary range, $1,680 to $2,040; average, $1,860—Con.	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Overseer	2	$1,800	3	$1,780	2	$1,800
Overseer					0.9	1,740
Blacksmith			1	1,680	0.4	1,680
Special officer	1	1,680	1	1,680	0.9	1,680
Gauge tender	3	1,680	1	1,680	0.9	1,680
Clerk	3	1,800				
Filter operator	3	1,800				
Operator	2	1,800				
Clerk	2	1,740				
Salary range, $1,500 to $1,860; average, $1,680—						
Clerk	1	1,680				
Special officer					0.1	1,620
Foreman	1	1,620	1	1,560	1	1,560
Clerk	1	1,620				
Storekeeper	1	1,560	1	1,560	1	1,560
Gauge tender			1	1,560	1	1,560
Gauge reader	1	1,560	1	1,560	1	1,560
Handy man	2	1,560	2	1,560	2	1,560
Clerk	1	1,560				
Chauffeur	1	1,560	1	1,560	0.9	1,560
Machinist helper	1	1,560	1	1,560	0.9	1,560
Laboratory helper	1	1,560	1	1,560	1	1,560
Pump operator	2	1,500				
Handy man	1	1,500			1	1,500
Clerk	1	1,500				
Salary range, $1,320 to $1,680; average, $1,500—						
Handy man			2	1,440		
Fireman	3	1,380	3	1,380	3	1,380
Oiler	3	1,320	2	1,320	2	1,320
Janitor	2	1,380	2	1,380	2	1,380
Laborer	3	1,320	3	1,320	3	1,320
Handy man					1	1,320
Chauffeur	1	1,440				
Clerk	1	1,440				
Clerk	1	1,320				
Salary range, $1,020 to $1,260; average, $1,140—						
Janitor	1	1,200	1	1,080	1	1,080
Laborer	1	1,200				
Handy man	1	1,080	1	1,080	1	1,080
Laborer	1	1,080	2	1,080	2	1,080
Watchman	3	1,200				
Messenger	1	1,080				
Salary range, $780 to $1,020; average, $900—						
Laborer	3	1,000				
Messenger	1	900				
Laborer	56	850	56	839	54.9	860
Total average number of employees	153		106		101.6	
Total salaries and wages, field service		206,420.00		132,580.00		124,565.96
The difference between 1929 and 1928 is due to increase in force, $73,840.						
Deduct allowances for quarters, subsistence, etc., furnished		4,220.00		1,800.00		1,981.00
Cash payment, salaries and wages		202,200.00		130,780.00		122,584.96
Deduct expenditures for personal services included in objects named below		70,155.00		67,380.00		63,450.20
01 Net personal services		132,045.00		63,400.00		59,134.76
Supplies and materials:						
0200 Stationery and office supplies		500.00		500.00		241.46
0220 Scientific and educational supplies		53,730.00		16,000.00		25,550.21
0230 Fuel		29,000.00		23,000.00		21,242.27
0280 Sundry supplies		6,800.00		3,000.00		3,696.64
02 Total supplies and materials		90,030.00		42,500.00		50,730.58
05 Telephone service		700.00		300.00		328.67
06 Travel expenses		75.00				72.72
07 Transportation of things		1,500.00				
10 Furnishing of heat, light, power, water, and electricity (service)		80,000.00		25.00		43.67
11 Rents		2,000.00		1,700.00		1,409.63
12 Repairs and alterations		99,100.00		69,285.00		72,482.81
13 Special and current miscellaneous expenses		50.00		50.00		60.30
Equipment (includes livestock):						
3000 Motor vehicles		2,500.00				
3010 Furniture, furnishings, and fixtures				200.00		
3020 Educational and scientific equipment		1,000.00		3,540.00		542.88
3050 Other equipment		10,000.00		7,000.00		5,903.01
30 Total equipment		13,500.00		10,740.00		6,445.89
32 Structures		6,000.00		2,000.00		6,500.97
Total		425,000.00		190,000.00		197,210.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Emergency Fund, Washington Aqueduct, District of Columbia—		
[For emergency fund, to be used only in case of a serious break requiring immediate repairs in one of the more important aqueduct or filtration plant structures, such as a dam, conduit, tunnel, bridge, building, or important piece of machinery, $5,000; all expenditures from this appropriation shall be reported in detail to Congress] (*U. S. C., p. 1291, secs. 45, 54; act Mar. 2, 1927, vol. 44, p. 1331*)		$5,000.00
Nothing herein shall be construed as affecting the superintendence and control of the Secretary of War over the Washington Aqueduct, its rights, appurtenances, and fixtures connected with the same and over appropriations and expenditures therefor as now provided by law.		
Total, Washington Aqueduct	$425,000.00	202,210.00
Water Department, District of Columbia—		
For revenue and inspection and distribution branches: For personal services in accordance with the classification act of 1923 (*R. S., pt. 2, p. 22, secs. 195–198; acts June 10, 1879, vol. 21, p. 9; Mar. 2, 1927, vol. 44, p. 1331*)	142,000.00	164,000.00

	Estimated expenditures, 1929 appropriation		Estimated expenditures, 1928 appropriation		Expended and obligated, 1927	
Salaries:						
Professional and scientific service—	*Average—*		*Average—*		*Average—*	
Grade 5, $5,200 to $6,000; average, $5,600—	*No.*	*Salary*	*No.*	*Salary*	*No.*	*Salary*
Senior engineer (superintendent)	1	$5,600	1	$5,600	1	$5,600
Grade 4, $3,800 to $5,000; average, $4,400—						
Engineer	1	4,200	1	4,200	1	4,200
Grade 3, $3,000 to $3,600; average, $3,300—						
Associate engineer	3	3,200	3	3,200	3	3,200
Grade 2, $2,400 to $3,000; average, $2,700—						
Assistant engineer	3	2,567	4	2,525	4	2,525
Subprofessional service—						
Grade 8, $2,400 to $3,000; average, $2,700—						
Chief engineering field aid	2	2,400	2	2,400	2	2,400
Grade 6, $1,860 to $2,400; average, $2,100—						
Senior engineering aid	3	1,920	3	1,920	3	1,920
Grade 5, $1,680 to $2,040; average, $1,860—						
Engineering draftsman	3	1,760	3	1,760	3	1,760
Grade 4, $1,500 to $1,860; average, $1,680—						
Assistant engineer field aid	2	1,530	2	1,530	2	1,530
Grade 2, $1,140 to $1,500; average, $1,320—						
Apprentice engineer field aid	2	1,230	2	1,230	2	1,200
Clerical, administrative, and fiscal service—						
Grade 9, $3,000 to $3,600; average, $3,300—						
Senior administrative assistant	1	3,200	1	3,200	1	3,100
Grade 7, $2,400 to $3,000; average, $2,700—						
Junior administrative assistant	1	2,500	1	2,500	1	2,500
Grade 6, $2,100 to $2,700; average, $2,400—						
Principal clerk	2	2,350	2	2,350	2	2,300
Grade 5, $1,860 to $2,400; average, $2,100—						
Senior clerk	2	2,010	2	2,010	2	1,980
Grade 4, $1,680 to $2,040; average, $1,860—						
Clerk	8	1,740	8	1,740	8	1,688
Grade 3, $1,500 to $1,860; average, $1,680—						
Assistant clerk	13	1,638	13	1,638	13	1,592
Grade 2, $1,320 to $1,680; average, $1,500—						
Junior clerk	22	1,461	22	1,440	21.5	1,379
Grade 1, $1,140 to $1,500; average, $1,320—						
Underclerk	2	1,200	2	1,140	2.4	943
Custodial service—						
Grade 8, $1,860 to $2,400; average, $2,100—						
Principal mechanic	1	2,100	1	2,100	1	2,100
Grade 7, $1,680 to $2,040; average, $1,860—						
Senior mechanic (steam engineer)			3	2,040	3	2,040
Grade 6, $1,500 to $1,860; average, $1,680—						
General foreman of laborers	1	1,560	1	1,560	1	1,560
Mechanic (assistant steam engineer)			3	1,740	3	1,740
Grade 4, $1,140 to $1,500; average, $1,320—						
Undermechanic	1	1,380	1	1,380	0.7	1,320
Grade 3, $1,020 to $1,260; average, $1,140—						
Messenger	3	1,060	3	1,060	3	1,060
Watchman	1	1,140	2	1,140	2	1,140
Minor mechanic (oiler)			4	1,200	4	1,200
Total average number of employees	78		90		90 11/12	
01 Total salaries		142,000.00		164,000.00		159,572.10
Unobligated balance						3,887.90
Total		142,000.00		164,000.00		163,460.00

The difference between 1929 and 1928 is due to the reduction in force at Bryant Street pumping station as follows:

1 engineer aid, at $2,400	$2,400
3 steam engineers, at $2,040	6,120
3 assistant steam engineers, at $1,740	5,220
2 firemen, at $1,440 (vacant 1928)	2,880
4 oilers, at $1,200	4,800
1 watchman, at $1,140	1,140
	22,560
Less increases in salaries	560
Net decrease	22,000

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Water Department, District of Columbia—Continued. For maintenance of the water department distribution system, including pumping stations and machinery, water mains, valves, fire and public hydrants, water meters, and all buildings and accessories, and the purchase and maintenance of motor trucks, purchase of fuel, oils, waste, and other materials, and the employment of all labor necessary for the proper execution of this work and for contingent expenses, including books, blanks, stationery, printing, postage, damages, purchase of technical reference books and periodicals, not to exceed $75, and other necessary items, $7,500; in all for maintenance (*R. S., pt. 2, p. 22, secs. 195–198; acts June 10, 1879, vol. 21, p. 9; Mar. 2, 1927, vol. 44, p. 1331*)	$335,000.00	$446,500.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Number	*Number*	*Number*
Mechanics, $8 to $4.48 per day	59	67	67
Skilled laborers, $4.48 to $4 per day	84	90	90
Laborers, $3.84 to $3.04 per day	45	50	50
Total wages	$274,000.00	$302,000.00	$346,275.24
Allotment to other District of Columbia departments	1,000.00	1,000.00	655.26
Auto trucks, purchase of	3,000.00	6,000.00	11,704.75
Auto trucks, maintenance of	10,000.00	18,000.00	18,775.61
Boxes, Buffalo	500.00	300.00	367.50
Coal	3,500.00	50,000.00	60,014.81
Car tickets	600.00	600.00	500.00
Castings, miscellaneous	1,000.00	1,000.00	3,805.50
Casings, valve	1,000.00	1,000.00	304.40
Cement, sand, and gravel	1,500.00	1,500.00	787.57
Cocks, curb and corporation	5,000.00	5,000.00	5,637.50
Gasoline	4,000.00	10,000.00	8,905.15
Kerosene	1,000.00	2,000.00	1,765.50
Lumber	1,000.00	1,000.00	2,740.73
Lead, pig	1,000.00	1,000.00	818.50
Jute	500.00	500.00	354.00
Meter repair parts	5,000.00	5,000.00	4,369.19
Oil, cylinder	100.00	500.00	384.00
Other oils and greases	200.00	1,500.00	1,587.14
Pipe and fittings, galvanized iron	500.00	500.00	2,812.58
Pipe, lead	700.00	700.00	422.05
Pumping equipment and repairs	500.00	5,000.00	7,580.37
Castings, special cast iron	5,000.00	6,000.00	7,129.11
Waste, cotton	500.00	500.00	487.50
Pipe and fittings, brass	1,000.00	1,000.00	3,261.47
Pipe, cast iron	2,000.00	2,000.00	2,897.00
Miscellaneous	3,400.00	15,400.00	42,549.97
	327,500.00	439,000.00	536,892.40
Contingent allotment:			
Allotments to other District of Columbia departments	500.00	500.00	325.00
Books of reference	75.00	75.00	29.00
Printing	2,500.00	2,500.00	1,662.44
Postage stamps	2,000.00	2,000.00	2,944.50
Stationery	1,725.00	1,725.00	1,593.79
Typewriters and repairs	100.00	100.00	25.00
Office equipment	500.00	500.00	853.78
Miscellaneous	100.00	100.00	523.07
	7,500.00	7,500.00	7,956.58
			544,848.98
Less repayment for whole cost deposit work			105,042.90
			439,806.08
Unobligated balance			10,193.92
Total	335,000.00	446,500.00	450,000.00

For extension of the water department distribution system, laying of such service mains as may be necessary under the assessment system, $250,000, to be available immediately (*same acts*)	250,000.00	250,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Number	*Number*	*Number*
Mechanics, $7.04 to $4.48 per day	25	25	25
Skilled laborers, $4.32 to $4 per day	70	70	70
Laborers, $3.84 to $3.04 per day	132	132	132
Total wages	$110,000.00	$110,000.00	$111,552.28

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928

Water Department, District of Columbia—Continued.

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Pipe, cast iron	$95,000.00	$95,000.00	$88,443.00
Castings, cast iron, special	15,000.00	15,000.00	10,912.50
Lead, pig	10,000.00	10,000.00	19,021.10
Cement, sand, and gravel	1,000.00	1,000.00	970.22
Casings, valve	3,000.00	3,000.00	5,705.95
Valves	5,000.00	5,000.00	5,426.00
Jute	500.00	500.00	495.25
Boxes, Buffalo	500.00	500.00	346.50
Miscellaneous	10,000.00	10,000.00	10,472.27
			253,345.07
Less repayments on account of whole cost and deposit work			3,523.46
			249,821.61
Unobligated balance			178.39
Total	250,000.00	250,000.00	250,000.00

For installing water meters on services to private residences and business places as may not be required to install meters under existing regulations, as may be directed by the commissioners; said meters at all times to remain the property of the District of Columbia (*R. S., pt. 2, p. 22, secs. 195–198; acts June 10, 1879, vol. 21, p. 9; Mar. 2, 1927, vol. 44, p. 1331*) $30,000.00 $30,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Number	*Number*	*Number*
Mechanics, $7.04 to $6 per day	6	6	6
Skilled laborer, $4 per day	12	12	12
Laborer, $3.60 per day	3	3	3
Total wages	$11,000.00	$11,000.00	$10,053.71
Water meters	12,000.00	12,000.00	10,200.00
Repair parts	1,000.00	1,000.00	2,731.10
Frames and covers	2,000.00	2,000.00	1,396.00
Pipe, terra cotta	1,000.00	1,000.00	1,027.50
Fittings, pipe	2,000.00	2,000.00	2,018.80
Cocks, stop	100.00	100.00	90.00
Miscellaneous	900.00	900.00	2,369.78
			29,880.89
Unobligated balance			119.11
Total	30,000.00	30,000.00	30,000.00

For installing fire and public hydrants (*same acts*) 50,000.00 25,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Number	*Number*	*Number*
Mechanic, $6.64 per day	4	2	2
Skilled laborers, $4.48 to $4 per day	10	5	5
Total wages	$12,000.00	$6,000.00	$9,710.23
Hydrants, fire	28,000.00	14,000.00	13,116.25
Castings, special	2,000.00	1,000.00	
Pipe, galvanized	2,000.00	1,000.00	
Lead, pig	4,000.00	2,000.00	409.25
Miscellaneous	2,000.00	1,000.00	1,570.39
			24,806.12
Unobligated balance			193.88
Total	50,000.00	25,000.00	25,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Water Department, District of Columbia—Continued.		
For replacement of old mains in various locations on account of inadequate size and bad condition of pipe on account of age, and laying mains in advance of pavement (*R. S., pt. 2, p. 22, secs. 195–198; acts June 10, 1879, vol. 21, p. 9; Mar. 2, 1927, vol. 44, p. 1331*)	$50,000.00	$50,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
	Number	*Number*	*Number*
Mechanics, $7.04 to $4.72 per day	2	2	2
Skilled laborers, $4.48 to $4 per day	15	15	15
Laborers, $3.84 to $3.04 per day	10	10	10
Total wages	$20,000.00	$20,000.00	$20,228.35
Pipe, cast-iron	10,000.00	10,000.00	9,300.00
Castings, special	3,000.00	3,000.00	2,557.50
Valves	1,000.00	1,000.00	638.00
Lead, pig	5,000.00	5,000.00	4,092.50
Hydrants, fire	4,000.00	4,000.00	3,747.50
Miscellaneous	7,000.00	7,000.00	8,341.94
			48,905.79
Unobligated balance			1,094.21
Total	50,000.00	50,000.00	50,000.00

[For nine thousand feet of twelve-inch main in Alabama Avenue, Southeast, from Branch Avenue to the District Line, there is hereby reappropriated the sum of $42,800 of the unobligated balance of the appropriation "Public schools, District of Columbia, 1925"] (*same acts*).

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Labor		$17,120	
Pipe, cast-iron		18,000	
Castings, special		3,500	
Valves		700	
Lead, pig		1,200	
Miscellaneous		2,280	
Total		42,800	

[For the laying of approximately twenty-one thousand feet of forty-eight-inch water main from the intersection of Nebraska and Wisconsin Avenues to Georgia Avenue and Military Road, and for an addition to Reno Reservoir, $700,000, to be available immediately, of which amount $363,500 shall be paid from the revenues of the water department and $336,500 from the revenues of the District of Columbia, this work to be done under contract entered into by the United States Engineer office] (*same acts*) 700,000.00

Laying 21,000 feet of 48-inch water main: Expenditure—1928, $700,000.

[For construction of additional water tower of one hundred and sixty thousand gallons capacity at Reno Reservoir] (*same acts*) 60,000.00

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Labor		$36,000	
Material, cement, brick, and steel		24,000	
Total		60,000	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Water Department, District of Columbia—Continued.		
For five thousand nine hundred feet of thirty-six inch main in M Street from Eleventh Street to New Hampshire Avenue northwest (submitted)	$177,000.00	

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Labor	$65,000		
Pipe, cast-iron	63,000		
Castings, special	15,000		
Valves	10,000		
Lead, pig	5,000		
Miscellaneous	19,000		
Total	177,000		

For nine hundred feet of twelve-inch water main in Eighteenth Street northwest from Pennsylvania Avenue to F Street (submitted)	5,600.00	

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Labor	$2,240		
Pipe, cast-iron	2,240		
Castings, special	500		
Miscellaneous	620		
	5,600		

For two thousand eight hundred feet of twelve-inch water main in Georgia Avenue northwest, Fairmont Street to Park Road (submitted)	21,350.00	

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Labor	$8,500		
Pipe, cast-iron	8,500		
Castings, special	2,500		
Miscellaneous	1,850		
	21,350		

For one thousand nine hundred feet of sixteen-inch water main in Wisconsin Avenue northwest, P Street to Reservoir Street, and in Reservoir Street, Wisconsin Avenue to Thirty-fourth Street (submitted)	23,400.00	

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Labor	$9,360		
Pipe, cast-iron	9,360		
Castings, special	2,500		
Miscellaneous	2,180		
	23,400		

For two thousand nine hundred and fifty feet of twelve-inch water main in Tenth Street Northwest, K Street to Pennsylvania Avenue (submitted)	20,000.00	

	Estimated expenditures, 1929 appropriation	Estimated expenditures, 1928 appropriation	Expended and obligated, 1927
Labor	$8,000		
Pipe, cast-iron	8,000		
Castings, special	2,000		
Miscellaneous	2,000		
	20,000		

Total, Water Department, District of Columbia	1,104,350.00	$1,725,500.00
Total, District of Columbia, excluding permanent and indefinite appropriations	37,711,186.00	36,282,385.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
INDEFINITE APPROPRIATIONS		
Refunding Taxes, District of Columbia— For payment of amounts collected by the District erroneously on account of taxes, fines, fees, and similar charges which are returned to the respective parties who may have erroneously paid the same (chargeable to the revenues of the District of Columbia) (*act June 11, 1878, vol. 20, pp. 102–108, secs. 3, 4*)	$50,000.00	$60,000.00
Refunding taxes: Expenditures—1929, $50,000; 1928, $60,000; 1927, $44,793.70.		
Extension, etc., of Streets and Avenues, District of Columbia— In the various appropriations on account of extension of streets and avenues in the District of Columbia, it has been the practice to make the payment of the amount awarded as damages resulting from condemnation proceedings indefinite, inasmuch as no estimate could be made as to the amount that would be awarded by the jury of condemnation in the several causes (chargeable to the revenues of the District of Columbia) (*act Mar. 3, 1899, vol. 30, p. 1345, sec. 6*)	175,000.00	130,000.00
Extension of streets and avenues: Expenditures—1929, $175,000; 1928, $130,000; 1927, $114,817.72.		
SPECIAL AND TRUST FUNDS		
Industrial Home School Fund, District of Columbia— This fund is derived from collections made on account of farm and greenhouse products by inmates of said school, and is used for miscellaneous expenses of maintenance, etc., on account of that institution (*act June 11, 1896, vol. 29, p. 411, sec. 91*)		4,000.00
Industrial home school fund: Expenditures—1928, $4,000; 1927, $1,846.27.		
Escheated Estates Relief Fund, District of Columbia— This fund is derived from proceeds of sale of effects of deceased persons in the District who die leaving no heirs or next of kin, and is expended for the benefit of the poor of the District (*act Mar. 3, 1901, vol. 31, p. 1251, sec. 388*)	5,000.00	3,000.00
Escheated estates relief fund: Expenditures—1929, $5,000; 1928, $3,000; 1927, $6,625.71.		
Teachers' Retirement Fund Deductions, District of Columbia— Indefinite appropriation of the amounts deducted from the basic salaries of teachers of the public schools of the District of Columbia, to be deposited in the Treasury of the United States to the credit of an individual account of the teacher from whose salary the deduction is made. The fund thus created to be held and invested until paid out as provided in the acts of Congress in relation thereto (*acts Jan. 15, 1920, vol. 41, p. 387, secs. 1, 2; June 5, 1920, vol. 41, p. 852, sec. 1; June 11, 1926, vol. 44, p. 727*)	340,000.00	325,000.00
Teachers' retirement fund deductions: Expenditures—1929, $340,000; 1928, $325,000; 1927, $338,167.59.		
Miscellaneous Trust-Fund Deposits, District of Columbia— This fund is derived from deposits made by property owners, corporations, and others on account of work to be performed by the District in connection with cuts in streets, special sewers, and various engineering projects, the whole cost of which is payable by the depositor; there are also carried in this account several bequests for the benefit of certain charitable and religious institutions, and as a fund to provide awards for prizes for excellence in school work (*act Apr. 27, 1904, vol. 33, p. 368, sec. 1*)	950,000.00	1,000,000.00
Miscellaneous trust-fund deposits: Expenditures—1929, $950,000; 1928, $1,000,000; 1927, $1,014,569.36.		
Washington Redemption Fund, District of Columbia— This fund is derived from the collections on account of payments made by persons redeeming their property which has been previously sold for taxes; payments from this fund are made to the various holders of certificates representing purchases of such unpaid taxes (*act June 11, 1878, vol. 20, pp. 102–108, secs. 1–15*)	500,000.00	350,000.00
Washington redemption fund: Expenditures—1929, $500,000; 1928, $350,000; 1927, $645,105.23.		
Permit Fund, District of Columbia— This fund is derived from deposits made by property owners for various improvements, sewers, etc., of which the half cost is paid by said owner (*act Aug. 7, 1894, vol. 28, p. 247, sec. 1*)	50,000.00	80,000.00
Permit fund, District of Columbia: Expenditures—1929, $50,000; 1928, $80,000; 1927, $55,449.01.		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Policemen and Firemen's Relief Fund, District of Columbia— This fund consists of fines imposed upon members of the police and fire departments by way of discipline; rewards, gifts, and emoluments received for extraordinary services; a deduction of 2½ per cent of the monthly salary of each member of said departments; donations; net proceeds of sale of unclaimed property; any deficiencies in said fund being paid from the general revenues of the District of Columbia. Payments are made to pensioners under said fund pursuant to law (*acts Feb. 25, 1885, vol. 23, pp. 316, 317, sec. 1; Sept. 1, 1916, vol. 39, p. 718, sec. 12; Sept. 8, 1916, vol. 39, p. 809, sec. 1*)	$650,000.00	$590,000.00
Policemen and Firemen's fund: Expenditures—1929, $650,000; 1928, $605,000; 1927, $566,467.65.		
Surplus Fund, District of Columbia— This fund is derived from amount of surplus paid at tax sales by purchasers of tax-sale certificates on account of property sold for taxes; upon the redemption of the property by the owner the surplus reverts to the original depositor (*act June 11, 1878, vol. 20. pp. 102–108, secs. 1–15*).		
Surplus fund: Expenditure, 1927, $17.		
Outstanding Liabilities, District of Columbia— This fund is derived from funds to the credit of disbursing officers of the District to meet checks issued and outstanding for a period of three years and over, the said funds being transferred from the disbursing officers' official credit to the credit of this fund (*act Apr. 28, 1904, vol. 33, p. 574, secs. 1, 2*).		
Outstanding liabilities: Expenditures—1927, $163.24.		
Total permanent and indefinite appropriations under District of Columbia	2,720,000.00	2,542,000.00
Total under District of Columbia	40,431,186.00	38,824,385.00

SEC. 2. That the services of draftsmen, assistant engineers, levelers, transitmen, rodmen, chainmen, computers, copyists, overseers, and inspectors temporarily required in connection with sewer, street, street-cleaning, or road work, or construction and repair of buildings and bridges, or any general or special engineering or construction work authorized by appropriations may be employed exclusively to carry into effect said appropriations when specifically and in writing ordered by the commissioners, and all such necessary expenditures for the proper execution of said work shall be paid from and equitably charged against the sums appropriated for said work; and the commissioners in their Budget estimates shall report the number of such employees performing such services, and their work, and the sums paid to each, and out of what appropriation: *Provided*, That the expenditures hereunder shall not exceed $20,000 during the fiscal year [1928] *1929*: *Provided further*, That, excluding five inspectors in the sewer department [employed during the fiscal years 1927 and 1928], no person shall be employed in pursuance of the authority contained in this paragraph for a longer period than nine months in the aggregate during the fiscal year.

The commissioners are further authorized to employ temporarily such laborers, skilled laborers, drivers, hostlers, and mechanics as may be required exclusively in connection with sewer, street, and road work, and street cleaning, or the construction and repair of buildings and bridges, furniture and equipments, and any general or special engineering or construction or repair work, and to incur all necessary engineering and other expenses, exclusive of personal services, incidental to carrying on such work and necessary for the proper execution thereof, said laborers, skilled laborers, drivers, hostlers, and mechanics to be employed to perform such work as may not be required by law to be done under contract, and to pay for such services and expenses from the appropriations under which such services are rendered and expenses incurred (*act Mar. 2, 1927, vol. 44, p. 1332*).

SEC. 3. That all horses, harness, horse-drawn vehicles necessary for use in connection with construction and supervision of sewer, street, street lighting, road work, and street-cleaning work, including maintenance of said horses and harness, and maintenance and repair of said vehicles, and purchase of all necessary articles and supplies in connection therewith, or on construction and repair of buildings and bridges, or any general or special engineering or construction work authorized by appropriations, may be purchased, hired, and maintained and motor trucks may be hired exclusively to carry into effect said appropriations, when specifically and in writing ordered by the commissioners; and all such expenditures necessary for the proper execution of said work, exclusive of personal services, shall be paid from and equitably charged against the sums appropriated for said work; and the commissioners in the

Estimates of appropriations required for the service of the fiscal year ending June 30, 1929—Continued

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object	Total amount to be appropriated under each head of appropriation	Amount appropriated for the fiscal year ending June 30, 1928
Budget estimates shall report the number of horses, vehicles, and harness purchased, and horses and vehicles hired, and the sums paid for same, and out of what appropriation; and all horses owned or maintained by the District shall, so far as may be practicable, be provided for in stables owned or operated by said District: *Provided*, That such horses, horse-drawn vehicles, and carts as may be temporarily needed for hauling and excavating material in connection with works authorized by appropriations may be temporarily employed for such purposes under the conditions named in section 2 of this act in relation to the employment of laborers, skilled laborers, and mechanics. SEC. 4. The commissioners are further authorized to employ temporarily such laborers, skilled laborers, and mechanics as may be required in connection with water department work and to incur all necessary engineering and other expenses, exclusive of personal services, incidental to carrying on such work and necessary for the proper execution thereof, said laborers, skilled laborers, and mechanics to be employed to perform such work as may not be required by existing law to be done under contract, and to pay for such services and expenses from the appropriation under which such services are rendered and expenses incurred. SEC. 5. That the commissioners are authorized to employ in the execution of work the cost of which is payable from the appropriation account created in the District of Columbia appropriation act approved April 27, 1904, and known as the "Miscellaneous trust-fund deposits, District of Columbia," all necessary inspectors, overseers, foremen, sewers tappers, skilled laborers, mechanics, laborers, special policemen stationed at street-railway crossings, one inspector of gas fitting, two janitors for laboratories of the Washington and Georgetown Gas Light Companies, market master, assistant marketmaster, watchman, two bookkeepers in the auditor's office, clerk in the office of the collector of taxes, horses, carts, and wagons, and to hire therefor motor trucks when specifically and in writing authorized by the commissioners, and to incur all necessary expenses incidental to carrying on such work and necessary for the proper execution thereof, including the purchase of one passenger-carrying motor vehicle at a cost not to exceed $750, *purchase, exchange, maintenance, and operation* [and including maintenance] of motor vehicles for inspection and transportation purposes, such services and expenses to be paid from said appropriation account. That any person employed under any of the provisions of this act who has been employed for ten consecutive months or more shall not be denied leave of absence with pay for which the law provides. SEC. 6. That the commissioners and other responsible officials, in expending appropriations contained in this act, so far as possible shall purchase material, supplies, including food supplies and equipment, when needed and funds are available, in accordance with the regulations and schedules of the General Supply Committee or from the various services of the Government of the United States possessing material, supplies, passenger-carrying and other motor vehicles, and equipment no longer required because of the cessation of war activities. Surplus articles purchased from the Government, if the same have not been used, shall be paid for at a reasonable price, not to exceed actual cost, and if the same have been used, at a reasonable price based upon length of usage. The various services of the Government of the United States are authorized to sell such surplus articles to the municipal government under the conditions specified, and the proceeds of such sales shall be covered into the Treasury as miscellaneous receipts: *Provided*, That this section shall not be construed to amend, alter, or repeal the Executive order of December 3, 1918, concerning the transfer of office materials, supplies, and equipment in the District of Columbia falling into disuse because of the cessation of war activities (*act Mar. 2, 1927, vol. 44, p. 1332*).		

INDEX

A

Page

Accounts—
And Deposits, Commissioner of 911
Bureau of, Post Office Department, salaries 840
Supplies and, Navy 812
Acquisition of lands for protection of watersheds of navigable streams 225
Acting assistant surgeons, pay 963
Adjusted service certificate fund, Veterans' Bureau 110
Adjutant General's Office, salaries 1019
Admeasurement, of vessels 380
Administration, warehouse act 297
Advertising sales, Indian lands 488
Advisory Committee for Aeronautics, National 74
Aeronautics—
Bureau of, Navy Department 821
Commerce Department 353
Military 1066
National Advisory Committee for 74
Africa, promoting commerce in 363
Aged and Infirm, District of Columbia, Home for 1379
Agencies, Indian, buildings at 484
Agents, internal-revenue, salaries and expenses 936
Agricultural Department—
Miscellaneous items 327
Permanent appropriations 227
Printing and binding 118
Salaries and expenses 113
Agricultural Economics, Bureau of, salaries and expenses 276
Agricultural experiment stations, expenses 120
Agricultural extension work, cooperative 133
Agricultural Institute, International, at Rome, Italy 884
Aid of schools—
Five Civilized Tribes 564
Indian public schools, Utah 566
Air Corps—
Army 1066
Chief of, salaries, office of 1071
Air mail service, contract 856
Aircraft in commerce 353
Air navigation facilities, commerce 355
Alaska—
Annette Islands Reserve, fund from leases 707
Boundary between Canada and 881
Care and custody of insane of 710
Contingent expenses, Territory of 708
Construction and operation of railroads 711
Education of natives of 704
Fisheries service 436
Indigent in 34
Legislative expenses 709
Medical relief for natives of 706
Mining investigations, Bureau of Mines 444
Protecting seal and salmon fisheries of 436
Public schools, Alaska fund 715
Railroad fund 711
Railroads, additional income tax on 940
Redistribution, funds for indigent 34
Reindeer for 707
River steamers, operation of 711
Roads, bridges, and trails 1166, 1188, 1189
Salaries of judges, marshals, attorneys, and clerks, Territory of 743
Salary of governor, Territory of 708
Star-route service 852
Suppressing traffic in intoxicating liquors 710
Alaska-Washington military cable and telegraph system, extension, etc., of 1163
Albuquerque, N. Mex., support of Indian school 542
Aliens, immigration of 876
Alien Property Custodian—
Printing and bindiug 35
Salaries and expenses, office of 34

Page

Allotment of lands, under act of February 8, 1887 487
Allotting, Indian reservations, surveying and 487
Allowances—
For clerks at consulates 874
Post, to Foreign Service officers 879
To widows or heirs of Foreign Service officers who die abroad 878
Almanac Office, Nautical, salaries 803
Ambassadors and ministers, salaries 869
American Battle Monuments Commission, expenses 36
American convicts, expenses of prisons for 895
American ethnology, Smithsonian Institution 86
American Republics, International Uuion of 883, 896
American seamen—
Pay of consular officers for services to 896
Relief and protection 877
Shipwrecked, rescuing 880
Ammunition—
Increase of the Navy 830
Ordnance stores, Army 1099
Vessels of the Navy 830
Anacostia River, D. C., improvement of flats 1384
Animal Industry—
Bureau of, salaries and expenses 140
Meat inspection 155
Annapolis, Md., engineering experimental station 804, 820
Annual expenses, Cape Spartel Light 879
Annual Tables of Constants, International Commission on 884
Antietam battle field, preservation of 1155
Antitrust laws, enforcement of 734
Apache Indians, Oklahoma, withdrawal of funds of 490
Appendix, governmental functions, definition of A3
Appliances, for disabled soldiers 1164
Appointments, Division of, salaries 921
Appropriations—
Available during fiscal year 1928 A85
Recommended, and made by Congress, 1928 and 1927 A82
Appropriations, statement of—
House of Representatives 10
Senate 10
Aqueduct, Washington, D. C. 1392
Arapaho Indians, northern, in Montana, support of 591
Arbitration boards, Board of Mediation 39
Arbitration, International Bureau of, Permanent Court of 883
Architect, Supervising Office of, salaries 993
Architect of the Capitol—
Salaries, office of 10
Expenses under 10
Arizona—
Miscellaneous Indian funds 597
Support of Indians in 588
Arlington Memorial Bridge Commission, expenses 37
Armament—
And armor, increase of the Navy 830
Field Artillery 1102
Fortifications 1106
Panama Canal 1109
Arming and equipping National Guard 1137
Armor and armament, increase of the Navy 830
Armory, drill pay 1139
Arms—
Manufacture of 1100
Uniforms, equipment, etc., National Guard 1140
Army—
Air Corps 1066
Contingencies 1015
Incidental expenses 1034
Mileage 1024
Pay, etc 1022
Pay of, deposit fund 1027
Pensions 641
Proving grounds 1104

Page

Army—Continued.
- Regular supplies of 1028
- Signal Service 1059
- Subsistence 1027
- Transportation of, and of its supplies 1038
- War College 1017

Army and Navy Hospital, Hot Springs, Ark., burial of indigent ex-soldiers 1157
Army Medical Museum, expenses 1075
Arsenals—
- Repairs of 1105
- Rock Island bridge, Ill 1104
- Testing machines 1104

Art, National Gallery of 94
Artificial limbs, furnishing 1163
Artillery horses, Cavalry, Engineers, and 1048
Assay offices—
- Freight on bullion and coin 982
- Salaries, wages, and contingent expenses 988

Assessment and permit work, District of Columbia 1301
Assistant attorneys, special, United States courts, pay of 746
Assistants to district attorneys, pay of 747
Astrophysical Observatory, Smithsonian Institution 88
Asylum, for insane Indians at Canton, S. Dak 587
Atlanta, Ga., United States penitentiary 754
Attorney General—
- Contingent expenses, office of 729
- Salaries, office of 727

Attorneys—
- District, United States courts, salaries, expenses, etc 745
- Probate, for Five Civilized Tribes 485

Austria and United States, Mixed Claims Commission 888
Automatic machine rifles, Army 1101
Automotive engines, investigation of 404
Aviation, Navy 821

B

Bailiffs, etc.—
- District of Columbia courts, pay of 1357
- United States courts, pay of 749

Bank plates, examination of national banks and 935
Bannock Indians, support of 590
Barracks—
- And quarters, Army 1049
- And quarters, Army, Philippine Islands 1052

Batteries, gun and mortar 1085
Battle field at Antietam, preservation of 1155
Beaufort, N. C., biological station 434
Benteen, erection of monument to 635
Binding, public printing and 22
Biological Station, Beaufort, N. C 434
Biological Survey, Bureau of, salaries and expenses 260
Biologic products, control 978
Birthplace of Lincoln, preservation of, special fund 1162
Birthplace of Washington, Wakefield, Va., improvements and repairs at 1164
Bismarck, N. Dak., Indian school 547
Blackfeet Agency, Mont., support of Indians of 588
Blackfeet Reservation, Mont., irrigation systems 510
Blind—
- National library for 1381
- To promote education of 1009

Blind children, District of Columbia, instruction of 1326
Board of Public Welfare 1361
Board of Tax Appeals, salaries and expenses 40
Board of Inspection and Survey, Navy Department 792
Board of Mediation 38
- Arbitration boards 39
- Emergency boards 40
- Printing and binding 40

Board for Vocational Education, Federal, permanent appropriations 51
Boise, Idaho, assay office at, salaries, wages, and contingent 988
Bookkeeping and Warrants, Division of, salaries 912
Books—
- And maps, State Department 867
- For judicial officers 751
- Justice, Department of 728
- National Museum 94
- Public Health Service 967
- State Department 867
- Treasury Department 902

Boston, Mass., navy yard 820
Botanic Garden—
- Buildings 13
- Improving 14
- Salaries 13

Page

Boundary, Alaska and Canada 881
Boundary Commission, International (water), United States and Mexico 880
Boundary line, United States and Canada 881
Boundary treaties, United States and Great Britain, etc 882
Boys, National Training School for 760, 1368
Bridges—
- Across Potomac River at Georgetown, D. C 1311
- Alaska, repair and maintenance 1166, 1188, 1189
- District of Columbia 1310
- Red Lake, Minn 634
- Rock Island, Ill 1104

Bringing home criminals, expenses 896
Bringing home remains—
- Civil employees of the Army who die abroad and soldiers who die on transports 1155
- Officers and soldiers who die abroad, Army 1155

Brooklyn (N. Y.) Navy Yard. (*See* New York, N. Y.)
Bryans Point Station, fish-cultural station 434
Budget, Bureau of the, salaries and expenses 928
Buildings—
- Agricultural Department, rent of 116
- And grounds, public schools, District of Columbia 1333
- Botanic Garden 13
- Capitol, repairs, etc 10
- Civil Service Commission, rent of 48
- Columbia Institution for Deaf 721
- Construction of, at military posts 1049
- Department of Agriculture, rent of 116
- Department of Commerce, rent of 350
- Department of Justice, rent of 729
- Department of Labor, rent of 768
- Foreign Service buildings fund 879
- House Office 12
- Howard University 722
- Indian agencies and schools 484, 527
- Library 13, 20, 21
- McNeil Island (Wash.), Penitentiary 757
- Military posts 1048, 1049
- National Museum, repairs, etc 93
- National Training School for Boys 762
- Public, and public parks of the National Capital, general expenses 83
- Public, and public parks of the National Capital, salaries 81
- Public, construction of (alphabetically arranged) 994–999
- Public, furniture and repairs of same 1006
- Public, general expenses 1003
- Public, mechanical equipment 1001
- Public, operating force for 1005
- Public, operating supplies for 1007
- Public, repairs and preservation 1000
- Public vaults and safes for 1002
- Public schools, District of Columbia 1333
- Quartermaster Corps, United States Army, rent of 1056
- Remodeling, etc 994–999
- Senate Office 12
- St. Elizabeths Hospital 719
- Treasury Department, annual repairs, etc 1000
- Treasury Department, rent of 902
- Vaults 1002
- Where Abraham Lincoln died, repairs to 83

Bullion and coin, freight on 982
Bureau of Accounts, salaries 840
Bureau of Aeronautics, Navy, salaries 822
Bureau of Agricultural Economics, salaries and expenses 276
Bureau of American Republics, International 883, 896
Bureau of Animal Industry, salaries and expenses 140
Bureau of Biological Survey, salaries and expenses 260
Bureau of the Census, salaries and expenses 373–376
Bureau of Chemistry and Soils 230
Bureau, Children's, salaries and expenses 777
Bureau of Construction and Repair—
- Naval Establishment, expenses 806
- Salaries 807

Bureau of Dairy Industry, salaries and expenses 158
Bureau of Education, salaries and expenses 702–705
Bureau of Efficiency, salaries and expenses 42
Bureau of Engineering—
- Naval Establishment, expenses 804
- Salaries 805

Bureau of Engraving and Printing—
- Compensation of employees 955
- Materials and miscellaneous expenses 958
- Plate printing 958
- Salaries 954

Page

Bureau of Entomology, salaries and expenses 246
Bureau of Fisheries, salaries and expenses 428–437
Bureau of Foreign and Domestic Commerce, salaries and expenses 357
Bureau of Forestry, salaries and expenses 204
Bureau of Home Economics, salaries and expenses 301
Bureau of Immigration—
Expenses 770
Salaries 769
Bureau of Indian Affairs, salaries and expenses 478–641
Bureau of Insular Affairs, salaries, office of 1077
Bureau of Interparliamentary Union for Promotion of International Arbitration, expenses 884
Bureau of Labor Statistics, salaries and expenses 768
Bureau of Lighthouses, salaries 406
Bureau of Medicine and Surgery—
Naval Establishment, contingent 814
Salaries 815
Bureau of Militia, War Department, salaries 1141
Bureau of Mines, salaries and expenses 439
Bureau of Naturalization—
Miscellaneous expenses 775
Salaries 774
Bureau of Navigation, Department of Commerce—
Miscellaneous indefinite appropriations 383
Salaries and expenses 379–383
Bureau of Navigation—
Naval Establishment, expenses 793
Salaries 797
Bureau of Ordnance—
Naval Establishment, expenses 808
Salaries 809
Bureau of Pensions—
Employees' retirement act 643
Salaries and expenses 641
Bureau of Permanent Court of Arbitration, International 883
Bureau of Plant Industry, salaries and expenses 163
Bureau for Publication of Customs, Tariffs, International 880
Bureau of Public Health Service—
Expenses 961–981
Salaries, Office of Surgeon General 961
Bureau of Public Roads, salaries and expenses 270
Bureau of Standards—
Investigation of fire-resisting properties 388
Radio research 391
Salaries and expenses 384
Testing railroad track and other scales 401
Testing structural materials 386
Bureau of Supplies and Accounts—
Naval Establishment, maintenance 812
Salaries 813
Bureau of the Budget, salaries and expenses 928
Bureau of Weights and Measures, International 880
Bureau of Yards and Docks—
Naval Establishment, maintenance 716
Salaries 819
Bureau, Veterans', salaries and expenses 101
Bureau, Weather, salaries and expenses 133
Bureau, Women's, salaries and expenses 781
Burial—
Indigent soldiers, District of Columbia 1382
Indigent ex-soldiers, Army and Navy Hospital, Hot Springs, Ark 1157
Burial plats, Confederate, care of 1157
Burke Indian School, Fort Wingate 545
Burns, Oreg., Indian school building 528
Butler Building, Washington, D. C., repairs 1000
Buyers, foreign, directory of 371

C

California—
Miscellaneous Indian funds 601
Naval training station 794, 820
Purchase of lands for Indians in 489
Support of Indians in 588
California Débris Commission, expenses 1165
Camps of instruction, Civilian training, Army 1147
Canada and Alaska, boundary between 881
Canada and the United States, boundary line 881
Canal Zone garrisons, hospital care 1075
Canton, S. Dak., asylum for insane Indians at 587
Cape Spartel Light, coast of Morocco, annual expenses 879
Cape Town, foreign hospital at 887

Page

Capitol—
Architect of, etc., salaries, office of 10
Grounds, improving 11
Power plant 12
Repairs 10
Capitol police—
Contingent fund 10
Salaries 10
Uniforms 10
Care—
And maintenance, Library of Congress 20
And maintenance, Lincoln Memorial 83
And maintenance of Washington Monument 83
Bridges, District of Columbia 1310
Confederate burial plats 1157
Dead of the Navy 815
Executive Mansion 32
Grounds, Bureau of Standards 386
Home, for dependent children, District of Columbia 1362
Indian timberlands 491
Indigent patients, District of Columbia 1370
Insane of Alaska, custody and 710
Insane Filipino soldiers 1077
Insane soldiers of Porto Rico Regiment of Infantry 1077
Lepers, etc., island of Guam 789
Mine buildings, Pittsburgh, Pa 455
Of the dead, Navy 815
Public buildings and public parks of the National Capital 81
Carlsbad Cave national monument 697
Carroll, Jennie, annuity to 1152
Carson, Nev.—
Mint at, salaries, wages, and contingent 983
Support of Indian school 541
Catalogue of Scientific Literature, international 87
Cavalry School, Fort Riley, Kans 1127
Cavalry and Artillery, horses for Engineers and 1048
Cemeteries, national 1152
Census Bureau, salaries and expenses 373–376
Census, fifteenth decennial 376
Center Market, operation and management 300
Central Dispensary and Emergency Hospital, District of Columbia 1370
Channel, South Pass, Mississippi River, maintenance 1180
Chargés d'affaires ad interim, salaries 869
Charleston (S. C.) Navy Yard 820
Chart presentation, estimates, receipts, and appropriations, 1928 A1
Chattanooga and Chickamauga National Park, improvement 1157
Chemical Warfare Service—
Maintenance 1121
Salaries, office of chief of 1125
Chemistry and Soils, Bureau of, Department of Agriculture, salaries and expenses 230
Cherokee, N. C.—
Closing affairs of Eastern Cherokees 490
Support of Indian school 546
Cheyenne Indians, Northern, in Montana, support of 591
Chicago, Ill., Confederate Mound, Oakwood Cemetery 1156
Chickamauga and Chattanooga National Park, improvement 1157
Chickasaw and Choctaw Indians, Oklahoma, per capita payments 630
Chief of Air Corps, salaries, office of 1071
Chief of Chemical Warfare Service, salaries, office of 1125
Chief of Coast Artillery, salaries, office of 1133
Chief of Engineers, salaries, office of 1097
Chief of Finance, salaries, office of 1026
Chief of Naval Operations, salaries, office of 791
Chief of Ordnance, salaries, office of 1110
Chief of Staff, salaries, office of 1016
Children, home care for dependent, District of Columbia 1362
Children's Bureau, salaries and expenses 777
Children's Hospital, District of Columbia 1370
Child welfare, division of, District of Columbia 1361
Child welfare, investigation 778
Chillicothe, Ohio, United States Industrial Reformatory 759
Chilocco, Okla., Indian School 550
China—
Soldiers' monuments or tablets in 1157
Trade act, enforcement of 366
United States courts for, salaries and expenses 894

Page

Chippewa Indians—
In Minnesota, support of 629
In Minnesota, public-school tuition 563
Of the Mississippi, in Minnesota, support of 563
Rocky Boy's Band, Montana, support of 588
St. Croix of Wisconsin 588
Turtle Mountain Band, North Dakota, support of 588
Choctaw Indians—
Fulfilling treaties with, Oklahoma 636
Per capita payments 630
Purchase of lands for 489
Support of 588
Circuit courts, salaries 739
Citizens, training camp, military 1147
Civil employees, Marine Corps, pay of 824
Civil government, Panama Canal 1268
Civilian employees of the Army, who die abroad, disposition of remains of 1155
Civilian instruction—
Rifle ranges for, quartermaster supplies 1149
Ordnance equipment for rifle ranges for 1151
Civil service, retirement and disability fund 644
Civil Service Commission—
Contingent expenses 47
Expert examiners, salaries 46
Field force 45
Presidential postmaster examinations, salaries and expenses 46
Printing and binding 48
Rent of building 48
Salaries 43
Traveling expenses 46
Claims—
Against the United States, defending suits in 731
Commission, German Government's moiety 896
Commission, United States and Austria and Hungary 888
Commission, United States and Germany 888
Commission, United States and Mexico 889
Court of, salaries and expenses 741
For damages to and loss of private property 1025
Of officers, enlisted men, and nurses of the Army for destruction of private property 1026
Clay, Henry, statue of, in Caracas, Venezuela 893
Clay products, investigation of, Bureau of Standards 392
Clerical assistance—
House of Representatives 9
Senate 9
Clerk hire—
At consulates, allowances for 874
Members and Delegates, House of Representatives 9
Shipping Service 382
Steamboat Inspection Service 378
Clerks—
At consulates, allowance for 874
At embassies and legations 869
Salaries of, United States courts 747
Clothing—
And equipage 1032
Marine Corps 826
Coal and transportation, naval vessels 812
Coast and Geodetic Survey—
Field expenses 416
Office expenses 427
Pay and allowances, commissioned officers 425
Pay, etc., of officers and men 423
Repairs and maintenance of vessels 423
Salaries 425
Coast Artillery—
Salaries, office of Chief of 1133
War instruction 1130
Coast Artillery School, Fort Monroe, Va 1128
Coast Guard—
Expenses of 947
Salaries, office of 946
Coast Guard stations—
Establishing 953
Rebuilding and repairing 949
Coast Guard vessels—
Construction of 952
Repairs to 953
Coasters Harbor Island, R. I., Naval War College 796
Coco Solo, Canal Zone, submarine base 820
Cœur d'Alene Indians, Idaho, support of 590
Coin, freight on bullion and, mints and assay offices 982

Page

Coins—
Gold, recoinage of 913
Minor, recoinage of 913
Silver, recoinage of 913
Collecting—
Internal revenue 936
Revenue from customs 922
Seed-grain loans 335
Statistics, Census Bureau 374
Collections—
Housing Corporation 65
National Museum, preservation of 91
Collectors, internal-revenue, salaries and expenses 936
Colleges for agriculture and the mechanic arts 708
Colorado, miscellaneous Indian funds 602
Colorado River front work and levee system 652
Colorado River Reservation, Ariz., irrigation works 503
Colored Children, Industrial Home School for 1376
Colored deaf-mutes, education of 1326
Color standards, development of, Bureau of Standards 391
Columbia Hospital for Women, District of Columbia 1369, 1371
Columbia Institution for the Deaf—
Buildings 721
Current expenses 719
District of Columbia, expenses 1326
Columbia Polytechnic Institute for the Blind 1381
Comanche Indians, Oklahoma, withdrawal of funds of 490
Command and General Staff School, Fort Leavenworth, Kans 1018
Commerce—
Africa, promoting in 363
Aircraft in 353
Domestic 368
Enforcement of acts to regulate 736
Europe and other areas, promoting 358
Far East, promoting 362
Foreign and Domestic, salaries, etc., Bureau of 357
Latin America, promoting 360
Commerce, Department of—
Contingent expenses 340
Printing and binding 350
Rent of buildings 350
Salaries and expenses, offices and bureaus of 347–464
Solicitor, salaries of office of 727
Commercial attachés, Department of Commerce 358
Commission—
American Battle Monuments 36
Arlington Memorial Bridge 37
California Débris 1165
Civil Service, salaries and expenses 43
Employees' Compensation 49
Federal Power, permanent appropriation 56
Federal Radio, salaries and expenses 57
Federal Trade, salaries and expenses 58
Fine Arts, expenses 48
General and special claims, United States and Mexico 889
Inter-American High, United States section 885
International Fisheries 891
International, on Annual Tables of Constants 884
International Prison 883
Interstate Commerce 68
Mixed Claims, German Government's moiety 896
Mixed Claims, United States and Austria and Hungary 888
Mixed Claims, United States and Germany 896
National Capital Park and Planning 1389
Public Utilities, District of Columbia 1287
Tariff 96
Commissioned officers and pharmacists, pay, Public Health Service 962
Commissioner—
Accounts and Deposits, salaries, office of 911
Crater Lake National Park, salary of 740
Education, salaries and expenses, office of 702–708
Fish and Fisheries, salary 428
General Grant National Park, salary of 740
General Land Office, salaries and expenses, office of 470–477
Glacier National Park, salary of 740
Indian Affairs, salaries, office of 478
Internal Revenue, salaries, office of 936
Labor Statistics, salaries, office of 768
Lighthouse, salaries, office of 406
Mount Rainier National Park, salary of 740
Naturalization, salaries, office of 774

Commissioner—Continued. Page
Navigation, salaries, office of 774
Patents, salaries and expenses, office of 437–439
Pensions, salaries and expenses, office of 641–645
Public debt, salary 913
Seqnoia National Park, salary of 740
Yellowstone National Park, salary of 740
Yosemite National Park, salary of 740
Commissioner General of Immigration, salaries, office of 769
Commissioners—
Conciliation, salaries and expenses 766
District of Columbia, salaries 1275
Indian, expenses of 486
Interstate Commerce, salaries 68
National Park 740
Shipping, salaries 382
United States courts, fees 748
Commissions—
General and special claims, United States and Mexico 889
Registers, salaries and 474
Communication lines, Coast Guard 950
Communication on ocean steamers, wireless, enforcement of 350
Compensation—
Employees, Bureau of Engraving and Printing 955
In lieu of moieties 928
Military and naval 109
Postmasters 846
Compensation Board, Navy Department 786
Compensation fund, employees 50
Comptroller of the Currency, salaries, office of 934
Comptroller General, salaries, office of 60
Conciliation, Commissioners of, Department of Labor, salaries, etc 766
Confederate burial plats, care, etc., of 1157
Confederate Mound, Oakwood Cemetery, Chicago, Ill., care and protection of 1156
Confederated Bands of Ute Indians, Utah—
Public-school tuition 566
Support of 595
Withdrawal of tribal funds of 633
Confederate Stockade Cemetery, Johnstons Island, Sandusky Bay, Ohio 1156
Congressional Library—
Printing and binding 19
Salaries and expenses 15
Construction—
And repair of hospitals, Army 1057
And repair of vessels, Navy 806
Buildings, utilities, and appurtenances at military posts 1049
Coast Guard vessels 952
Increase of the Navy 830
Lighthouses, beacons, etc 413
Military posts 1048–1049
Public buildings (alphabetically arranged) 994–999
Railroads in Alaska 711
Roads and trails, national forests 337
Roads and trails, national parks 700
Roads, bridges, and trails, Alaska 1166
Vessels, modernization of naval 830
Construction and Repair—
Bureau of, Naval Establishment, expenses 806
Bureau of, Navy Department, salaries 807
Consular clerks, allowance for 874
Consular officers—
Pay of, for services to American vessels and seamen 896
Transportation of, in going to and from posts 878
While receiving instructions, etc., salaries 878
(*See also* Foreign Service.)
Consular Service, emergencies in Diplomatic and 878
Consulates—
Allowance for clerk hire at 874
Contingent expenses 874
Container act, enforcement of 298
Contingencies—
Army 1015
Headquarters of military divisions and departments 1016
Military Intelligence Division, General Staff Corps 1015
Contingent—
Bureau of Navigation 793
Bureau of Yards and Docks 819
Navy 788
Contingent expenses—
Assay offices 982
Attorney General, office of 729
Civil Service Commission 47
Coast Guard 951
Commerce, Department of 349
Consulates 874
Court of Claims 742
Director of the Mint, office of 982
District of Columbia, offices of 1296
Employees' Compensation Commission 49
Executive Office 32
Federal Trade Commission 48
Foreign missions 871
General Accounting Office 63
House of Representatives 9
Housing Corporation 64
Hydrographic Office, Navy Department 799
Interior Department 467
Justice, Department of 729
Labor, Department of 767
Land offices 475
Library of Congress 19
Mints and assay offices 983
National currency 933
Naval Observatory 801
Navy Department 787
Post Office Department 841
Public moneys 913
Senate 3
Shipping service 383
State Department 867
Steamboat Inspection Service 378
Territorial governments 708, 714
Treasury Department 902
War Department 1012
Contingent fund, Capitol police 10
Contract surgeons, milcage to officers and, Army 1024
Control, biologic products 978
Convention, International Radiotelegraphic 885
Convicts—
American, prisons for 895
District of Columbia, support 1359
Cooperative Agricultural Extension Work, expenses 133
Cooperative construction, Federal-aid highway system 342
Cooperative distribution, forest planting stock 225
Cooperative farm forestry, Department of Agriculture 132
Cooperative office service, district and, Bureau of Foreign and Domestic Commerce 364
Cooperative vocational education 51
Cooperative vocational rehabilitation of persons disabled in industry 53
Cooperative work, Forest Service 227
Coos Bay wagon road grant fund 478
Corn borer, European, prevention of spread 311
Corn-borer research 336
Cotton futures act, enforcement of 291
Counsel, for Pueblo Indians of New Mexico 488
Counterfeiting and other crimes, suppressing 960
Courthouses—
Construction of (alphabetically arranged) 994–998
Washington, D. C., salaries of employees 1357
Court of Appeals—
District of Columbia, salaries and expenses 1358
District of Columbia, building for 1359
Court of Arbitration, permanent, International Bureau of 883
Court of Claims—
Buildings, repairs to 742
Contingent expenses 742
Printing and binding 741
Salaries 741
Court of Customs Appeals, United States, salaries and expenses 740
Court rooms, United States courts, rent of 749
Courts—
Circuit, salaries 739
Customs Appeals, United States, salaries, etc 740
District, United States, salaries 739
District, Territory of Hawaii, salaries 739
District of Columbia 1352
Indian, pay of judges 482
Martial 1024
Supreme, District of Columbia, salaries and expenses 1356
Supreme, United States, salaries 737
United States, expenses 747
United States, for China, salaries and expenses 894
Courts and prisons, District of Columbia 1352

	Page
Crater Lake National Park—	
Improvement and protection of	670
Salary, commissioner of	740
Crimes—	
Detection and prosecution of	732
Suppressing counterfeiting and other	960
Criminals, expenses of bringing home	896
Crow Indians in Montana, fulfilling treaties with	591
Crow Reservation, Mont., irrigation system	511
Cuba, soldiers' monuments or tablets in	1157
Currency, national, expenses of	934
Current expenses—	
Columbia Institution for Deaf	719
Naval Academy	823
Ordnance service	808
St. Elizabeths Hospital	716
Custody—	
Insane of Alaska, care and	710
Library of Congress	21
Customhouses, construction of (alphabetically arranged)	994
Customs Appeals Court, United States, salaries and expenses	740
Customs matters, protecting interests of United States in	730
Customs revenue, expenses of collecting	922
Customs service—	
Debentures or drawbacks	928
Miscellaneous indefinite appropriations	928
Philippine special fund	928
Refund of excessive duties	928
Scales for	927
Customs statistics, compiling	370
Customs tariffs, International Bureau for Publication of	880

D

Dairy Industry, Bureau of, salaries and expenses	158
Dairying and livestock production, in semiarid and irrigated districts	328
Damages to private property, claims for	1025
Dams, navigable waters, maintenance	1185
Date scale, Parlatoria, control and prevention of spread of	309
Dead, care of the, Navy	815
Deaf—	
Columbia Institution for, current expenses	719
Columbia Institution for, District of Columbia, expenses	1326
Deaf-mutes, colored, education of	1326
Debates, Senate, reporting	3
Debentures or drawbacks, customs	928
Débris Commission, California, expenses	1165
Defending—	
Suits in claims against the United States	731
Suits, Patent Office	439
Defenses, seacoast, supplies for	1087
Delegates—	
House of Representatives, clerk hire	9
House of Representatives, salaries and mileage	4
Demonstrations, livestock production	327
Dental materials, investigation of	405
Denver, Colo., mint at, salaries, wages, and contingent	983
Depots—	
Engineer, expenses	1078
Lighthouse	413
Deserters, etc., apprehension of	1024
Destruction of private property, claims of officers, enlisted men, and nurses of the Army, for	1026
Detection of crimes, prosecution and	732
Determining heirs of deceased Indian allottees	485
Devils Lake Sioux Indians, North Dakota, support of	588
Diplomatic and consular establishments, Tokyo, Japan, land	873
Diplomatic officers—	
Salaries	877
Salaries while receiving instructions and in transit	878
Transportation of, in going to and from posts	878
(*See also* Foreign Service.)	
Diplomatic Service, emergencies arising in	878
Director of Naval Communications, salaries, office of	792
Director of the Mint—	
Contingent expenses, office of	982
Salaries, office of	981
Disabled soldiers—	
And sailors, State or Territorial homes for	1240
Appliances for	1164
Trusses for	1164
Disabled Volunteer Soldiers, National Home for	1191
Diseases among Indians, prevention and treatment of	566
Disposition of remains of officers, soldiers, and civil employees	1155
Distinctive paper for United States securities	917
Distributing yards, fuel storage and, District of Columbia	
Distribution, cooperative, forest-planting stock	225
District and cooperative office service, Bureau of Foreign and Domestic Commerce	364
District attorneys, United States courts, salaries and expenses	745
District court, Porto Rico, salaries	739
District court, Territory of Hawaii, salaries	739
District judges, salaries	739
District marshals, salaries, fees, and expenses	744
District of Columbia—	
Anacostia Park	1384
Anacostia River Bridge	1311
Anacostia River Flats, reclamation of	1384
Assessment and permit work	1301
Assessor's office	1279
Auditor's office	1280
Board of Public Welfare	1361
Bridge across Potomac River at Georgetown	1311
Bridges, construction and repair of	1310
Building, care of	1278
Burial of indigent soldiers	1382
Care and treatment of indigent patients	1370
Central Dispensary and Emergency Hospital	1370
Child welfare, division of	1361
Children, home care for dependent	1362
Children's Hospital	1370
Collection and disposal of refuse	1315
Collector's office	1280
Columbia Hospital for Women and Lying-in Asylum	1369, 1371
Columbia Institution for the Deaf	1326
Contingent and miscellaneous expenses	1296
Coroner's office	1282
Corporation counsel	1281
Court of Appeals, salaries and expenses	1358
Courthouse	1358
Courts	1352
Eastern Dispensary and Casualty Hospital	1370
Education of colored deaf-mutes	1326
Electrical department	1319
Emergency fund	1300
Employees' compensation fund	1290
Employees, courthouse, salaries	1357
Engineer department, office of chief clerk	1286
Escheated estates relief fund	1399
Executive Office	1275
Extension of streets and avenues	1399
Extension of water-distribution system	1395
Fees of jurors, supreme court	1356
Fees of witnesses, supreme court	1356
Filtration plant, Washington Aqueduct, care, etc., of	1392
Fire department	1342
Florence Crittenton Home	1381
Francis Scott Key Bridge	1311
Freedmen's Hospital and Asylum	1369
Free Public Library	1291
Fuel storage and distributing yards	457
Gallinger Hospital	1373
Garfield Hospital	1370
Georgetown University Hospital	1370
George Washington University Hospital	1371
Health department	1345
Highway Bridge across Potomac River	1310
Highways department	1283
Home for the Aged and Infirm	1379
Hospital for the Insane	1381
Industrial Home School	1378
Industrial Home School for Colored Children	1376
Industrial Home School fund	1399
Instruction of indigent blind children	1326
Jail	1363
Juvenile court	1352
License bureau	1279
Marking historical places	1300
Medical charities	1369
Metropolitan police	1337
Militia	1382
Miscellaneous expenses, offices of	1296
Miscellaneous expenses, Supreme Court	1360

District of Columbia—Continued. Page
Miscellaneous trust-fund deposits 1399
Municipal architect's office 1286
Municipal court 1354
Municipal Hospital 1373
Municipal Lodging House 1380
National Capital Park and Planning Commission 1389
National Training School for Boys 1368
National Training School for Girls 1368
National Zoological Park 1390
Outstanding liabilities 1400
Park police, salaries 1388
Parks 1386
Pay of bailiffs, etc., courts of 1357
Permanent appropriations 1399
Permit fund 1399
Permit work, assessment and 1301
Playgrounds 1317
Policemen and firemen's relief fund 1342, 1400
Police court 1352
Printing and binding, Supreme Court 1360
Probation system 1357
Providence Hospital 1370
Public convenience stations 1313
Public crematorium 1350
Public parks 1386
Public schools 1322
Public Utilities Commission 1287
Reclamation of Anacostia River Flats 1384
Recorder of deeds 1295
Reformatory 1364, 1366
Refund of erroneous collections 1301
Refunding taxes 1399
Refuse, collection and disposal of 1315
Register of wills 1294
Relief of the poor 1382
Salaries of employees, courthouse 1357
Salaries of employees, Court of Appeals Building 1359
Salaries, offices of 1275
Sewer department 1284
Sewers 1313
Southern Relief Society 1381
Steam engineers, board of examiners 1288
Street cleaning 1316
Street improvements 1301
Suburban roads and streets, repairs of 1310
Superintendent of weights, measures, and markets 1282
Support of convicts 1359
Support of insane 1381
Supreme Court, salaries 1356
Surplus fund 1400
Teachers' retirement fund 1399
Temporary homes for former soldiers and sailors 1380
Traffic, Director of 1290
Training school 1374
Transportation of paupers 1382
Trees and parking department 1285
Tuberculosis hospital 1371
Washington Aqueduct 1392
Washington Home for Incurables 1370
Washington redemption fund 1399
Water department 1394
Water fund 1394
Workhouse and reformatory 1364–1366
Writs of lunacy 1359
Division of Bookkeeping and Warrants, salaries 912
Division of Venereal Diseases, Public Health Service 979
Documents, Superintendent of, office of 27
Domestic and Foreign Commerce, Bureau of, salaries and expenses 357
Draft animals, Coast Guard 950
Drainage, Quartermaster's Department 1054

E

Eastern Dispensary, District of Columbia 1370
Economics of mineral industries 463
Education—
Blind, to promote 1009
Bureau of, salaries and expenses 702
Of colored deaf-mutes 1326
Of natives, Alaska 704
Osage Nation 563
Sioux Nation 565

Efficiency Bureau— Page
Printing and binding 43
Salaries and expenses 42
Eggleston, Archie, purchase of land for use of 490
Electrical department, District of Columbia 1319
Electrical installations—
Hawaii 1090
Panama Canal 1094
Seacoast fortifications 1085
Elevator conductors 10
Embassies—
And legations, salaries of interpreters to 870
Clerks at 869
Quarters for student interpreters at 870
Embassy—
At Tokyo, rent of grounds for 872
Emergencies arising in the Diplomatic and Consular Service 878
Emergency boards, Board of Mediation 40
Emergency funds, District of Columbia 1300, 1394
Emergency Hospital, District of Columbia 1370
Employees—
Bureau of Engraving and Printing, compensation 955
Compensation Commission 49
Courthouse, Washington, D. C., salaries 1357
Court of Appeals Building, District of Columbia 1358
House of Representatives, salaries 4
Senate, salaries 1
Employees' Compensation Commission—
Employees' compensation fund 50
Printing and binding 50
Salaries and expenses 49
Employees' compensation fund, District of Columbia 1290
Employees' retirement act, expenses under, Pension Office 643
Employment service, Department of Labor 782
Encouraging industry among Indians 494
Enforcement—
Acts to regulate commerce 736
Antitrust laws 734
China trade act 366
Cotton futures act and cotton standards act 291
Grain futures act 315
Grain standards act 295
National prohibition and narcotic acts 941
Navigation laws 380
Standard container and produce agency acts 298
Wireless communication laws 350
Engineer depots, United States 1078
Engineering—
Bureau of, salaries 805
Naval Establishment expenses 804
Engineering exercises, Bureau of Navigation 794
Engineering experimental station, Naval Academy, Annapolis, Md 804, 820
Engineer operations, in the field 1081
Engineers, horses for Cavalry, Artillery, and 1048
Engineer equipment of troops 1080
Engineer School, maintenance 1079
Engineers, Chief of, salaries, office of 1097
Engraving—
And Printing, Bureau of, expenses 958
And Printing, Bureau of, salaries 954
Enlisted men, Navy, recreation for 793
Entomology, Bureau of, salaries and expenses 246
Epidemic, diseases, preventing spread of 972
Equipage, clothing and 1032
Equipment—
Bureau of Standards 385
Engineer troops 1080
Mechanical, of public buildings 1001
Military schools and colleges 1147
Mine rescue cars 444
National Guard 1140
Park police, District of Columbia 1389
Post office 844, 859
Standardization of 401
Equipping and arming National Guard 1137
Eradication—
Foot-and-mouth, etc., diseases of animals 57
Erroneous collections, District of Columbia, refund of 1 01
Escheated estates relief fund, District of Columbia 1399
Ethnology, American 86
Euchee, Okla., Indian school 552
Eufaula, Okla., Indian school 553

Page

Europe and other areas, promoting commerce 358
European corn borer, prevention of spread 311
Examinations, national banks 935
Examinations and surveys, South Pass, Mississippi River 1180
Examining surgeons, pensions, fees, and expenses 643
Exchanges—
  International, Smithsonian Institution 85
  Military posts, construction, etc., of 1018
Executive Mansion—
  And grounds, maintenance 32
  Lighting 32
  Repairs, fuel, etc 32
  White House police 33
Executive Office—
  Contingent expenses 32
  Printing and binding 32
  Salaries 31
Exercises, gunnery and engineering, Bureau of Navigation 794
Expenditures—
  And receipts, Postal Service A54–A56
  And receipts, statements A13–A56
  Public debt A14
Expenses—
  Alien Property Custodian, office of 34
  American Battle Monuments Commission 36
  Arbitration boards 39
  Board of Mediation 38
  Board of Tax Appeals 40
  Bringing home criminals 896
  Bureau of Efficiency 42
  Bureau of the Budget 928
  California Débris Commission 1163
  Cape Spartel Light 879
  Civil Service Commission 47
  Closing affairs Eastern Cherokees 490
  Coast Guard 947
  Collecting the revenue from customs 922
  Commission of Fine Arts 48
  Commissioners of Conciliation, salaries and 766
  Court of Appeals, District of Columbia 1358
  Court of Customs Appeals 740
  District attorneys, United States courts 745
  District marshals, United States courts 744
  Division of Venereal Diseases 979
  Emergency boards, Board of Mediation 40
  Employees' retirement act 643
  Engineer depots 1078
  Engraving and printing 958
  Examining surgeons, pensions 643
  Federal Board of Vocational Education 51
  Federal Farm Loan Board 930
  Federal Power Commission 55
  Federal Radio Commission 57
  Federal Reserve Board (special fund) 57
  Federal Trade Commission 58
  Foreign service inspectors 873
  General Accounting Office 63
  Geographic Board 98
  Housing Corporation 64
  Indian Commissioners 486
  Joint Committee on Printing 10
  Library of Congress Trust Fund Board 21
  Loans 917
  Marshals, United States courts, salaries, fees, and 744
  Mining experiment stations 454
  National currency 933
  National Capital Park and Planning Commission 1389
  Osage Tribal Council 633
  Per capita payments, Choctaws and Chickasaws 630
  Postal Service 843
  Prisons for American convicts 895
  Public Health Service 961–981
  Quarantine Service 971
  Regulating immigration 770
  Reporter, Supreme Court 739
  Shipping Board 98
  Tongue River tribal council 590
  United States courts 747
  United States Court for China 894
  United States Employees' Compensation Commission 49
  United States Veterans' Bureau 101
  Women's Bureau 781
Experiment stations—
  Agricultural, salaries and general expenses, office of 120
  Engineering, Naval Academy, Annapolis, Md 804, 820
  Mining 454

Page

Experimental and Research Laboratory, Navy expenses 789
Experiments—
  Bureau of Ordnance 809
  Dairying and livestock production 327
  Livestock production 328
Export industries, Department of Commerce 367
Exposition at Seville, Spain, International 893
Extension, water distribution system, District of Columbia 1395
Extension of streets and avenues, District of Columbia 1399
Extension Service, Department of Agriculture, salaries and general expenses 127

F

Families and effects of officers and employees of Bureau of Foreign and Domestic Commerce, transporation 372
Far East, promoting commerce 362
Farm forestry, cooperative 132
Farm loan bonds, preparation, custody, and delivery of 919
Federal aid highway system, cooperative construction 342
Federal Board for Vocational Education—
  Permanent appropriations 51
  Salaries and expenses 51
Federal Farm Loan Board, salaries and expenses 930
Federal Horticultural Board, salaries and expenses 303
Federal Industrial Institution for Women 757
Federal intermediate credit banks—
  Obligations retired from net earnings derived by the United States from 920
  Securities, expenses 919
Federal Power Commission—
  Permanent appropriations 56
  Printing and binding 56
  Salaries and expenses 55
Federal Radio Commission, salaries and expenses 57
Federal reserve bank franchise tax receipts, obligations retired from 920
Federal Reserve Board, (special fund) 57
Federal reserve notes, preparation and issue of 919
Federal Trade Commission—
  Printing and binding 60
  Salaries and expenses 58
Fees—
  And expenses, examining surgeons, pensions 643
  Commissioners, United States courts 748
  Examining surgeons, pensions 643
  Jurors, Supreme Court, District of Columbia 1356
  Jurors, United States courts 748
  Marshals, United States courts 744
  Witnesses, Supreme Court, District of Columbia 1356
  Witnesses, United States courts 749
Field Artillery—
  Armament 1102
  Instruction in activities 1128
  School, Fort Sill, Okla 1127
Field expenses, Coast and Geodetic Survey 416
Field force, Civil Service Commission 45
Field investigations, public health matters 974
Field service—
  National Guard 1140
  Post Office Department 843
Field station, Woodward, Okla 162
Fifteenth decennial census 376
Fighting fires, national parks 698
File holders and cases, Treasury Department 903
Filing cases—
  Patent Office 439
  Post Office Department 842
Filipino soldiers, insane, care of 1077
Filtration plant, Washington Aqueduct, care, maintenance, etc., of 1392
Finance service, salaries, office of 1024, 1026
Financial statements, receipts, expenditures, etc A13–A56
Fine Arts Commission—
  Expenses 48
  Printing and binding 48
Fines and forfeitures, Navy 797
Fire control—
  At fortifications 1129
  In insular possessions 1131
  Panama Canal 1132
Fire-control installations—
  Seacoast defenses, operation and maintenance of 1063
  Seacoast defenses, insular possessions, operation and maintenance of 1064
  Seacoast defenses, Panama Canal 1064

	Page
Fire-resisting properties, investigation of	388
Fire cooperation, forest	223
Fire department, District of Columbia, salaries and expenses	1342
Firemen's Relief Fund, District of Columbia	1342, 1400
Fire-resisting properties, investigation of, Bureau of Standards	388
First Assistant Postmaster General, salaries, office of	835
Fish hatcheries	433
Fish refuge, upper Mississippi River	437
Fisheries—	
Bureau of, salaries and expenses	428
International commission	891
Five Civilized Tribes—	
Aid of common schools	564
Administration of the affairs of	588
Attorneys for	485
Education	522
Expenses of tribal officers	630
Indian schools for	564
Probate attorneys for	485
Sale of unallotted lands	489
Sequoyah Orphan Training School	551
Support and civilization	588
Five, three, and two per cent funds to States (lands)	477
Flandreau, S. Dak., support of Indian school	556
Flathead Agency, Mont., support of Indians of	588
Flathead Reservation, Mont., irrigation systems	508
Flats, Anacostia River, D. C., improvement of	1384
Flood control, Mississippi River and Sacramento River—	
For prosecuting work	1172, 1173
Funds contributed for	1186, 1187
Florence Crittenton Home, maintenance	1381
Florida Seminole Indians, support of	588
Folding speeches, House of Representatives	9
Food, Drug, and Insecticide Administration	317
Foot-and-mouth, etc., diseases of animals, eradication of	157
Foreign and Domestic Commerce, Bureau of, salaries, etc	357
Foreign buyers, lists of	371
Foreign hospital at Cape Town	887
Foreign intercourse—	
Permanent and indefinite appropriations	896
Salaries and expenses	869
Foreign missions, contingent expenses	871
Foreign Service—	
Allowance to widows or heirs of officers who die abroad	878
Buildings fund	879
Inspectors, expenses of	873
Post allowances to officers	879
Retirement and disability fund	879, 897
Salaries of officers	877
Salaries of officers while receiving instructions and in transit	878
Transportation of Foreign Service officers	878
Transporting remains of officers and clerks	879
Foreign trade—	
Restrictions, investigation of	371
Statistics, compiling of	370
Forest—	
Planting stock	225
Roads and trails	337
Forest fires—	
Cooperation	223
Emergency authorization for fighting, Indian Service	494
Fighting and preventing, Forest Service	209
Fighting in national parks	698
Forest Service—	
Department of Agriculture, salaries and expenses	204
Permanent appropriations	227
Forestry, cooperative farm	132
Fort Apache, Ariz., Indian school	532
Fort Apache Reservation, Ariz., construction of road between Cooley and Whiteriver	635
Fort Belknap Agency, Mont., support of Indians at	588
Fort Belknap Reservation, Mont.—	
Irrigation system	507
Revolving fund	495
Fort Benning, Ga., Infantry School	1126
Fort Berthold Agency, N. Dak., support of Indians of	588
Fort Bidwell, Calif., Indian school	534
Fort Hall Reservation, Idaho—	
Construction of Gibson Unit	506
Irrigation and water system	506
Support of Indians of	588
Fort Leavenworth, Kans., General Staff School	1018
Fort Mifflin, naval ammunition depot	820
Fort Mojave, Ariz., support of Indian school	528
Fort Monroe, Va.—	
Coast Artillery School	1128
Sewerage system	1056
Fort Peck Agency, Mont., support of Indians at	588
Fort Peck Reservation, Mont., irrigation systems	509
Fort Riley, Kans., Cavalry School	1127
Fort Sill, Okla., Field Artillery School	1127
Fort Totten, N. Dak., support of Indian school	547
Fort Wingate, Charles H. Burke School	545
Fortifications—	
Armament of	1106
Coast Artillery war instruction	1130
Fire control	1129
Fire-control installations at seacoast defenses	1063
Gun and mortar batteries	1085
Hawaii, sites for	1091
In insular possessions	1090
Panama Canal	1095
Plans for	1084
Preservation and repair	1086
Proving grounds, Army	1104
Searchlights, etc., at seacoast defenses	1085
Submarine mines	1130
Submarine mines in insular possessions	1131
Supplies for seacoast defenses	1087
Fourth Assistant Postmaster General, salaries, office of	837
Freedmen's Hospital—	
District of Columbia	1369
Salaries, subsistence, etc	723
Free Public Library, District of Columbia, salaries	1291
Freight—	
On bullion and coin, mint and assay offices	982
Transportation, etc., Public Health Service	966
Fuel—	
Coast Guard	948
Executive Mansion, repairs and	32
Navy, and transportation	812
Public buildings and public parks of the National Capital	83
Testing, Bureau of Mines	446
Fuel yards, Government, District of Columbia	457
Fulfilling treaties with Indian tribes—	
Bannocks, Idaho	590
Choctaws, Oklahoma	636
Crows, Montana	591
Navajos, Arizona, schools	562
Pawnees, Oklahoma	592
St. Croix Chippewas	636
Senecas of New York	635
Six Nations of New York	636
Furnishing—	
Artificial limbs and appliances	1163
Furniture—	
And filing cases, Patent Office	439
And fixtures, National Museum	90
Public buildings, purchase and repair	1006

G

Galleries, shooting ranges and	1056
Gallery of Art, National	94
Gallinger Municipal Hospital, maintenance, etc	1373
Gallup-Shiprock Highway, N. Mex., maintenance and repair	634
Ganado irrigation project	504
Garfield Hospital, District of Columbia	1370
Garrisons, Canal Zone, hospital care	1075
Gas work, Bureau of Mines	450
Gauge standardization, Bureau of Standards	396
Gauges, dies, and jigs, manufacture of	1105
Gauging waters of Mississippi	1181
General Accounting Office—	
Printing and binding	63
Salaries and expenses	60
General and Special Claims Commission, United States and Mexico	889
General Board, salaries, Navy Department	786
General expenses—	
Bureau of Agricultural Economics	276
Bureau of Animal Industry	140
Bureau of Biological Survey	260
Bureau of Chemistry and Soils	230
Bureau of Dairy Industry	158
Bureau of Education	702

General expenses—Continued. Page
Bureau of Entomology 246
Bureau of Home Economics 301
Bureau of Mines 439
Bureau of Plant Industry 163
Bureau of Public Roads 270
Bureau of Standards 385
Children's Bureau 779
Coast and Geodetic Survey 427
Experiment Stations, Office of 120
Extension Service 127
Federal Horticultural Board 303
Food, Drug, and Insecticide Administration 317
Forest Service 204
General Land Office 472
Geological Survey 656
Howard University 722
Indian Service 480
Information, Office of 117
Library, Department of Agriculture 119
Lighthouse Service 407
Marine Corps 826
Parks, improvement and care of 83, 1387
Plant quarantine and control administration 304
Public buildings 1003
Superintendent of Documents, Office of 28
Weather Bureau 133
General Grant National Park—
Improvement of 672
Salary of commissioner 740
General Land Office, salaries and expenses 470
General Staff Corps, contingencies, Military Intelligence Division 1015
General Staff School, Fort Leavenworth, Kans 1018
General Supply Committee, salaries 909
Genoa, Nebr., Indian School 539
Geodetic Survey, Coast and, salaries and expenses 416–427
Geographic Board 98
Geological Survey—
General expenses 656–669
Printing, binding, and engraving 469
Salaries, office of 655
Georgetown University Hospital, District of Columbia 1370
George Washington University Hospital, District of Columbia 1371
German Government's moiety, expenses, Mixed Claims Commission 896
Germany and United States, Mixed Claims Commission 888
Gettysburg National Park, improving 1158
Gila River, Reservation, Ariz.—
Irrigation 501
Irrigation, Pima Indian lands 500
Girls, National Training School for, District of Columbia 1368
Glacier, National Park, Mont.—
Improvement, etc., of 673
Salary of Commissioner of 740
Glass, investigation of optical, Bureau of Standards 394
Gold coins, recoinage of 913
Government life insurance fund, Veterans Bureau 111
Government Printing Office—
Salaries 22
Governors, etc., Territories, salaries 708, 714
Grain futures act, enforcement of 315
Grain standards act, enforcement of 295
Grand Canyon National Park 675
Grande Ronde and Siletz Agencies, Oreg., support of Indians of 588
Graves of soldiers, headstones 1154
Great Britain and United States, boundary treaty 882
Great Britain and United States, waterways treaty 886
Great Lakes naval training station 794
Grounds—
Bureau of Standards, improvements, etc 386
Capitol, improving 11
Embassy at Tokyo, Japan, rent of 872
Executive Mansion, maintenance 32
Library 13
Naval Observatory 802
Public schools, District of Columbia 1333
St. Elizabeths Hospital, District of Columbia 716
Guam, island of, care of lepers, etc 789
Guantanamo, Cuba, naval station 820
Guilford Court House, National Military Park 1159
Gun and mortar batteries, constructing 1085
Gunnery exercises, Bureau of Navigation 794

H

Hampton Roads, Va.— Page
Naval operating base 820
Naval training station 794
Harbors—
Improvements, funds advanced for 1186
Improvements, funds contributed for 1185
Improvement of 1167
Haskell Institute, Indian school 535
Hawaii, Territory of—
Contingent expenses 714
District court, salaries 743
Electrical installations 1090
Legislative expenses 715
National park 677
Promotion of vocational education in 53
Seacoast batteries 1091
Salaries, governor and secretary 714
Salaries, justices and judges 743
Sites for fortifications 1091
Hayward, Wis., Indian school at 560
Headquarters, military departments, contingencies 1016
Headstones, graves of soldiers 1154
Health department, District of Columbia 1345
Heating and lighting—
National Museum 90
Post Office Building 843
Heirs of deceased Indian allottees, determination of 485
Heirs of Foreign Service officers who die abroad, allowance to widows or 878
Helena, Mont., assay office, salaries, wages, and contingent 989
Helium production and investigations 458
High-temperature investigation, Bureau of Standards 398
Highway Bridge across Potomac River, District of Columbia, maintenance 1310
Highway system, Federal aid, cooperative constructon 342
Hogback irrigation project, Navajo Reservation, N. Mex 513
Home—
For Aged and Infirm, District of Columbia 1379
For Disabled Volunteer Soldiers, National, support of 1191
Naval, Philadelphia, Pa 797
Home Economics, Bureau of, salaries and expenses 301
Homes—
National 1191
State and Territorial, for disabled soldiers and sailors 1240
Hopi and Navajo Indians, Arizona, water supply 497
Horses for Cavalry, Artillery, and Engineers 1048
Hospital—
Central Dispensary and Emergency 1370
Children's 1370
Columbia, for Women, and Lying-in Asylum 1369, 1371
Eastern Dispensary and Casualty 1370
Foreign, at Cape Town 887
Freedmen's and Asylum, District of Columbia 1369
Freedmen's, Interior Department 723
Gallinger Municipal 1373
Garfield, District of Columbia 1370
George Washington University 1371
Georgetown University 1370
Insane, District of Columbia, support 1381
Naval, fund 816
Providence, District of Columbia 1370
St. Elizabeths, District of Columbia 716
Tuberculosis, District of Columbia 1371
Washington Home for Incurables 1370
Hospital care, Canal Zone garrisons 1075
Hospital Department, medical and 1072
Hospitals—
Construction and repair of, Quartermaster Corps 1057
Marine, improvements and repairs 999–1000
Public Health Service, maintenance 967
Hospital services, medical 109
Hotels, operation of, Housing Corporation 65
Hot Springs National Park, expenses 678
House of Representatives—
Clerk hire, Members and Delegates 9
Contingent expenses 9
Contingent fund, Capitol police 10
Folding speeches 9
Garages, repairs, etc 12
Legislative counsel 10
Office Building, maintenance 12
Salaries and expenses, Joint Committee on Printing 10

House of Representatives—Continued. Page
Salaries and mileage, Members and Delegates 4
Salaries, officers and employees 4
Salaries, Capitol police 10
Statement of appropriations 10
Housing Corporation—
Printing and binding 64
Salaries and expenses 64
Howard University, salaries and maintenance, etc 721
Hungary and United States, Mixed Claims Commission 888
Hydrographic Bureau, International 887
Hydrographic Office—
Contingent and miscellaneous expenses 799
Salaries 798
Hygienic Laboratory, maintenance 966

I

Idaho, miscellaneous Indian funds 602
Immigration stations, remodeling, etc 774
Immigration—
Bureau of, salaries 769
Expenses of regulating 770
Of aliens 876
Improving—
Botanic Garden 14
Capitol Grounds 11
Improvement—
And care of public buildings and public parks of the National Capital 83
And care of parks, District of Columbia
And care of public grounds, Executive Mansion 32
Botanic Garden 14
Birthplace of Washington, Wakefield, Va 1164
Chickamauga and Chattanooga National Park 1157
Crater Lake National Park 670
General Grant National Park 672
Gettysburg National Park 1158
Glacier National Park 673
Grand Canyon National Park 675
Grounds, Bureau of Standards, care and 386
Hawaii National Park 677
Hot Springs National Park 678
Lafayette National Park 679
Lassen Volcanic National Park 681
Mesa Verde National Park 682
Mount McKinley National Park 683
Mount Rainier National Park 684
Platt National Park 686
Potomac Park, District of Columbia 1387
River and harbor works 1167
Rocky Mountain National Park 687
Sequoia National Park 688
Shiloh National Military Park 1160
Vicksburg National Military Park 1161
Water supply, Northern Navajo School, N. Mex 498
Wind Cave National Park 690
Yellowstone National Park 691
Yosemite National Park 693
Zion National Park 694
Improvements, and repairs, District of Columbia 1301
Incidental expenses, Quartermaster Corps 1034
Income tax, expenses of collecting 936
Increase—
Library of Congress 19
Navy, expenses 830
Increasing water supply, District of Columbia 1395
Indian Affairs—
Expenses 478–641
Permanent indefinite appropriations 638–641
Salaries 478
Indian agency, buildings 484
Indian allottees, deceased, determination of heirs of 485
Indian commissioners, expenses 486
Indian courts, pay of judges 482
Indian funds, miscellaneous. (*See* Names of States.)
Indian lands, advertising sale of 488
Indian Office, salaries 478
Indian police, pay 483
Indian reservations—
Expenses of opening to entry in settlement 477
Irrigation 498
Surveying and allotting 487
Indians— Page
Allotments of lands to 487
Counsel for Pueblo 488
Encouraging industry among 494
Five Civilized Tribes, support of 588
Fulfilling treaties with and support of. (*See* Name of tribe.)
In Arizona, support 588
In California, purchase of lands for 489
In California, support of 588
In Florida, Seminole, support of 588
In Nevada, support of 588
In New Mexico, support of 588
In Utah, support of 588
Industry among 494
Insane, asylum at Canton, S. Dak 587
Moneys, proceeds of labor 639
Navajo and Hopi, water supply 497
Of Blackfeet Agency, support 588
Of Chippewa, Turtle Mountain Band 588
Of Choctaws in Mississippi 588
Of Flathead Agency, support 588
Of Fort Belknap Agency, support 588
Of Fort Berthold Agency, support 588
Of Fort Hall Reservation, support 588
Of Fort Peck Agency, support 588
Of Grande Ronde and Siletz Agencies, Oregon, support 588
Of Kansas, Okla., support 588
Of Rocky Boy Band 588
Of Sioux of Devils Lake 588
Of Wichitas and affiliated bands 588
Of Yakima Agency, support 588
Prevention and treatment of diseases among 566
Relieving distress among 566
Support of. (*See also* name of tribe.)
Suppressing liquor traffic among 483
Indian schools—
Support and buildings (*see also* name of school) 520–562
Transportation 526
Indian Service—
General expenses 480
Inspectors 482
Vehicles 484
Indian stock, developing water for 496
Indian supplies, purchase, transportation, etc 481
Indian timberlands, care and protection of 491
Indian trust funds, interest on 637
Indian villages, Papago, water supply 496
Indigent blind children, District of Columbia, instruction of
Indigent ex-soldiers—
Army and Navy Hospital, Hot Springs, Ark., burial of 1157
Burial of, District of Columbia 1382
Indigent in Alaska, relief of 34
Indigent patients, District of Columbia, care, etc., of 1370
Industrial Home School—
District of Columbia 1378
District of Columbia, for colored children 1376
Industrial Home School fund, District of Columbia 1399
Industrial property, International Bureau of the Union for Protection of 887
Industrial research, Bureau of Standards 400
Industrial work, and care of Indian timberlands 491
Industry among Indians, encouraging 494
Infancy and maternity, promotion of the hygiene and welfare of 779
Infantry School, Fort Benning, Ga 1126
Information, office of salaries and general expenses 117
Insane—
Alaska, care and custody of 710
District of Columbia, support of 1381
Insane Filipino soldiers, care of 1077
Insane Indians, asylum for, at Canton, S. Dak 587
Insane soldiers, Porto Rico Regiment of Infantry, care of 1077
Inspection, meat, animal industry 155
Inspection of prisons and prisoners 763
Inspector General, salaries, office of 1020
Inspector General Steamboat-Inspection Service, salaries, office of 377
Inspectors—
Foreign Service 873
Indian Service 482
Meat, additional appropriation 155
Post office 839, 844
Steamboat, salaries 377

Page

Institute of Agriculture, International, at Rome, Italy 884
Instruction—
Indigent blind children, District of Columbia 1326
Deaf and dumb, District of Columbia 1326
Field Artillery activities 1128
Instruments—
And supplies, Bureau of Navigation, Navy 794
Standardization 401
Insular Affairs, salaries, Bureau of, War Department 1077
Insular possessions—
Armament of fortifications 1108
Fire control in 1132
Maintenance of fire-control installations at seacoast defenses 1064
Plans for fortifications 1090
Preservation and repair of fortifications 1090
Seacoast defenses, supplies for 1091
Submarine mines 1131
Insurance—
Government life-insurance fund, Veterans' Bureau 111
Military and naval 110
Inter-American High Commission, expenses 885
Interest, public debt of the United States 919
Interests of the United States in customs matters, protecting 730
Interior Department—
Contingent expenses 467
Indian affairs 478–641
Miscellaneous indefinite appropriations 477, 637, 641, 701, 707, 719
Pensions 641
Printing and binding 469
Salaries, office of Secretary 465
Internal revenue—
Collecting 936
Collecting the income tax 936
Commissioner of, salaries, office of 936
Enforcement of the narcotic and national prohibition acts 941
Indefinite appropriations 940
International Boundary Commission, United States and Canada, and Alaska and Canada 882
International Bureau of American Republics—
Expenses 883
Printing and binding 883
International Bureau of Permanent Court of Arbitration, expenses 883
International Bureau for Publication of Customs Tariffs, expenses 880
International Bureau of the Union for Protection of Industrial Property 887
International Bureau of Weights and Measures, contribution to 880
International Catalogue of Scientific Literature, Smithsonian Institution 87
International Commission on Annual Tables of Constants, contribution to 884
International exchanges, Smithsonian Institution 85
International exposition at Seville, Spain 893
International Fisheries Commission, expenses, share of 891
International Hydrographic Bureau, expenses 887
International Institute of Agriculture, at Rome, Italy 884
International Joint Commission, United States and Great Britain, on waterways 886
International map of the world 892
International Office of Public Health, contribution to 885
International Prison Commission, expenses 883
International Radiotelegraphic Convention, contribution to 885
International Railway Congress, expenses 884
International Research Council, expenses 887
International Road Congress 892
International Statistical Institute, The Hague 891
International Trade-Mark Registration Bureau, quota of United States 887
International Union of American Republics—
Expenses 883
Receipts from sales, etc 896
Printing and binding 883
International (Water) Boundary Commission, United States and Mexico 892
Interparliamentary Union for Promotion of International Arbitration, Bureau of 884
Interpreters to embassies and legations, salaries 870

Page

Interstate Commerce Commission—
Printing and binding 78
Salaries and expenses 68
Interstate Quarantine Service, expenses 976
Intoxicating liquors, suppressing traffic in, Alaska 710
Inventions—
Public use of, Patent Office 439
Rewards to postal employees for 843
Investigating mine accidents 441
Investigations—
Bureau of Education 703
Bureau of Standards 386–405
Children's Bureau 778
Clay products 392
Dental materials 405
Fire-resisting properties 388
Foreign trade restrictions 371
Helium 460
Mineral mining 448
Oil, gas, and oil shale 450
Optical glass 394
Pension cases, Pension Office 642
Potash deposits 462
Public Health Service 974
Public Utility Standards, Bureau of Standards 389
Textiles, paper, leather, and rubber 395
Iowa, miscellaneous Indian funds 604
Irrigation—
Blackfeet Reservation, Mont 510
Colorado River Reservation, Ariz 503
Crow Reservation, Mont 511
Flathead Reservation, Mont 508
Fort Belknap Reservation, Mont 507
Fort Hall Reservation, Idaho 506
Fort Peck Reservation, Mont 509
Ganado project 504
Gila River Reservation, Ariz 501
Hogback project 513
Indian reservations 498
Klamath Reservation, Oreg 514
Laguna Pueblo, N. Mex 512
Modoc Point, Klamath Reservation 514
Navajo Reservation, N. Mex 513
Papago Reservation, Ariz 496
Pima Indian lands, Arizona 500
Pueblos in New Mexico 514
Pyramid Lake Reservation, Nev 512
San Carlos Reservation 505
San Xavier Reservation 504
Satus 517
Toppenish and Simcoe Creek 516
Uintah Reservation 515
Wapato 516
Wind River Reservation, Wyo 519
Yakima Reservation, Wash 516
Yuma Reservation, Calif. and Ariz 505
Isthmian Canal—
Fortifications 1093
Maintenance and operation 1241

J

Jail, District of Columbia 1363
Japanese beetle, preventing spread of 312
Jicarilla Reservation, additional land for 490
Johnstons Island, Sandusky Bay, Ohio, Confederate Stockade Cemetery 1156
Joint Committee on Printing, salaries and expenses 10
Judge Advocate General—
United States Army, salaries, office of 1021
United States Navy, salaries, office of 790
Judges—
Circuit, salaries 739
Court of Claims, salaries 741
District, salaries 739
Indian courts, pay 482
Marshals, etc., Territory of Alaska, salaries 743
Retired, salaries 739
Supreme Court, District of Columbia, salaries 1356
Territory of Hawaii, salaries 743
United States Court of Customs Appeals 740
Judicial Establishment, salaries 737
Judicial officers—
Books for 751
Supplies for 751

	Page
Judicial offices, examination of	734
Jurors, Supreme Court, District of Columbia, fees of	1356
Jurors, United States courts, fees of	748
Justice, Department of—	
Contingent expenses	729
Printing and binding	729
Rent of buildings	729
Salaries and expenses	727
Traveling and miscellaneous expenses	730
United States courts, expenses	750
Justices—	
Court of Appeals, District of Columbia, salaries	1358
Supreme Court, United States, salaries	737
Territory of Hawaii, salaries	743
Juvenile court, District of Columbia, salaries and expenses	1352

K

Kansas, miscellaneous Indian funds	605
Kansas Indians, Oklahoma, support of	588
Keepers, lighthouses, salaries	410
Kickapoo Indians, Oklahoma, support of	588
Kiowa Indians, Oklahoma—	
Homesteads	490
Withdrawal of funds of	491
Kissinger, John R., annuity to	1152
Klamath Reservation, Oreg., irrigation systems	514

L

Labor Department—	
Employment Service	782
Miscellaneous indefinite appropriations	777
Printing and binding	768
Rent	768
Salaries and expenses	765
Salaries, office of solicitor for	727
Labor-saving machines, Treasury Department	904
Labor Statistics, Bureau of, salaries and miscellaneous expenses	768
Lafayette National Park, improvement of	679
Laguna Indians, New Mexico, irrigation system	512
Lake Denmark, N. J., naval ammunition depot	820
Lake surveys, ocean and, Bureau of Navigation	794
Land—	
Additional, for Jicarilla Reservation, N. Mex	490
Additional, for Papago Reservation, Ariz	490
For Choctaw Indians	489
For Indians in California, purchase of	489
Public, protecting, etc	475
Public, surveying	473
Pueblo, board	737
Purchase of, for Temoak Indians in Nevada	490
Purchase of, for use of Archie Eggleston	490
Land-grant colleges, investigation of	703
Land grants, surveying within	477
Land offices, contingent expenses	472
Lands—	
And other property of the United States, care, etc	1008
Five Civilized Tribes, sale of unallotted	489
Outstanding liabilities	478
Repayment for, erroneously sold	477
Unearned moneys	478
Lassen Volcanic National Park, Calif., protection	681
Latin America, promoting commerce in	360
Lawrence, Kans., support of Indian school	535
Laws—	
Antitrust, enforcement of	734
Navigation, enforcement of	380
Wireless communication, enforcement of	350
Lazier, Mabel H., annuity to	1152
Leather investigations, Bureau of Standards	395
Leavenworth, Kans., United States penitentiary	752
Leech Lake Reservation, Minn., construction of road	635
Legations—	
Clerks at embassies and	869
Interpreters to embassies and, salaries	870
Legislative Counsel, office of	10
Legislative establishment, salaries and expenses	1
Legislative expenses, Territorial governments	709, 715
Lepers, care of, islands of Guam and Culion	787
Library—	
Agricultural Department, salaries and expenses	119
Free Public, District of Columbia	1291
National, for the Blind	1381
Library—Continued.	
Navy Department, books for	788
Navy Department, salaries	790
Scientific, Patent Office	438
Surgeon General's Office	1076
Treasury Department	912
Library of Congress—	
Building and grounds	13
Care and maintenance of building	20
Contingent expenses	19
Custody and maintenance of building	21
Increase of	19
Interest account on bequest	21
Printing and binding	19
Salaries	15
Sunday opening	18, 20
Temporary services	21
Trust fund board	21
Lighthouse Bureau, salaries, office of	406
Lighthouse keepers, salaries of	410
Lighthouses—	
Construction, etc	413
Salaries of keepers	410
Lighthouse Service—	
General expenses	407
Public works	413
Retired pay	412
Salaries	412
Salaries, keepers of lighthouses	410
Salaries, lighthouse vessels	410
Lighthouse tenders, construction	413
Lighthouse vessels, salaries	410
Lighting—	
Executive Mansion	32
National Museum, heating and	90
Post Office Building	843
Lights, Cape Spartel, annual expenses	879
Light stations, establishing	413
Light vessels—	
Construction	413
Salaries	410
Limbs, artificial	1163
Lincoln, Abraham—	
Birthplace of, preservation of, special fund	1162
Memorial to, care and maintenance	83
Repairs of house where he died	83
Liquor traffic among Indians, suppressing	483
Liquor traffic in Alaska, suppressing	710
Lists of foreign buyers	371
Livestock production, experiments, etc	327, 328
Loans—	
Collection of seed grain	335
Expenses of	917
Loss of private property, claims for damages to and	1025
Losses by fire, burglary, etc., Post Office Department	844
Lummi Reservation, Wash., reclaiming lands	518
Lunacy writs, District of Columbia	1359

M

Machine rifles, automatic, Army	1101
Machinery—	
Increase of the Navy	830
Steam, Navy	804
Maintenance—	
Blackfeet irrigation system	510
Bureau of Supplies and Accounts	812
Bureau of Yards and Docks	816
Channel, South Pass, Mississippi River	1180
Coast Artillery war instruction	1130
Crow Reservations, irrigation systems	511
Dams and other improvements of navigable waters	1185
Executive Mansion and grounds	32
Filtration plant, District of Columbia	1392
Fire-control installations	1063
Fire-control installations, insular possessions	1064
Fire-control installations, Panama Canal	1064
Flathead irrigation system	508
Fort Belknap irrigation system	507
Fort Hall irrigation system	506
Fort Peck irrigation system	509
Fuel yard, District of Columbia	457
Ganado irrigation project	504
Hogback irrigation project	513

Maintenance—Continued. Page
Hospitals, Public Health Service 967
House Office Building 12
Howard University 722
Hygienic Laboratory 966
Irrigation project, San Xavier 504
Irrigation projects, Yakima Reservation 516
Irrigation systems, Indian reservations 498
Klamath irrigation systems 514
Laguna Pueblo irrigation system 512
Lepers, etc., islands of Guam and Culion 787
Library of Congress 20
Lincoln Memorial 83
Marine Corps 826
Military Academy 1135
Muscle Shoals, Ala., Dam No. 2 1170
National cemeteries 1152
Naval Academy 823
Panama Canal 1241
Pima Indian lands, irrigation system 500
Pumping plants, San Carlos Reservation 505
Pyramid Lake irrigation system 512
Quarantine Service 971–976
Railroads in Alaska 711
River and harbor works 1167
Roads, bridges, and trails, Alaska 1166
Senate Office Building 12
Toppenish and Simcoe Creek irrigation projects 516
Unsold property, Housing Corporation 67
Vessels, Coast and Geodetic Survey 423
Vessels, Bureau of Fisheries 434
Washington Monument, care and 83
Yakima Reservation, reservoirs 516
Yards and docks 816
Maintenance charges, lands of Paiute Indians, Truckee-Carson project, Nevada 512
Maltby Building, repairs and improvements 12
Manufacture, arms 1100
Maps—
Geological 665
Military surveys 1083
World, International 892
Mare Island, Calif., naval ammunition depot 820
Marine Corps—
Care of the dead 815
Pay and expenses 823
Pay of, deposit fund 826
Reserve 829
Marine hospitals—
Maintenance 1000
Repairs and preservation 999–1000
Marine schools, New York, Massachusetts, and Pennsylvania 789
Marshals—
Territory of Alaska, salaries 743
United States courts, salaries, fees, and expenses 744
Materials—
Bureau of Engraving and Printing 958
Dental, Bureau of Standards, investigation 405
Standard, Bureau of Standards 402
Structural, Bureau of Standards, testing 386
Maternity and infancy, promotion of the welfare and hygiene of 779
McNeil Island, Wash., United States penitentiary 755
Measures, International Bureau of Weights and 880
Meat inspection, Bureau of Animal Industry 155
Mechanical appliances, testing, etc., Bureau of Standards 393
Mechanical equipment, of public buildings 1001
Mechanical shops and power plant, Department of Agriculture 115
Medals, national trophy and, for rifle contests 1151
Mediation, Board of, salaries and expenses 38
Medical and Hospital Department, Army 1072
Medical and hospital services, United States Veterans' Bureau 109
Medical and surgical history, World War 1164
Medical charities, District of Columbia 1369
Medical Department, Bureau of Medicine and Surgery 814
Medical history, World War 1164
Medical Museum, Army 1075
Medical relief, for natives of Alaska 706
Medicine and Surgery—
Bureau of, Naval Establishment, expenses 814
Bureau of, Navy Department, naval hospital fund 816
Bureau of, Navy Department, salaries 815
Melville, R. I., naval fuel depot 820

Members of Congress— Page
Clerk hire 9
Salaries and mileage 4
Memorial Bridge, Arlington, Va 37
Men, Coast Survey vessels, pay, etc., of 423
Menominee Indians, Wisconsin, per capita payment 636
Menominee Reservation, revolving fund 495
Mesa Verde National Park, Colo., improvements, etc 682
Message of, President of the United States v
Metallurgical research, Bureau of Standards 398
Metropolitan police, District of Columbia 1337
Mexico and United States—
General and Special Claims Commission 889
International (Water) Boundary Commission 880
Michigan, miscellaneous Indian funds 605
Mileage—
Army 1024
Coast Guard 950
Members and Delegates, House of Representatives 4
Senators 1
Rates for motor vehicles, Agricultural Department 335
Military Academy—
Maintenance 1135
Pay 1133
Public works 1135
Military Air Corps, maintenance, etc 1066
Military and naval compensation, United States Veterans' Bureau 109
Military and naval insurance, United States Veterans' Bureau 110
Military cable and telegraph system, Washington-Alaska 1163
Military department headquarters, contingencies 1016
Military equipment, schools and colleges 1147
Military Intelligence Division, General Staff Corps, contingencies 1015
Military Park—
Chickamauga and Chattanooga 1157
Gettysburg 1158
Guilford Courthouse 1159
Shiloh 1160
Vicksburg 1161
Military post exchanges, construction, etc., of 1018
Military posts—
Construction 1049
Water and sewers 1053
Military schools, supplies and equipment 1147
Military surveys and maps 1083
Military training camps, citizens' 1147
Militia—
Arming and equipping 1137
District of Columbia 1382
Organized, arms, uniforms, equipment, etc 1140
Militia Affairs, Bureau of, War Department, salaries 1141
Mine accidents, investigating 431
Mine rescue cars, purchase, equipment, and operation of 444
Mine scales investigations, Bureau of Standards 397
Mineral industries, economics of 463
Mineral leasing act, payments to States from receipts under 478
Mineral mining, investigations 448
Mines—
Submarine, insular possessions 1131
Submarine, Panama Canal 1132
Submarine, purchase, manufacture, and maintenance [1130
Mines, Bureau of—
Printing and binding 350
Salaries and expenses 439–464
Mining experiment stations, expenses 454
Mining investigations—
Alaska 444
Mineral 448
Ministers, salaries of ambassadors and 869
Minnesota—
Chippewas in, and self-support 629
Miscellaneous Indian funds 606
Minor coins, recoinage of 913
Mint, Director of, salaries and contingent expenses, office of 981
Mint and assay offices—
Freight on bullion and coin 982
Salaries, wages, and contingent expenses 983
Miscellaneous expenses—
Account of property sold Housing Corporation 67
Agricultural Department 115
Bureau of Engraving and Printing 958
Bureau of Fisheries 432
Bureau of Labor Statistics 769
Bureau of Naturalization 775

Miscellaneous expenses—Continued. Page
Department of Justice, traveling and 730
District of Columbia, offices of 1296
Federal Farm Loan Board 931
Hydrographic Office 799
Naval Academy 823
Naval Observatory 801
Supreme Court, District of Columbia 1360
United States courts 750
United States Supreme Court 738
Miscellaneous Indian funds. *See* names of States.
Miscellaneous materials, testing, Bureau of Standards 390
Miscellaneous pay, Navy 788
Miscellaneous trust fund deposits, District of Columbia 1399
Mississippi, support of Choctaws 563
Mississippi Chippewa Indians, Minnesota, support of 563
Mississippi River—
Atchafalaya and Old Rivers, removing obstructions in 1179
Examinations and surveys of South Pass 1180
Flood control, for prosecuting work 1172
Flood control, funds contributed for 1187
Gauging waters 1181
Maintenance of channel, South Pass 1180
Operating snag and dredge boats on 1179
Wild life and fish refuge 268, 437
Mixed Claims Commission—
German Government's moiety 896
United States and Austria and Hungary 888
United States and Germany 889
Modernization of naval vessels 830
Modoc Point irrigation system, Klamath Reservation, Oreg 514
Moieties, compensation in lieu of 928
Montana, miscellaneous Indian funds 607
Monuments—
Erection of, to Majors Reno and Benteen 635
Erection of, to Quannah Parker 635
In Cuba and China 1157
National 696, 1162
Osage Nation, erection of 635
Washington, care, etc 83
Mortar batteries, gun and 1085
Moths, control and prevention of, spread of 310
Motor vehicles, rates for, Agricultural Department 335
Mount McKinley National Park, improvement 683
Mount Pleasant, Mich., support of Indian school 537
Mount Ranier National Park—
Improvement 684
Salary, commissioner of 740
Municipal court, District of Columbia 1354
Municipal Hospital, District of Columbia 1373
Municipal lodging house, District of Columbia 1380
Muscle Shoals, Ala., Dam No. 2 1170
Museum—
Army Medical 1075
National, expenses 95
National, printing and binding 95

N

Narcotic act, enforcement of 941
National Advisory Committee for Aeronautics—
Expenses 79
Printing and binding 81
National banks, examinations of 935
National board for promotion of rifle practice 1149
National Capital Park and Planning Commission, salaries and expenses 1389
National cemeteries—
Burial of indigent patients, Army and Navy hospitals 1157
Headstones for graves of soldiers 1154
Maintaining 1152
Repairing roads to 1154
National currency, expenses 933
National forest—
Fund, refunds to depositors, excess of deposits 227
Reservation commission 227
National Gallery of Art—
Administration 94
Printing and binding 95
National Guard—
Arming, equipping, and training 1137
Arms, uniforms, and equipment 1140
National Home for Disabled Volunteer Soldiers, support of 1191
National Library for the Blind 1381
National military parks 1157
National monuments— Page
Maintaining, Department of War 1162
Protection of, Department of the Interior 696
National Museum—
Books 94
Furniture and fixtures 90
Heating and lighting 90
Postage 94
Preservation of collections 91
Printing and binding 95
Repairs of buildings, shops, etc 93
National park commissioners, salaries 740
National Park Service—
Donations to 701
Printing and binding 469
Salaries 699
National parks—
Chickamauga and Chattanooga 1157
Crater Lake 670
Crater Lake, salary of commissioner 740
Fighting fires in 698
General Grant 672
General Grant, salary of commissioner 740
Gettysburg 1158
Glacier 673
Glacier, salary of commissioner 740
Grand Canyon 675
Guilford Courthouse 1159
Hawaii 677
Hot Springs 678
Lafayette 679
Lassen Volcanic 681
Mesa Verde 682
Mount McKinley 683
Mount Ranier 684
Mount Ranier, salary of commissioner 740
Platt 686
Purchase of lands 699, 701
Roads and trails 700
Rocky Mountain 687
Sequoia 688
Sequoia, salary of commissioner 740
Shiloh 1160
Southern Appalachian 701
Vicksburg 1161
Wind Cave 690
Yellowstone 691
Yellowstone, salary of commissioner 740
Yosemite 693
Yosemite, salary of commissioner 740
Zion 694
National prohibition act, enforcement of 941
National Sanitarium for Disabled Volunteer Soldiers 12, 34
National Training School for Boys—
District of Columbia 1368
Washington, D. C., support 760
National Training School for Girls, District of Columbia 1368
National trophy and medals, for rifle contests 1151
National Zoological Park, improvements, etc 1390
Native inhabitants, Alaska—
Education of 704
Medical relief for 706
Naturalization, Bureau of—
Miscellaneous expenses 775
Salaries, etc 774
Nautical Almanac Office, salaries 803
Navajo and Hopi Indians, Arizona, water supply for 497
Navajo Indians, Arizona, fulfilling treaties with 562
Navajo Reservation, Ariz, Ganado irrigation project 504
Navajo Reservation, N. Mex., Hogback irrigation project 513
Navajo School, northern, improvement of water supply 498
Naval Academy—
Buildings and grounds 823
Engineering experimental station 804, 820
Pay and expenses 822
Naval ammunition depots—
Fort Mifflin, Pa 820
Lake Denmark, N. J 820
Mare Island, Calif 820
St. Juliens Creek, Va 820
Naval and military compensation, U. S. Veterans' Bureau 109
Naval and military insurance, U. S. Veterans' Bureau 110
Naval communications, salaries, office of director 792
Naval Examining Board, salaries 786
Naval fuel depot, Melville, R. I 820

	Page
Naval Home, Philadelphia, Pa., maintenance	797
Naval hospital, fund	816
Naval Intelligence, salaries, office of	793
Naval Observatory—	
Contingent and miscellaneous expenses	801
Salaries	801
Naval operating base, Hampton Roads, Va	820
Naval Operations, Chief of, salaries, office of	791
Naval Records and Library, salaries, office of	790
Naval Reserve—	
Expenses	795
Officers' Training Corps	796
Naval Retiring Board, salaries	786
Naval stations—	
Guantanamo, Cuba	820
Pearl Harbor, Hawaii	820
Naval training stations—	
Great Lakes, maintenance	794
Hampton Roads, Va	794
Newport, R. I	794
San Diego, Calif	794, 820
Naval vessels, modernization of	830
Naval War College, maintenance	796
Navigation—	
Bureau of, Department of Commerce, salaries	379
Bureau of, Naval Establishment, expenses	793
Bureau of, Navy Department, salaries	797
Contingent	793
Operating and care of canals and other work of	1183
Permanent International Commission of Congresses of	1182
Removing obstructions endangering	1184
Navigation facilities, air	355
Navigation laws, enforcement of	380
Navy—	
Aeronautics	821
Ammunition	830
Aviation	821
Contingent	788
Fines and forfeitures	797
Increase of	830
Pay	810
Pay, miscellaneous	788
Pay of, deposit fund	814
Pensions	641
Provisions	811
Ships' stores profits	814
Transportation	811
Navy Department—	
Contingent expenses	787
Library, books for	788
Miscellaneous indefinite appropriations	797, 814
Printing and binding	787
Research laboratory	789
Salaries, bureaus and offices of	785
Navy yards—	
Boston, Mass	820
Charleston, S. C	820
Mare Island, Calif	820
New York, N. Y	820
Norfolk, Va	820
Philadelphia, Pa	820
Portsmouth, N. H	820
Puget Sound, Wash	820
Nebraska, miscellaneous Indian funds	610
Nevada—	
Miscellaneous Indian funds	610
Support of Indians in	588
New Mexico—	
Counsel for Pueblo Indians in	488
Miscellaneous Indian funds	611
Support of Indians in	588
New Orleans, La., mint at, salaries, wages, and contingent	985
Newport, R. I., naval training station	794
New York, N. Y.—	
Assay office at, salaries, wages, and contingent	990
Navy yard	820
New York Seneca Indians, fulfilling treaties with	635
New York Six Nations Indians, fulfilling treaties with	636
Norfolk (Va.) Navy Yard	820
North Carolina, Indian school	546
North Dakota, miscellaneous Indian funds	613
Northern Arapahoe Indians, Montana, support of	591
Northern Cheyenne Indians, Montana, support of	591
Northville, Mich., fish hatchery	433

	Page
Oakwood Cemetery, Chicago, Ill., care, etc., of Confederate Mound	1156
Obligations—	
Retired from Federal reserve bank franchise tax receipts	920
Retired from net earnings derived by the United States from Federal intermediate credit banks	920
Observatory—	
Astrophysical, Smithsonian Institution	88
Naval, contingent and miscellaneous expenses	801
Naval, salaries	801
Ocean and lake surveys, Bureau of Navigation	794
Office expenses, Coast and Geodetic Survey	427
Officers—	
And employees of Bureau of Foreign and Domestic Commerce, transporting remains of	372
And soldiers who die abroad, disposition of remains of	1155
Army, mileage to	1024
House of Representatives, salaries of	4
Senate, salaries	1
Vessels, Coast Survey, pay, etc., of	423
Ohio River, operating snag boats on	1181
Oil and gas operations, Osage Nation, Oklahoma	632
Oil, oil shale, and gas work, Bureau of Mines	450
Oklahoma, miscellaneous Indian funds	615
Opening Indian reservation to entry and settlement	477
Operating and care, canals and other works of navigation	1183
Operating force for public buildings	1005
Operating snag boats—	
Ohio River	1181
Upper Mississippi, Illinois, and Minnesota Rivers	1179
Operating supplies for public buildings	1007
Operation—	
Center Market	300
Fuel yards	457
Hotels, Housing Corporation	65
Mine rescue cars	444
Panama Canal	1241
Projects, Housing Corporation	65
Pumping plants, San Carlos Reservation	505
Railroads in Alaska	711
Opium, etc., restricting the sale of	941
Optical glass, investigation of, Bureau of Standards	394
Ordnance—	
And ordnance stores, Navy	808
Bureau of Naval Establishment, expenses	808
Bureau of, Navy Department, salaries	809
Chief of, salaries, office of	1110
Equipment, rifle ranges for civilian instruction	1151
Materials, proceeds of sale, war	1106
Stores, ammunition, Army	1099
Stores and supplies, Army	1100
Ordnance Service—	
Army	1098
Current expenses	1098
Oregon, miscellaneous Indian funds	617
Organized reserves, Officers' Reserve Corps	1141
Organizing Naval Reserve	795
Osage Agency, support of	630
Osage Nation—	
Education	563
Erection of monument	635
Oil and gas operations	632
Osage Tribal Council, expenses	633
Outfits, Coast Guard	949
Outstanding liabilities—	
District of Columbia	1400
Interior Department	478
Overcrowding of passenger vessels, preventing	381

P

Paiute Indians—	
Lands, drainage assessments	512
Lands, maintenance charges	512
Panama, payment to Government of	886
Panama Canal—	
Armament of fortifications	1109
Civil government	1268
Fire control	1132
Fortifications	1093, 1095
Hospital care	1075
Maintenance and operation	1241
Maintenance of fire-control installations, seacoast defenses	1064

Panama Canal—Continued. Page
Sanitation 1265
Seacoast batteries 1093
Seacoast defenses 1095
Searchlights and electrical installations 1094
Submarine mines 1132
Supplies, seacoast defenses 1095
Pan American Sanitary Bureau 884
Pan American Union—
Expenses 883
Quotas 896
Papago Indian villages, Arizona, water supply for 496
Papago Reservation, Tucson-Ajo Road, construction and improvement 635
Paper—
Distinctive, for United States securities 917
Investigations, Bureau of Standards 395
Park and Planning Commission, National Capital, District of Columbia 1389
Park police, salaries and expenses 1388
Parker, Quannah, erection of monument to 635
Parks, District of Columbia 1386
Parlatoria date scale, control and prevention of spread of 309
Passenger-carrying vehicles, purchase, maintenance, etc., Agricultural Department 330
Passenger vessels, preventing overcrowding of 381
Passport Bureaus, Department of State 868
Patent Office—
Furniture and filing cases 439
Printing and binding 350
Salaries and expenses 437–439
Paupers, District of Columbia, transportation 1382
Pawnee Indians, Oklahoma, fulfilling treaties with 592
Pay—
Acting assistant surgeons, Public Health Service 963
Army drill 1139
Army 1022
Army, deposit fund 1027
Attendants, etc., Public Health Service 963
Bailiffs, etc., District of Columbia courts 1357
Bailiffs, etc., United States courts 749
Coast Guard 947
Commissioned officers, Coast and Geodetic Survey 425
Commissioned officers and pharmacists, Public Health Service 962
Extra, to Regular Army, war with Spain 1152
Extra, to volunteers, war with Spain 1152
Indian police 483
Judges, Indian courts 482
Marine Corps 823
Military Academy 1133
Miscellaneous, Navy 788
Naval Academy 822
Navy 810
Navy, deposit fund 814
Navy, miscellaneous 788
Officers and men, vessels, Coast Survey 423
Personnel and maintenance of hospitals, Public Health Service 967
Regular assistant attorneys, United States courts 746
Special assistant attorneys, United States courts 747
Superintendents of national cemeteries 1152
Payments—
Of rewards, Post Office Department 846
To certain counties of Oregon and Washington in lieu of accrued taxes 478
To Government of Panama, treaty of November 18, 1903 886
To school funds, Arizona and New Mexico, national forest fund 229
To States and Territories from the national forest fund 229
To States for experiment stations 120
To States from receipts under mineral leasing act 478
Pearl Harbor, Hawaii—
Naval station 820
Submarine base 820
Penitentiary, Atlanta, Ga., United States 754
Penitentiary, Leavenworth, Kans., United States 752
Penitentiary, McNeil Island, Wash., United States 755
Pension cases, Pension Office, investigation of 642
Pension Office—
Investigation of pension cases 642
Salaries 641
Pensions— Page
Army and Navy 641
Fees of examining surgeons 643
Permanent appropriations (found under departments and bureaus controlling the same).
Permanent Court of Arbitration, International Bureau of 883
Permanent International Commission of Congress of Navigation 1182
Permit fund, District of Columbia 1399
Permit work, District of Columbia, assessment and 1301
Philadelphia, Pa.—
Mint at, salaries, wages, and contingent 985
Naval Home, maintenance 797
Navy Yard 820
Philippine Islands—
Barracks and quarters, Army 1052
Care of insane Filipino soldiers 1077
Philippine special fund—
Customs 928
Internal revenue 940
Phoenix, Ariz., support of Indian school 529
Photolithographing, Patent Office 439
Pierre, S. Dak., support of Indian school 557
Pima Indian lands, Arizona, irrigation 500
Pink bollworm, control and prevention of spread of 307
Pipestone, Minn., support of Indian school at 538
Pittsburgh, Pa., care of mine buildings 455
Plans—
For fortifications 1084
For fortifications, insular possessions 1090
For fortifications, Panama Canal 1093
Plant Industry, Bureau of, Department of Agriculture, salaries and expenses 163
Plant Quarantine and Control Administration, salaries and expenses 304
Plate printing, Bureau of Engraving and Printing 958
Platt National Park, protection, etc., of 686
Playgrounds, District of Columbia, expenses 1317
Pneumatic-tube service, Post Office Department 850
Police—
Capitol, salaries and contingent fund 10
Indian, pay of 483
Metropolitan, District of Columbia 1337
Park, District of Columbia 1388
White House, salaries, etc 33
Policemen and firemen's relief fund, District of Columbia 1342, 1400
Police court, District of Columbia 1353
Ponca Indians, Oklahoma, support of 588
Poor of the District of Columbia, relief of 1382
Porto Rico—
Salaries, district court 739
Special fund 940
Porto Rico Regiment of Infantry, care of insane soldiers of 1077
Portsmouth (N. H.) Navy Yard 820
Postage—
National Museum 94
Treasury Department 909
Postage to Postal Union countries, War Department 1013
Post allowances to Foreign Service officers 879
Postal Union countries, postage to, War Department 1013
Postal Service—
Expenditures and receipts A54–A56
Expenses 843
Post exchanges, military, construction, etc., of 1018
Postmaster General, salary 833
Postmasters, compensation to 846
Post offices, construction (alphabetically arranged) 994
Post Office Department—
Contingent expenses 841
Field service 843
Postal Service 843
Printing and binding 842
Salaries 833
Posts, military, construction, etc 1049
Potash deposits, investigating 462
Potomac Park, District of Columbia—
Connecting parkway between Rock Creek Park and 1387
Improvement of 1387
Potomac River at Washington, D. C.—
Bridge at Georgetown, D. C 1311
Highway Bridge across, maintenance 1310

Page

Power plant—
Capitol 12
Equipment, Bureau of Standards 406
Mechanical shops and Department of Agriculture 115
Preparation and issue Federal reserve notes 919
Preparation, custody, and delivery—
Federal farm loan bonds 919
Federal intermediate credit bank securities 919
Preservation—
And repair of fortifications 1086
And repair of fortifications, insular possessions 1090
And repair of fortifications, Panama Canal 1095
Antietam battle field 1155
Birthplace of Lincoln 1162
Collections, National Museum 91
Marine hospitals, repair and 999–1000
Public buildings, repair and 1000
Quarantine stations, repair and 1000
President of the United States—
Contingent expenses, office of 32
Message v
Salaries, office of 31
Salary of 31
Traveling expenses 32
Presidential postmaster examinations, salaries and expenses 46
Preventing—
Forest fires 209
Overcrowding of passenger vessels 381
Spread of epidemic diseases 972
Prevention—
Diseases among Indians, treatment and 566
Spread of European corn borer 311
Spread of Japanese beetles 312
Spread of moths 311
Printing—
Bureau of Engraving and, salaries 954
Engraving and, expenses 958
Public, and binding 22
Printing and binding—
Agriculture, Department of 118
Alien Property Custodian 35
Board of Mediation 40
Board of Tax Appeals 42
Bureau of the Budget 930
Civil Service Commission 48
Commerce, Department of 350
Court of Claims 741
Efficiency, Bureau of 43
Executive Office 32
Federal Power Commission 56
Federal Trade Commission 60
Fine Arts Commission 48
General Accounting Office 63
Housing Corporation 64
Interior, Department of the 469
Interstate Commerce Commission 78
Justice, Department of 729
Labor, Department of 768
Library of Congress 19
National Advisory Committee for Aeronautics 81
Navy Department 787
Post Office Department 842
Public buildings and public parks of the National Capital 84
Shipping Board 100
Smithsonian Institution 95
State Department 868
Supreme Court 738
Supreme Court, District of Columbia 1360
Tariff Commission 98
Treasury Department 907
United States Employees' Compensation Commission 50
United States Geographic Board 98
United States Veterans' Bureau 109
War Department 1014
Prison Commission, International 883
Prisons—
For American convicts, expenses of 895
Inspection of prisoners and 763
Prisoners—
Inspection of prisons and 763
United States courts, support of 762
Private property—
Claims for damages to and loss of 1025
Claims of officers, enlisted men, and nurses of the Army for destruction of 1026
Probate attorneys, Five Civilized Tribes 485
Probation systems—
District of Columbia 1357
United States courts 762
Proceedings and debates, Senate, reporting 3
Produce agency act, enforcement of 298
Prohibition act, enforcement of 941
Projects, operation of, Housing Corporation 65
Promotion—
Commerce, Africa 363
Commerce, Europe and other areas 358
Commerce, Far East 362
Commerce, Latin America 360
Of foreign and domestic commerce 357–373
Of international arbitration, bureau of 884
Of vocational education in Hawaii 53
Of welfare of maternity and infancy 779
Property—
Industrial, International Bureau of the Union for protection of 887
United States, care of lands and 1008
Prosecution of crimes, detection and 732
Protecting—
Interests of the United States in customs matters 730
Public lands and timber 475
Seal and salmon fisheries of Alaska 436
Protection—
American seamen, relief and 877
Crater Lake National Park 670
General Grant National Park 672
Glacier National Park 673
Grand Canyon National Park 675
Hawaii National Park 677
Hot Springs 678
International, of industrial property, Patent Office 887
Lafayette National Park 679
Lassen Volcanic National Park 681
Mesa Verde National Park 682
Mount McKinley National Park 683
Mount Rainier National Park 684
National monuments 696
Of watersheds of navigable streams, acquisition of lands for 225
Platt National Park 686
Rocky Mountain Park 687
Sequoia National Park 688
Wind Cave National Park 690
Yellowstone National Park 691
Yosemite National Park 693
Zion National Park 694
Providence Hospital, District of Columbia 1370
Proving ground, Army 1104
Publication, Customs Tariffs, International Bureau 880
Public buildings—
And public parks of the National Capital, salaries and expenses 81
Construction (alphabetically arranged) 994–999
Furniture and repairs of same for 1006
General expenses of 1003
Mechanical equipment of 1001
Operating force for 1005
Operating supplies for 1007
Outside professional services 1005
Remodeling, etc 994–999
Repairs and preservation of 1000
Vaults and safes for 1002
Public Buildings Commission 84
Public convenience stations, maintenance 1313
Public crematorium, District of Columbia 1330
Public debt—
Commissioner of, salary 913
Interest on 919
Statement of operations A88
Statement June 30, 1927 A86
Public Debt Service, salaries and expenses 913
Public documents—
Superintendent of, salaries, office of 27
Superintendent of, general expenses, office of 28
Public Health Office, International 885
Public Health Service—
Expenses 961–981
Surgeon General, salaries, office of 961
Public lands—
Deposits by individuals for surveying 477
Protecting 475
Surveying 473
Public moneys, contingent expenses for collection, etc 913

Page

Public Printer, salaries, office of 22
Public printing and binding 22
Public Roads, salaries and expenses, Bureau of 270
Public schools—
Alaska fund 715
District of Columbia, buildings and grounds 1327
District of Columbia, salaries and expenses 1322
Public timber, protecting 475
Public use of inventions, and defending suits, Patent Office 439
Public-utility standards, investigation of problems in connection with 389
Public Utilities Commission, District of Columbia 1287
Public Welfare, Board of 1361
Pueblo Indians—
Counsel for 488
Lands, flood protection 514
Water supply 498
Pueblo Lands Board, expenses 737
Puget Sound, Wash., navy yard 820
Purchase—
Indian supplies 481
Mine rescue cars 444
Purchase of lands—
For Choctaw Indians 489
For homeless Indians in California 489
For Temoak Indians in Nevada 490
For use of Archie Eggleston 490
Of sheep for Southern Ute Indians, Colorado 495
Purchases and/or redemptions of bonds, etc., from cash repayments of principal by foreign governments 920
Pyramid Lake Reservation, Nev.—
Irrigation 512

Q

Quapaws, Oklahoma, support of 593
Quarantine Service—
Interstate 976
Maintenance 971
Quarantine stations—
Construction, etc 999
Repairs, etc., of buildings 1000
Quartermaster Corps—
Army transportation 1038
Construction of buildings, utilities, and appurtenances 1049
Incidental expenses 1034
Regular supplies 1028
Rent of buildings 1056
Subsistence 1027
Supplies for schools and colleges 1147
Support of the Army 1027
Quartermaster General, United States Army, salaries, office of 1057
Quartermaster supplies—
Rifle ranges for civilian instruction, services 1149
Reserve Officers' Training Corps, equipment, etc 1145
Quarters—
Barracks and, Army 1049
Barracks and, Philippine Islands 1052
Student interpreters, embassies to Japan and Turkey 870

R

Radio research, Bureau of Standards 391
Radioactive substances, investigation 403
Radiotelegraphic convention, International 885
Railroad scales, etc., Bureau of Standards, testing 401
Railroads in Alaska—
Additional income tax on 940
Construction, maintenance, and operation 711
Railway Congress, International 884
Railway Mail Service 854
Ranges and shooting galleries 1056
Rapid City, S. Dak., Indian school 559
Receipts—
And expenditures, statements A13–A56
And expenditures, Postal Service A54–A56
Public debt A95
Reclamation charges, Paiute allotted lands 512
Reclamation fund, expenditures 645
Reclamation of land, Lummi Reservation, Wash 518
Reclamation projects, Yuma allotments, California 505
Recoinage—
Gold coins 913
Minor coins 913
Silver coins 913

Page

Recorder of Deeds, Office of, District of Columbia 1295
Recreation, for enlisted men, Navy 793
Red Lake Reservation, Minn.—
Road work 634
Surveying and allotting 487
Redemptions—
Bonds, etc., from cash repayments of principal by foreign governments 920
Bonds, etc., received as interest payments on obligations of foreign governments 920
Bonds, etc., received as repayments of principal by foreign governments 920
Washington redemption fund, District of Columbia 1399
Redistribution, funds for indigent, Alaska fund 34
Reformatories—
District of Columbia 1364, 1366
United States Industrial, Chillicothe, Ohio 759
Refunding—
Erroneous collections, District of Columbia 1301
Excessive duties 928
Taxes, District of Columbia 1399
Taxes, illegally collected 939
Refund to depositors, excess of deposits, national-forest fund 227
Register of the Treasury, salaries, office of 916
Register of wills, office of, District of Columbia 1294
Registers, salaries and commissions 474
Regular assistant attorneys, United States courts, pay of 746
Regular supplies, Quartermaster Corps 1028
Regulating immigration, expenses 770
Reindeer for Alaska, purchase of 707
Relief—
And protection of American seamen 877
Of distress among Indians 566
Of indigent, Alaska fund 34
Poor, District of Columbia 1382
Remains—
Of civil employees of the Army who die abroad and soldiers who die on transports, bringing home 1155
Of Foreign Service officers, and clerks, transporting 879
Of officers and employees of Bureau of Foreign and Domestic Commerce, transporting 372
Of officers of Public Heath Service, transporting 967
Of officers, soldiers, and civilian employees, disposition of 1155
Remodeliug, etc., public buildings 999
Removing obstructions—
Endangering navigation 1184
Mississippi, Atchafalaya, and Old Rivers 1179
Reno, Major, erection of monument to 635
Reno-Sparks Indian Colony, Nev., water supply 498
Rent—
Buildings, Civil Service Commission 48
Buildings, Department of Agriculture 116
Buildings, Department of Commerce 350
Buildings, Department of Justice 729
Buildings, Department of Labor 768
Buildings, Post Office Department 849
Buildings, Quartermaster Corps, United States Army 1056
Buildings, Treasury Department 902
Court rooms, United States courts 749
Grounds for embassy at Tokyo, Japan 872
Temporary quarters 999
Repairs—
And preservation of public buildings, quarantine stations, etc 1000
Arsenals 1105
Botanic Garden 14
Building where Abraham Lincoln died 83
Buildings at Indian agencies 484
Butler Building, Washington, D. C 1001
Capitol 10
Coast Guard vessels 953
Executive Mansion 32
Fortifications, Panama Canal 1095
Fortifications, preservation and 1086
Furniture for public buildings 1006
Hospitals, construction and (Army) 1057
Library of Congress 13
Marine hospitals 999–1000
National Museum 93
Naval Academy 823
Naval vessels, construction and 806
Public buildings and public parks of the National Capital 83
Quarantine stations 1000
Roads, bridges, and trails, Alaska 1166, 1188, 1189

Repairs—Continued. Page
Roads to national cemeteries 1154
Treasury Building 1001
Vessels, Coast Survey 423
Vessels, Navy 806
Repayment for lands erroneously sold 477
Replacement of property destroyed by fire, flood, or storm 484
Reporter, Supreme Court, salary and expenses of 739
Reporting proceedings and debates, Senate 3
Rescuing shipwrecked American seamen 880
Research and Experimental Laboratory, Navy 789
Research Council, International 887
Reserve, Naval, organizing 795
Reserve Officers' Training Corps, Naval 796
Reserve Officers' Training Corps, Quartermaster supplies 1145
Reserves, Organized, Officers' Reserve Corps 1141
Reservations—
Commission, National Forest 227
Opening Indian 477
Surveying and allotting Indian 487
Retired pay, Lighthouse Service 412
Retired United States judges, salaries 739
Retirement act, Bureau of Pensions, salaries 643
Retirement funds—
Civil Service 644
Foreign Service 879
Teachers', District of Columbia 1399
Revenue—
Customs, expenses of collecting 922
Internal revenue, expenses of collecting 936
Revenue steamers, repairs to 953
Rhode Island—
Naval training station 794
Naval War College 796
Rifles, automatic machine, Army 1101
Rifle contests, national trophy and medals for 1151
Rifle ranges—
Civilian instruction, ordnance supplies for 1151
Quartermaster supplies and services for 1149
Rivers—
Improvements, funds advanced for 1186
Improvements, funds contributed for 1185
Improvement of 1167
Riverside, Calif., support of Indian school 533
River steamers, Alaska, operation of 711
Road Congress, International 892
Roads—
And trails for States, national forests fund 229
And trails, forest 337
And trails, national parks 700
Army 1054
Bridges and trails, Alaska 1166, 1188, 1189
Bureau of, salaries and expenses 270
Fort Apache Reservation, Ariz 635
Red Lake Reservation, Minn 634
Suburban, District of Columbia, repairing 1310
To national cemeteries, repairing 1154
Rock Creek Park, connecting parkway between Potomac Park and 1387
Rock Island, Ill., bridge, care, etc 1104
Rocky Boy Band of Chippewas, Montana, support of 588
Rocky Mountain National Park, Colo., protection, etc 687
Rome, Italy, International Institute of Agriculture at 884
Roosevelt Indian School, Fort Apache, Ariz 532
Rubber, investigations, Bureau of Standards 395
Rural sanitation, studies of 977

S

Sacramento River, flood control 1173, 1186
Safes, vaults and, for public buildings 1002
Sailors and soldiers, disabled, State or Territorial homes for 1240
St. Croix Chippewas, fulfilling treaties with 636
St. Elizabeths Hospital—
Buildings 719
Current expenses 716
Miscellaneous trust funds 719
Support of indigent insane, District of Columbia 1381
St. Juliens Creek, Va., naval ammunition depot 820
Salaries—
Adjutant General's Office 1019
Agricultural Economics, Bureau of 276
Agriculture, office of Secretary of 113
Alien Property Custodian, office of 34
Ambassadors and ministers 869
American Battle Monuments Commission 36
Salaries—Continued. Page
American ethnology, Smithsonian Institution 86
And commissions, registers and receivers 474
And expenses, collectors of internal revenue 936
And expenses, Court of Appeals, District of Columbia 1358
And expenses, Federal Board for Vocational Education 51
And expenses, United States Court for China 894
And expenses, United States Geographic Board 98
And mileage of Members and Delegates 4
And mileage of Senators 1
Animal Industry, Bureau of 140
Arbitration boards, Board of Mediation 39
Architect of the Capitol, office of 10
Architect, Supervising, Office of 993
Assay offices 988
Astrophysical Observatory, Smithsonian Institution 88
Attorney General, office of 727
Attorneys, marshals, etc., Territory of Alaska 743
Biological Survey, Bureau of 260
Board of Mediation 38
Board of Public Welfare 1361
Board of Tax Appeals 40
Botanic Garden 13
Bureau of—
Accounts 840
Aeronautics 822
Agricultural Economics 276
Animal Industry 140
Biological Survey 260
Budget 928
Census 373
Chemistry and Soils 230
Construction and Repair 807
Dairy Industry 158
Education 702
Efficiency 42
Engineering 805
Engraving and Printing 954
Entomology 246
Fisheries 428
Foreign and Domestic Commerce 357
Forestry 204
Home Economics 301
Immigration 769
Insular Affairs, War Department 1077
Labor Statistics 768
Lighthouses 406
Mines 439
Medicine and Surgery 815
Militia, War Department 1141
Naturalization 774
Navigation, Department of Commerce 379
Navigation, Navy Department 797
Ordnance, Navy Department 809
Pensions, employees' retirement act 643
Plant Industry 163
Public Roads 270
Public Health Service 961
Soils 230
Standards 384
Supplies and Accounts 813
the Budget 928
Yards and Docks 819
Capitol police, House of Representatives 10
Capitol police, Senate 10
Census Bureau 373
Chargés d'affaires ad interim 869
Chemistry and Soils, Bureau of 230
Chief of Air Corps 1071
Chief of Chemical Warfare Service 1125
Chief of Coast Artillery, office of 1133
Chief of Engineers, office of 1097
Chief of Finance, office of 1026
Chief of Naval Operations, office of 791
Chief of Ordnance, office of 1110
Chief of Staff, office of 1016
Children's Bureau 777
Circuit Court of Appeals 747
Circuit judges 739
Civil Service Commission 43
Clerks, United States courts 747
Coast and Geodetic Survey 425
Coast Guard, office of 946
Collectors, etc., of internal revenue 936
Commerce, office of Secretary of 347
Commissioner General of Immigration, office of 769

Salaries—Continued. Page
Commissioner of—
Accounts and Deposits 911
Crater Lake National Park 740
Education, office of 702
Fish and Fisheries 428
General Grant National Park 740
General Land Office, office of 470
Glacier National Park 740
Indian Affairs, office of 478
Internal Revenue, office of 936
Labor Statistics, Bureau of 768
Lighthouses 406
Mount Rainier National Park 740
Naturalization, office of 774
Navigation, Department of Commerce 379
Patents, office of 437
Pensions, office of 641
Sequoia National Park 740
The Public Debt 914
Yellowstone National Park 740
Yosemite National Park 740
Commissioners of Conciliation 766
Commissioners of the District of Columbia 1275
Compensation Board, Navy 786
Comptroller of the Currency, office of 934
Congressional Library 15
Construction and Repair, Bureau of 807
Consuls, while receiving instructions and in transit 878
Court of Appeals, District of Columbia 1358
Court of Claims 741
Court of Customs Appeals 740
Custom service 922
Dairy Industry, Bureau of 158
Delegates, House of Representatives 4
Diplomatic officers while receiving instructions, etc 878
Director of Naval Communications, office of 792
Director of the Budget, office of 928
Director of the Mint, office of 981
Disbursing clerk, office of 892
District attorneys 745
District court, Territory of Hawaii 739
District judge for Porto Rico 739
District judges 739
District marshals 747
District of Columbia, offices of 1275
Division of Appointments 892
Division of Bookkeeping and Warrants 892
Domestic and Foreign Commerce, Bureau of 357
Education, Bureau of 702
Employees' Compensation Commission 49
Employees, Court of Appeals Building, District of Columbia 1359
Employees, courthouse, Washington, D. C 1357
Employees, House of Representatives 4
Employees' retirement act, Bureau of Pensions 643
Employees, Senate 1
Enforcement of Narcotic and National Prohibition Acts 942
Engineers, office of Chief of 1097
Engraving and Printing, Bureau of 954
Entomology, Bureau of 246
Executive Office 31
Experiment Stations, Office of 120
Expert examiners, Civil Service Commission 46
Extension Service, Department of Agriculture 127
Federal Board for Vocational Education 51
Federal Farm Loan Board 930
Federal Horticultural Board 303
Federal Power Commission 55
Federal Radio Commission 57
Federal Reserve Board (special fund) 57
Federal Trade Commission 58
Fine Arts Commission 48
Food, Drug, and Insecticide Administration 317
Foreign and Domestic Commerce, Bureau of 357
Foreign Service officers 877
Forest Service 204
General Accounting Office 60
General Board, Navy 786
General Land Office 470
General Supply Committee 909
Geodetic and Coast Survey 425
Geographic Board 98
Geological Survey 655
Governor and secretary, Territory of Hawaii 714

Salaries—Continued. Page
Governor, Territory of Alaska 708
Home Economics, Bureau of 301
House of Representatives 4
Housing Corporation 64
Howard University 721
Hydrographic Office 798
Immigration Bureau 769
Indian Office 478
Information, office of 117
Inspection and Survey, Board of 792
Inspector General, office of 1020
Insular Affairs, Bureau of 1077
Interior Department, office of Secretary 465
Internal Revenue, office of Commissioner of 936
International Catalogue of Scientific Literature, Smithsonian Institution 87
International Exchanges, Smithsonian Institution 85
Interpreters to embassies and legations 870
Interstate Commerce Commission 68
Joint Committee on Printing, Senate and House 10
Judge Advocate General, United States Army, office of 1021
Judge Advocate General, United States Navy, office of 790
Judges, etc., Court of Claims 741
Judges, marshals, etc., Territory of Alaska 743
Judges of circuit courts 739
Justice and judges, Supreme Court, District of Columbia 1356
Justice, Department of 727
Justices, etc., Supreme Court of the United States 737
Justices and judges, Territory of Hawaii 743
Keepers of lighthouses 410
Labor Statistics, Bureau of 768
Labor, Department of 765
Legislative counsel, office of 10
Library, Agricultural Department 119
Library of Congress 15
Library of Navy Department 790
Lighthouse Bureau 406
Lighthouse keepers 410
Lighthouse Service 412
Lighthouse vessels 410
Marshals, United States courts 744
Medicine and Surgery, Bureau of 815
Members, House of Representatives 4
Militia Bureau, War Department 1141
Mines, Bureau of 439
Ministers 869
Mints and assay offices 982
National Advisory Committee for Aeronautics 79
National bank examiners 935
National Capital Park and Planning Commission, District of Columbia 1389
National Gallery of Art 94
National Museum 90
National park commissioners 740
National Park Service 669
Naturalization, Bureau of 774
Nautical Almanac Office 803
Naval Examining Board 786
Naval Intelligence, office of 793
Naval Observatory 801
Naval Operations, office of Chief of 791
Naval Records and Library, office of 790
Naval Retiring Board 786
Navigation, Bureau of, Navy Department 797
Navigation, Bureau of, Department of Commerce 379
Navy Department, bureaus and offices of 785
Officers and employees, House of Representatives 4
Officers and employees, Senate 1
Ordnance, Bureau of 809
Ordnance, office of Chief of 1110
Park police, District of Columbia 1388
Patent Office 437
Pension Office 641
Plant Industry, Bureau of 163
Plant Quarantine and Control Administration 304
Postmaster General, office of 833
Post Office Department, offices of 833
President of the United States 31
President of the United States, office of 31
Printing and Engraving, Bureau of 954
Public Buildings and Public Parks of the National Capital 81
Public Buildings Commission 84
Public Debt Service 914

Salaries—Continued. Page
Public Health Service 961
Public-land offices 474
Public parks, District of Columbia 1386
Public Printer, office of 22
Public Roads, Bureau of 270
Quartermaster General, office of 1057
Railway Mail Service 854
Reclamation fund 649
Register of the Treasury, office of 916
Registers of public-land offices 474
Reporter, Supreme Court 739
Retired judges 739
St. Elizabeths Hospital 716
Secretary, Territory of Alaska 708
Secretary of Agriculture, office of 113
Secretary of Commerce, office of 347
Secretary of the Interior, office of 465
Secretary of Labor, office of 765
Secretary of the Navy, office of 785
Secretary of State, office of 865
Secretary of the Treasury, office of 899
Secretary of War, office of 1011
Secret Service Division 960
Senate 1
Senators 1
Shipping Board 98
Shipping commissioners 382
Shipping service 382
Signal Office 1065
Smithsonian Institution 84
Soils, Bureau of 230
Solicitor of Department of Commerce, office of 727
Solicitor of Department of Interior 466
Solicitor of Post Office Department 838
Solicitor of Department of Labor, office of 727
Solicitor of Department of State 727
Solicitor of the Treasury, office of 727
Standards, Bureau of 384
State Department 865
Steamboat Inspection Service 377
Steamboat inspectors 377
Superintendent of Documents, office of 27
Supervising Architect, Office of 993
Supervising Inspector General Steamboat Inspection Service, office of 377
Supplies and Accounts, Bureau of 813
Supply division, Treasury Department 906
Supreme Court, District of Columbia 1356
Supreme Court, United States 737
Surgeon General, office of 1076
Surgeon General Public Health Service, office of 961
Tariff Commission 96
Treasurer United States, office of 932
Treasury Department, offices of 899
United States court for China 894
United States Court of Customs Appeals 740
United States Veterans' Bureau 101
Vice President of the United States 31
Vocational rehabilitation 53
War Department, offices of 1011
Water department, District of Columbia 1394
Weather Bureau 133
White House police 33
Women's Bureau 781
Yards and Docks, Bureau of 819
Sale—
Advertising Indian lands 488
Opium, etc., restricting 941
Timber, expenses incidental to 493
Unallotted lands, Five Civilized Tribes 489
Salem, Oreg., support of Indian school 554
Salt Lake City, assay office, salaries and wages 991
San Carlos Reservation, Ariz., pumping plants 505
San Diego, Calif., Naval Training Station 794, 820
San Francisco, Calif., mint at, salaries, wages and contingent expenses 987
San Xavier Reservation, Ariz., maintenance and operation, irrigation project 504
Sanitary Bureau, Pan American 884
Sanitation—
Panama Canal 1265
Studies of rural 977
Santa Fe, N. Mex., support of Indian school 543
Saratoga, Wyo., fisheries station 433
Satus irrigation project, Yakima Reservation, Wash 517

Scales— Page
Mine, investigation 397
Testing railroad track and other 401
For customs service 927
Schools—
Coast Artillery, Fort Monroe, Va 1128
Command and General Staff, Fort Leavenworth, Kans 1018
District Training School 1374
Engineer 1079
Field Artillery, Fort Sill, Okla 1079
Indian, support of (*see also* name of school) 520–564
Industrial Home, District of Columbia 1378
Industrial Home, District of Columbia, for Colored Children 1376
Military, equipment 1147
National Training, for Boys, Washington, D. C 760, 1368
National Training, for Girls, District of Columbia 1368
Public, District of Columbia, buildings and grounds 1327
Public, District of Columbia, salaries and expenses 1322
Tank Corps 1126
Scientific library, Patent Office 438
Scientific Literature, International Catalogue of 87
Seacoast batteries—
Hawaii 1091
Panama Canal 1093
Seacoast defenses—
Insular possessions, supplies for 1091
Maintenance, etc., fire-control installations at 1063
Panama Canal 1095
Supplies for 1087
Seacoast fortifications, searchlights 1085
Seamen—
American, relief and protection 880
Shipwrecked American, rescuing 880
Searchlights and electrical installations—
Hawaiian Islands 1090
Panama Canal 1094
Seacoast fortifications 1085
Seattle, Wash., assay office, salaries and expenses 992
Second Assistant Postmaster General, salaries, office of 836
Secretary—
Agriculture, salaries, office of 113
Commerce, salaries, office of 347
Interior, salaries, office of 465
Labor, salaries, office of 765
Navy, salaries, office of 785
State, salaries, office of 865
Treasury, salaries, office of 899
War, salaries, office of 1011
Secret Service Division, salaries 960
Securities, United States, distinctive paper for 917
Seed grain, loans, collection of 335
Seminole Indians, Florida, support of 588
Senate—
Contingent expenses 3
Contingent fund, Capitol police 10
Garages, repairs, etc 12
Joint Committee on Printing 10
Legislative counsel 10
Office Building, furnishing and maintenance 12
Reporting proceedings and debates 3
Salaries and mileage of Senators 1
Salaries of Capitol police 10
Salaries of officers and employees 1
Statement of appropriations 10
Senate and House garages and Maltby Building 12
Seneca Indians of New York, fulfilling treaties with 635
Sequoia National Park—
Improvement of 688
Salary of commissioner 740
Sequoyah Orphan Training School, Five Civilized Tribes 551
Seville, Spain, International Exposition 893
Sewerage system, Fort Monroe, Va 1056
Sewers—
District of Columbia 1313
Military posts, water and 1053
Shiloh National Military Park, improvement 1160
Shipping Board—
Printing and binding 100
Salaries and expenses 98
Shipping commissioners, salaries 382
Shipping fund, Shipping Board 100
Shipping service—
Clerk hire 382
Contingent expenses 383
Miscellaneous indefinite appropriations 383

	Page
Ships of the Navy, ammunition for	830
Ships' stores profits, Navy	814
Shipwrecked American seamen, rescuing	880
Shooting galleries and ranges	1056
Shoshone Indians—	
In Wyoming, support of	588, 596
Support of, employees, etc	596
Shoshone Reservation, Wyo.—	
Support of Indian school	520
Signal Office, salaries	1065
Signal Service, Army	1059
Siletz and Grande Ronde Agencies, Oreg., support of Indians	588
Silver coins, recoinage of	913
Simcoe Creek irrigation project, maintenance and operation	516
Sinking fund—	
United States	919
Statements	A94
Sioux Indians—	
Civilization of	588
Different tribes, support	593
Of Devils Lake, N. Dak., support	588
Yankton Tribe, in South Dakota, support	588
Sioux Nation, education	565
Six Nations Indians of New York, fulfilling treaties with	636
Smithsonian Institution—	
Additional Assistant Secretary	89
Administrative office	84
American ethnology	86
Astrophysical Observatory	88
Interest account, permanent appropriation	95
International Catalogue of Scientific Literature	87
International exchanges	85
National Gallery of Art	94
National Museum	90
Printing and binding	95
Soils, Bureau of, Department of Agriculture, salaries and expenses	230
Soldiers—	
And sailors, State and Territorial homes for	1240
Artificial limbs for	1163
Disabled, appliances for	1164
Disabled, trusses for	1164
Disabled Volunteers, National Home for	1191
Headstones for graves of	1154
Home, interest account	1190
Home, permanent fund	1190
Indigent, burial of	1157, 1382
Who died abroad, and on transports bringing home remains of	1155
Solicitor for the Post Office Department, salaries, office of	838
Solicitor of the Department of Commerce, salaries, office of	727
Solicitor of the Department of Interior, salaries, office of	466
Solicitor of the Department of Labor, salaries, office of	727
Solicitor of the Department of State, salaries, office of	727
Solicitor of the Treasury, salaries, office of	727
Sound investigation, Bureau of Standards	399
South Dakota, miscellaneous Indian funds	620
Southern Appalachian National Parks	701
Southern Relief Society, maintenance	1381
Southern Ute Indians, purchase of sheep for	495
Special assistant attorneys, United States courts, pay of	747
Special Claims Commission, United States and Mexico	889
Special examinations, national banks	935
Special fund, German Government's moiety, expenses, Mixed Claims Commission	896
Spokane Indians, Washington, support of	596
Spread of European corn borer, prevention of	311
Spread of Japanese beetle, preventing	312
Spread of moths, prevention of	310
Spread of pink bollworm, prevention of	307
Standard container act, enforcement of	298
Standardization—	
Color	391
Gauge	396
Instruments, equipments, etc	401
Mechanical appliances	393
Sugar	395
Standard materials, Bureau of Standards	402
Standards, Bureau of—	
Equipment	385
Salaries and expenses	384
State Department—	
Foreign intercourse	869
Passport bureaus	868
Permanent indefinite appropriations	896
Printing and binding	868
Salaries and expenses	865
Solicitor	727
State and Territorial homes, for disabled soldiers and sailors	1240
State marine schools, New York, Massachusetts, and Pennsylvania	789
Statement of appropriations, Senate and House of Representatives	10
Statements—	
Appropriations classified by Government functions	A76
Estimates and appropriations classified by character and objects of expenditure	A78
Expenditures and receipts	A13–A56
Postal Service	A54–A56
Public debt	A86–A92
Sinking fund	A94
States—	
Five, three, and two per cent funds to	477
Payments to, from receipts under mineral leasing act	478
Stationery—	
Interior Department	467
Treasury Department	908
War Department	1013
Statistical Institute, International, The Hague	891
Statistics, Bureau of the Census, collecting	374
Steamboat Inspection Service—	
Clerk hire	378
Contingent expenses	378
Salaries	377
Supervising Inspector General, salaries, office of	377
Steam machinery, Bureau of Engineering	804
Stock water supply, developing	496
Stores—	
Ordnance and supplies, Army	1100
Ordnance, Army, ammunition	1099
Ordnance, Navy	808
Street cleaning, District of Columbia	1316
Street improvements, District of Columbia	1301
Streets and avenues, extension, etc., of, District of Columbia	1399
Structural materials, testing, Bureau of Standards	386
Student interpreters at embassy to Japan and Turkey, quarters for	870
Studies of, rural sanitation	977
Submarine bases—	
Coco Solo, Canal Zone	820
Pearl Harbor, Hawaiian Islands	820
Submarine mines—	
Insular possessions	1131
Maintenance	1130
Panama Canal	1132
Subsistence—	
Army	1027
Navy	810
Sugar standardization, Bureau of Standards	395
Suits—	
In claims against the United States, defending	731
Patent Office, defending	439
Summary of estimates, classified by governmental functions, 1929, compared with appropriations for 1928	A76
Sunday opening, Library of Congress	18, 20
Superintendent—	
Documents, salaries, office of	27
Documents, stores, and general expenses, office of	28
Superintendents, national cemeteries, pay	1152
Supervising Architect, salaries, office of	993
Supervising Inspector General, Steamboat Inspection Service, salaries, office of	377
Supplies—	
Army, transportation of	1038
For seacoast defenses	1087
For seacoast defenses, insular possessions	1091
For seacoast defenses, Panama Canal	1095
For United States courts and judicial officers	751
Indian purchase and transportation	481
Instruments and, Navy	794
Military schools and colleges	1147

Page

Supplies—Continued.
Ordnance, Army 1100
Ordnance, Navy 808
Public buildings, operating 1007
Regular, Quartermaster Corps 1028
upplies and Accounts, Bureau of—
Naval Establishment, expenses 810
Navy Department, miscellaneous indefinite appropriations 814
Navy Department, salaries 813
Supply Committee, General, salaries 909
Supply Division, Treasury Department 906
Supplying Infantry equipment, National Guard 1140
Support of—
Apaches 491
Bannocks 590
Cheyennes and Arapahoes 591
Chippewas in Minnesota 629
Chippewas of the Mississippi 563
Chippewas, Turtle Mountain Band 588
Coeur d'Alenes 590
Comanches 491
Confederated Bands of Utes 595
Convicts, District of Columbia 1359
Freedmen's Hospital, Washington, D. C 1369
Indians, civilization and 588
Indians in Arizona 588
Indians in California 588
Indians in Nevada 588
Indians in New Mexico 588
Indians in Utah 588
Indians in Washington 588
Indians in Wisconsin 588
Indians of Blackfeet Agency 588
Indians of Flathead Agency 588
Indians of Fort Belknap Agency 588
Indians of Fort Berthold Agency 588
Indians of Fort Hall Reservation 588
Indians of Fort Peck Agency 588
Indians of Grande Ronde and Siletz Agencies, Oreg 588
Indians of Yakima 588
Indian schools (*see also* name of school) 520
Insane, District of Columbia 1381
Kansas Indians 588
Kickapoos 588
Kiowas 491
National Home for Disabled Volunteer Soldiers 1191
Northern Cheyennes and Arapahoes 591
Osage Agency 630
Osage school 563
Pawnees 592
Poncas 588
Prisoners, United States courts 762
Quapaws 593, 596
Rocky Boy Band of Chippewas 588
Seminoles in Florida 588
Shoshones, employees 596
Sioux of Devils Lake 588
Sioux of different tribes, including Santee Sioux of Nebraska 593
Sioux, Yankton Tribe 588
Spokanes 596
United States prisoners 762
Utes, Confederated Bands 595
Wichitas 588
Yakimas and other Indians 588
Suppressing—
Counterfeiting and other crimes 960
Liquor traffic among Indians 483
Traffic in intoxicating liquors, Alaska 710
Supreme Court—
District of Columbia, court expenses, fees, etc 1356
District of Columbia, salaries 1356
Printing and binding 738
United States, salaries 737
Surgeon General—
Army, salaries, office of 1076
Library, office of 1076
Public Health Service, salaries, office of 961
Surgeons—
Acting assistant, pay, Public Health Service 963
Examining, pensions, fees and expenses of 643
Surgical history of World War 1164
Surplus fund, District of Columbia 1400
Survey—
Coast and Geodetic, salaries and expenses 416
Geological, general expenses 656
Geological, salaries, office of 655
Surveying—
And allotting Indian reservations 487
Public lands 473
Public lands, deposits by individuals 477
Within land grants 477
Surveys—
And maps, military 1083
Northern Cheyenne Reservation 488
Ocean and lake, Bureau of Navigation 794

T

Tablets or monuments, in Cuba and China 1157
Tabulating machines, Bureau of the Census 375
Tanks, purchase, etc 1101
Tank Service—
Expenses 1126
Schools 1126
Tariff Commission—
Expenses 96
Printing and binding 98
Tax Appeals, Board of, salaries and expenses 40
Teachers' retirment fund, District of Columbia 1399
Temperature, high, investigation 398
Temporary government, West Indian Islands 789
Temporary home, District of Columbia 1380
Tenders, Lighthouse Service 413
Territorial governments—
Coutingent expenses 708, 714
Legislative expenses 709, 715
Salaries, governors, etc 708, 714
Territorial homes for disabled soldiers and sailors 1240
Testing fuel, Bureau of Mines 446
Testing railroad track and other scales 401
Testing machines—
Bureau of Standards, maintenance and operation 388
Ordnance Department 1104
Testing mechanical appliances, Bureau of Standards 393
Testing miscellaneous materials, Bureau of Staudards 390
Testing structural materials, Bureau of Standards 386
Textiles, paper, leather, and rubber, investigation of, Bureau of Standards 395
The Hague, International Statistical Institute at 891
Theodore Roosevelt School, support and education 532
Third Assistant Postmaster General, salaries, office of 836
Thurberia weevil, control and prevention of spread of 308
Timber—
Expenses incidental to sale of 493
Industrial work and care of 491
Protecting, on the public lands 475
Tokyo, Japan—
Diplomatic and consular establishments, land 873
Rent of grounds for embassy at 872
Tomah, Wis., support of Indian school 561
Tongue River Tribal Council, expenses 590
Toppenish-Simcoe irrigation project, maintenance and operation 516
Torpedoes and appliances, Navy 808
Trade-Mark Registration Bureau, International 887
Traffic in intoxicating liquors—
Alaska, suppressing 710
Among Indians, suppressing 483
Trails—
Alaska, maintenance and repair of 1166, 1188, 1189
Roads and, forest 337
Roads and, national parks 700
Training—
Citizens' military 1147
National Guard 1137
Training School, District of Columbia 1374
Training School for Boys—
National, District of Columbia 1368
National, Washington, D. C., support 760
Training School for Girls, National, District of Columbia 1368
Training stations—
Naval, R. I 794
Naval, Great Lakes, maintenance 794
Naval, Hampton Roads, Va 794
Naval, San Diego, Calif 794, 820

Transportation— Page
Army 1038
Equipment, Post Office Department 844
Families and effects of officers and employees of Bureau of Foreign and Domestic Commerce 372
Foreign mail 856
Foreign Service officers 878
Freight, etc., Public Health Service 966
Fuel and, Navy 812
Indian schools 526
Indian supplies 481
Navy 811
Paupers, District of Columbia 1382
Railroad, and mail messenger service 852
Remains of officers and employees of Bureau of Foreign and Domestic Commerce 372
Remains of officers, Public Health Service 967
Transporting remains of Foreign Service officers and clerks 879
Traveling expenses—
Civil Service Commission 46
Department of Justice 730
Inspectors, Post Office 845
President of United States 32
Treasurer of the United States, salaries, office of 932
Treasury Building, repairs 1001
Treasury building annexes—
Operating expenses 1000
Repairs 1000
Treasury Department—
Contingent expenses 902
Internal revenue 936
Mints and assay offices 983–992
Permanent indefinite appropriations 913, 917, 919, 928, 933, 940
Postage 909
Printing and binding 907
Rent of buildings 902
Salaries, offices of 899–1010
Salaries, office of Solicitor for 727
Stationery 908
Treaties with Indian tribes, fulfilling. (*See* name of tribe.)
Treatment of diseases among Indians, prevention and 566
Treatment of indigent sick, District of Columbia, care and 1370
Tribal funds—
Apache, Kiowa, and Comanche Indians 490
Arapahoes 615
Cheyennes, Oklahoma 615
Chippewa Indians in Minnesota 563, 629
Choctaws and Chickasaws 630
Klamath Agency and Reservation 514, 617
Osage Nation, Oklahoma 630
San Carlos Reservation, Indians on 505
Umatilla Ageney 617
Utes, Confederated Bands 633
Yakima Indians 623
Troops, Engineer, equipment of 1080
Trophy, and medals, National, for rifle contests 1151
Trusses for disabled soldiers 1164
Truxton Canyon, Ariz., Indian school 531
Tuberculosis Hospital, District of Columbia 1371
Turtle Mountain Chippewa Indians, North Dakota, support of 588

U

Uintah Reservation, irrigation systems 515
Unallotted lands, Five Civilized Tribes, sale of 489
Uniforms, arms, equipment, etc., National Guard 1140
Union of American Republics, International 883
United States and Austria and Hungary, Mixed Claims Commission 888
United States and Canada, and Alaska and Canada, International Boundary Commission 882
United States and Canada, boundary line 881
United States and Germany, Mixed Claims Commission 888
United States and Great Britain—
Boundary treaty of 1925, between 882
Waterways treaty 886
United States and Mexico—
General and Special Claims Commission 889
International (Water) Boundary Commission 880
International Water Commission 892
United States Board of Tax Appeals, salaries and expenses 40
United States consulates—
Allowance for clerk hire at 874
Contingent expenses 874
United States cotton futures act, enforcement of 291
United States courts— Page
Expenses 747
Probation system 762
Supplies for judicial officers and 751
United States Court for China, salaries and expenses 894
United States Court of Customs Appeals, salaries and expenses 740
United States Employees' Compensation Commission, salaries and expenses 49
United States Employment Service, expenses 782
United States Engineer depots, expenses 1078
United States Engineer School, maintenance 1079
United States Geographic Board 98
United States grain standards act, enforcement of 295
United States Housing Corporation, salaries and expenses 64
United States Industrial Reformatory, Chillicothe, Ohio 759
United States lands, and other property, care of 1008
United States maps, General Land Office 472
United States penitentiary—
Atlanta, Ga 754
Leavenworth, Kans 752
McNeil Island, Wash 755
United States section, Inter-American High Commission 885
United States securities, distinctive paper for 917
United States Shipping Board, salaries and expenses 98
United States Supreme Court, salaries 737
United States Tariff Commission, expenses 96
United States Veterans' Bureau—
Printing and binding 109
Salaries and expenses 101
United States warehouse act, administration of 297
Unsold property, maintenance, Housing Corporation 67
Utah—
Miscellaneous Indian funds 622
Support of Indians in 588
Ute Indians, Utah—
Confederated bands, support of 595
Withdrawal of tribal funds of 633
Utilization of waste products from the land, Bureau of Standards 404

V

Vaults and safes, public buildings 1002
Vehicle service 851
Vehicles—
Indian Service 484
Passenger-carrying, Department of Agriculture 330
Venereal diseases, division of, Public Health Service 979
Venezuela, statue of Henry Clay in Caracas 893
Vessels—
Admeasurement of 380
Coast Guard 953
Coast survey, pay, etc., of officers and men 423
Coast and Geodetic Survey, repairs and maintenance 423
Fishery vessels, maintenance 434
Lighthouse Service, salaries 413
Naval, modernization of 830
Navy, ammunition 830
Navy, construction and repair of 806
Navy, increase of 830
Pay to consular officers for services to American 896
Veterans' Bureau, salaries and expenses 101–111
Vice President of the United States, salary of 31
Vicksburg National Park, improvement of 1161
Vocational Education, Federal Board for, permanent indefinite appropriations 51
Vocational rehabilitation of persons disabled in industry, cooperative 53
Volunteer soldiers, national homes for, support of 1191

W

Wages of workmen, mints and assay offices 983–992
Wagon roads, bridges, and trails, Alaska fund 1188
Wahpeton, N. Dak., support of Indian school 549
Wakefield, Va., improvements, birthplace of Washington 1164
Walks, roads, etc., Quartermaster's Department 1054
Wapato irrigation project, construction, etc 516
War College—
Army, expenses 1017
Naval, maintenance 796
War Department—
Contingent expenses 1012
Permanent appropriations 1026, 1106, 1179, 1183, 1185, 1190
Postage to Postal Union countries 1013

	Page
War Department—Continued.	
Printing and binding	1014
Salaries, offices of	1011
Stationery	1013
War instruction, Coast Artillery	1130
Warehouse act, administration of	297
Washington—	
Miscellaneous Indian funds	623
Support of Indians in	588, 596
Washington-Alaska military cable and telegraph system, extension, etc., of	1163
Washington, D. C.—	
Aqueduct	1392
Courthouse, salaries of employees	1357
Jail	1363
National Training School for Boys, District of Columbia	1368
National Training School for Boys, maintenance	760
National Training School for Girls, District of Columbia	1368
Washington, George, birthplace of	1164
Washington Home for Incurables, District of Columbia	1370
Washington Monument, care and maintenance of	83
Washington redemption fund, District of Columbia	1399
Waste products from the land, utilization of	404
Water, military posts, sewers and	1053
Water boundary, United States and Mexico	880
Water department, District of Columbia	1394
Water fund, District of Columbia	1394
Water supply—	
For Navajo and Hopi Indians, Arizona	497
For Papago Indian villages, Arizona	496–497
For Pueblo Indians	498
Northern Navajo School	498
Stock developing	496
Yakima Reservation	516
Water system, Reno-Sparks Indian Colony, Nev	498
Waterways treaty, United States and Great Britian	886
Weather Bureau, salaries and expenses	133
Weights and Measures, International Bureau of	880
Welfare, Board of Public	1361
West, Clyde L., annuity to	1152
West Indian Islands, temporary government	789
Wharves, Quartermaster's Department	1054
White House, repairs, fuel, improvements, lighting, etc	32
White House police, salaries, uniforms, and equipment	33
Wichita Indians, Oklahoma, support of	588
Widows, or heirs of Foreign Service officers who die abroad, allowance to	878
Wild life and fish refuge, Upper Mississippi River	268
Wind Cave National Park, improvement and protection of	690
Wind River Reservation, Wyo., irrigation systems	519
Wireless communication, on ocean steamers, enforcement of act	350
Wisconsin—	
Miscellaneous Indian funds	626
Support of Indians in	588
Witnesses, Supreme Court, District of Columbia, fees of	1356
Witnesses, United States courts, fees of	749
Women, Federal Industrial Institution for	757
Women's Bureau, salaries and expenses	781
Woodward, Okla., field station	162
Wool division, salaries and expenses	299
Workhouse, District of Columbia	1364, 1365
Workmen, wages of, mints and assay offices	963
World War—	
Adjusted service certificate fund, Veterans' Bureau	110
Foreign Debt Commission	913
Medical and surgical history	1164
Writs of lunacy, District of Columbia	1359
Wyoming—	
Miscellaneous Indian funds	628
Support of Shoshone Indians in	596

X

X rays, investigation of	403

Y

Yakimas and other Indians, Washington, support of	588
Yakima Reservation, Wash.—	
Irrigation	516
Reservoirs	516
Yankton Sioux Indians, South Dakota, support of	588
Yards and Docks—	
Bureau of, Naval Establishment, expenses	816
Bureau of, Navy Department, salaries	819
Maintenance of	816
Yellowstone National Park—	
Protection, etc., of	691
Salary of commissioner	740
Yosemite National Park—	
Improvement of	693
Salary of commissioner	740
Yuma Indian allotments, California, reclamation and maintenance charges	505

Z

Zion National Park, protection, etc	694
Zoological Park, National	1390

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